

# **Historical Lists of United States Department (USDA) - Soil Conservation Service (SCS) Soil Scientists**

## **Background Information**

These historical lists of soil scientists are from scanned documents that, for the most part, were sent to States from the National Office. The intent of these lists was to keep State Office Staffs and Field Soil Scientists informed about current activities and the National Cooperative Soil Survey Program.

One document (contributed by Bob Pollock, retired Nebraska Soil Scientist) dated 1953 is of special interest. This list is probably the first list of soil scientists put together after the reorganization/combination of the SCS and Bureau of Plant Industry, Soils and Agricultural Engineering (BPI) in 1952.

UNITED STATES DEPARTMENT OF AGRICULTURE  
Soil Conservation Service

Soil Scientists (Operations)

January 1, 1951

Abbott, James D.	Lamesa, Tex.	Bell, Elbert L.	Osage City, Kans.
Accola, Robert C.	Fort Collins, Colo.	Bender, Wm. H.	Coshocton, Ohio
Ackerson, Kenneth T.	East Aurora, N. Y.	Bennett, J.	Gainesville, Ga.
Adams, Henry R.	Upper Darby, Pa.	Benson, Lawrence L.	Belleville, Ill.
Agathen, Anthony B.	Macomb, Ill.	Benton, Thomas H.	Seguin, Tex.
Agee, William R.	Pecos, Texas	Berg, Alvin	Cherokee, Okla.
Alamus, Roy	Kansas City, Mo.	Berg, John W.	Wainanalo, Oahu, T.H.
Alldredge, F.	Huntsville, Ala.	Berkman, Elgis H.	Wausau, Wis.
Alldredge, John H.	Dimmitt, Tex.	Berry, Buford G.	Crowley, La.
Allen, Geo. W.	Montpelier, Vt.	Best, Luke J.	Colfax, Wash.
Allen, John M. (MF)	Longmont, Colo.	Beverage, Woodrow W.	Elkins, W. Va.
Amos, D. F.	Murray, Ky.	Bewley, J. P.	Evergreen, Ala.
Amsterburg, Robt. J.	Ludington, Mich.	Bindschadler, Harold	Laramie, Wyo.
Anderson, E. J.	Anadarko, Okla.	Binnie, R. Rexford	Rensselaer, Ind.
Anderson, J. L.	Tupelo, Miss.	Bither, Roy A. (WAE)	Houlton, Me.
Anderson, Sanford M.	Wenatchee, Wash.	Blair, Jess F.	Big Spring, Tex.
Anderson, Woodrow W.	Marshall, Minn.	Blankenship, Dolman	Abilene, Tex.
Andrew, Louis E.	Klamath Falls, Oreg.	Blum, Ervin L.	Pecos, Texas
Andrus, Howard W.	Springfield, Ohio	Boatright, Wm. C.	Hiawatha, Kans.
Arno, John R. (WAE)	Dover-Foxcroft, Me.	Boehm, Edward G.	Alice, Texas
Atkinson, Wm. H.	Socorro, N. Mex.	Boenen, Eugene L.	Bismarck, N. Dak.
Aull, L. E.	Shelby, N. C.	Bone, Samuel W.	Mt. Gilead, Ohio
Austin, Franklin R.	Kalamazoo, Mich.	Boothby, R. N.	Charlotte Amalie, V.I.
Avery, Glenn A.	Brookings, S. Dak.	Borst, George Jr.	Fall Brook, Calif.
		Botts, Oral L.	Carrizo Springs, Tex.
Baber, Thomas G.	Pueblo, Colo.	Boulter, Kenneth E.	Salida, Colo.
Backer, Albert D.	Newton, N. J.	Bowen, Robert A.	Sacramento, Calif.
Badurina, Wm. P.	Newport, Wash.	Bower, James E.	Denton, Tex.
Bagley, Donald G.	Elko, Nev.	Bowlsby, Clyde C.	Spokane, Wash.
Bahr, A. Francis	Fargo, N. Dak.	Bown, Thomas A.	Renton, Wash.
Bailey, Oran	Anadarko, Okla.	Boyce, Thomas F.	Jackson, Mich.
Baker, Bertram C.	Devils Lake, N. Dak.	Brackett, Gordon L.	Cavalier, N. Dak.
Baltz, Mary C.	Canastota, N. Y.	Bragg, H. J.	Washington, N. C.
Bannister, Donald L.	Bottineau, N. Dak.	Bramlett, G. L.	Dalton, Ga.
Barker, Raymond J.	Sandpoint, Idaho	Brasher, William F.	San Saba, Tex.
Barnes, Byron A.	Ames, Iowa	Breinig, C. B.	Spartanburg, S. C.
Barney, Marvin L.	Tremonton, Utah	Britton, Vernon H.	Dalhart, Tex.
Barnhill, W. L.	Goldsboro, N. C.	Brock, Alec	Marietta, Ohio
Bartelli, Lindo J.	East Lansing, Mich.	Broderick, J. Howard	Mt. Pleasant, Utah
Bartelme, Robt. J.	Baraboo, Wis.	Brooks, Charles A.	Waxahachie, Texas
Bartlett, John B.	Oneonta, N. Y.	Brooks, G. R.	Hartford, Ky.
Bartlett, W.	Elberton, Ga.	Brown, J. Ellsworth	Douglas, Ariz.
Bartz, Clayton C.	Dickinson, N. Dak.	Brown, Joseph B.	Brighton, Colo.
Bass, Turner C.	Lafayette, Ind.	Brown, Mark H. (MF)	Fort Worth, Texas
Bauer, Armand	Fargo, N. Dak.	Brown, N. I.	Nashville, Tenn.
Baumann, W. Elmo	Stillwater, Okla.	Brown, Robert	Woodward, Okla.
Baur, Arnold J.	Ithaca, N. Y.	Brown, Warren J.	Rocky Ford, Colo.
Beard, Joseph S.	Greensburg, Pa.	Brownell, Hiram W.G.	Anna, Ill.
Beatty, Marvin T.	Clendive, Mont.	Brunger, E. H.	Charlottesville, Va.
Bedell, Glen	West Branch, Mich.	Brunkow, Ernest F.	Torrington, Wyo.
Beierbach, Ervin F.	Steamboat Springs, Colo.	Bryan, R. C.	Louisville, Ky.
		Bryan, W. B. Jr.	Stanford, Ky.



Bryan, Wm. B. Jr. Kearney, Nebr.  
 Buchanan, Wm. A. Tucumcari, N. Mex.  
 Buckhannan, W. H. Ocala, Fla.  
 Buckley, Wilson B. Palestine, Tex.  
 Buckner, Russell. Spencer, Iowa  
 Bull, A. D. Woodward, Okla.  
 Burgess, Dent L. Hobart, Okla.  
 Burgess, E. F. Newton, N. C.  
 Burgess, L. H. Demopolis, Ala.  
 Burns, J. D. Laurel, Miss.  
 Burr, Edwin P. Sioux City, Iowa  
 Bush, Eugene S. Liberal, Kans.  
 Butman, Burel S. Dodgeville, Wis.  
 Buzzard, Charles R. Grants Pass, Oreg.  
 Bynum, Otto W. Terrell, Tex.  
 Byrd, H. J. Americus, Ga.  
 Byrd, H. S. Anderson, S. C.

Cahoon, Joe S. Farmington, N. Mex.  
 Calhoun, J. W. Ferry, Ga.  
 Call, Richard W. Ogden, Utah  
 Call, Willard A. Longview, Wash.  
 Camp, W. J. Newberry, S. C.  
 Cardon, Wm. H. Hamilton, Mont.  
 Carey, John B. Lebanon, Pa.  
 Carman, Robert B. Newcastle, Calif.  
 Carmichael, Carlton J. Roswell, N. Mex.  
 Carpenter, W. W. Lexington, Ky.  
 Carroll, D. T. Lebanon, Ky.  
 Carson, Alfred D. Woodville, Tex.  
 Carter, J. B. Orange, Va.  
 Carter, O. R. Demopolis, Ala.  
 Carter, R. C. New Albany, Miss.  
 Carter, Wm. J. Kenne, N. H.  
 Caskey, Geo. P. Ellensburg, Wash.  
 Castleberry, R. D. Sidney, Mont.  
 Caudle, J. E. Spartanburg, S. C.  
 Cawlfeld, Dave R. Bozeman, Mont.  
 Chadwick, Raymond S. Ogden, Utah  
 Chaffin, Bruce F. Winnfield, La.  
 Chapin, Ray W. Pullman, Wash.  
 Christensen, M. A. Chandler, Ariz.  
 Chudoba, G. J. Great Bridge, Va.  
 Clark, Clair O. (CW) Sidney, Mont.  
 Clark, Henry L. Thibodaux, La.  
 Clay, J. W. Tappahannock, Va.  
 Clement, A. B. Memphis, Tenn.  
 Clement, J. F. Winfield, Ala.  
 Cline, Henry R. Buffalo, Minn.  
 Clocker, Lawrence Pueblo, Colo.  
 Cobb, Wayne H. Vernon, Texas  
 Coffee, Daniel R. Rosenberg, Texas  
 Joffey, Winston Enid, Okla.  
 Jolburn, W. L. Hartsville, S. C.  
 Compy, Elvin Z.W. Upper Marlboro, Md.  
 Converse, H. T. Jr. Glasgow, Ky.

Cook, W. H. Lake City, Fla.  
 Cook, Robert J. Newport, Ark.  
 Coover, James R. Lubbock, Tex.  
 Cordova, J. P. San Juan, P. R.  
 Cosby, S. W. Portland, Oreg.  
 Cothran, J. B. Springfield, Tenn.  
 Covell, R. R. Athens, Ga.  
 Covington, J. P. Eliz. City, N. C.  
 Cowles, Donald A. Algona, Iowa  
 Cox, Curtis C. Pecos, Tex.  
 Crabb, T. N. Columbus, Ga.  
 Craddock, J.C.Jr. (LWOP) Leesport, Pa.  
 Craft, Roy Muskogee, Okla.  
 Craft, R. W. Jr. Perry, Ga.  
 Craig, R. M. Orlando, Fla.  
 Cromartie, J. B. DeFuniak Springs, Fla.  
 Crook, Charles B. Valentine, Nebr.  
 Crout, Jack D. Wheeler, Tex.  
 Crow, E. E. Bamberg, S. C.  
 Cruikshank, Robt. S. Bloomsburg, Pa.  
 Cummins, Jos. F. Owatonna, Minn.  
 Cummins, Lindell L. Harrisburg, Ill.  
 Curry, Wm. H. Weston, W. Va.

DaGian, Augustus J. Opelousas, La.  
 Dahlstrand, Nils P. Sturgeon Bay, Mich.  
 Dahms, K. E. Montgomery, Ala.  
 Daniell, Robt. E. Harlingen, Tex.  
 Daniels, D. Max Malad City, Idaho  
 Daniels, Raymond Newton, Iowa  
 Dansdill, Robt. K. Littleton, Colo.  
 Darby, Gerald M. Uvalde, Texas  
 Davey, William B. Little Rock, Ark.  
 Davis, Elmer L. Ely, Nev.  
 Davis, H. T. Griffin, Ga.  
 Davis, W. A. Rock Hill, S. C.  
 Dawson, C. A. London, Ky.  
 Day, L. Edward Fort Stockton, Tex.  
 Day, Thomas H. Palmer, Alaska  
 Day, Wilborn N. Garden City, Kans.  
 Dean, Horace C. San Marcos, Tex.  
 Deardorff, C. E. Portland, Oreg.  
 Decker, Rey S. Albuquerque, N.Mex.  
 Deeter, E. B. Fort Worth, Texas  
 DeMent, James A. Tallulah, La.  
 Dent, J. H. Jr. Columbia, Miss.  
 Denton, Thos. H. Seguin, Tex.  
 Derr, Louis E. Stillwater, Okla.  
 Dever, R. F. Galax, Va.  
 Devereux, R. E. Blacksburg, Va.  
 DeYoung, Wm. Madison, Wis.  
 Diamond, W. G. Orlando, Fla.  
 Dicken, C. M. Lancaster, Ky.  
 Diebold, Chas. H. Albuquerque, N.Mex.  
 Dillon, Sidney J. Creston, Iowa  
 Dimmitt, Melvin E. Kahoka, Mo.

Dineen, Norman T. Worden, Mont.  
 Dodge, Darold A. Emporia, Kans.  
 Dodson, Clem H. Fort Collins, Colo.  
 Dompier, Lenn J. Dayton, Wash.  
 Dondero, Louis J. Manchester Center, Vt.  
 Dopke, Bernard Portland, Mich.  
 Dorrance, Alfred B. Grand Rapids, Mich.  
 Dotson, G. Kenneth Hamilton, Ohio  
 Downey, Charles E. Whitehall, Ill.  
 Dries, Fred Stillwater, Okla.  
 Dunlavy, John T. Yankton, S. Dak.  
 Duncan, Frank L. Vernon, Tex.  
 Dumire, Ralph G. Iola, Kans.  
 Dunning, Lorne T. Jr. Ellensburg, Wash.  
 Dye, J. W. Bowling Green, Ky.

Earle, G. H. Jr. Raleigh, N. C.  
 Edmonds, Nuel F. Corydon, Ind.  
 Edwards, Glavis B. Harrison, Ark.  
 Edwards, Russell J. Faribault, Minn.  
 Eggers, Fred C. San Fernando, Calif.  
 Eikleberry, R. W. Lincoln, Nebr.  
 Elder, William R. Temple, Tex.  
 Elliott, J. W. Columbus, Miss.  
 Ellison, Arlo C. Three Forks, Mont.  
 Engberg, Clarence A. East Lansing, Mich.  
 Erickson, Austin J. Murray, Utah  
 Erickson, Carl J. Cavalier, N. Dak.  
 Erickson, Lee E. Stayton, Oregon  
 Espy, Lester E. Hamlin, W. Va.

Fairchild, Warren D. Beatrice, Nebr.  
 Farley, Wm. H. Skowhegan, Me.  
 Faust, Albert P. Gardiner, Me.  
 Feeman, A. L. Warsaw, Va.  
 Ferris, H. James (FC) Upper Darby, Pa.  
 Fiedler, Howard W. Madison, Wis.  
 Fielder, Armer McAlester, Okla.  
 Filios, Frederick A. Worcester, Mass.  
 Finger, Chas. J. Jr. Little Rock, Ark.  
 Finley, Robert R. Jamestown, N. Y.  
 Fitzgerald, Warren J. Shawano, Wis.  
 Flatt, L. W. Martin, Tenn.  
 Flora, Donald F. Cobleskill, N. Y.  
 Fly, Claude L. Manhattan, Kans.  
 Folks, James J. Santa Fe, N. Mex.  
 Fonner, Robert F. Elizabeth, W. Va.  
 Fontenot, D. L., Jr. Alexandria, La.  
 Fortenberry, V. E. Canton, Miss.  
 Foster, John A. San Fernando, Calif.  
 Fourier, Donald M. Dodge City, Kans.  
 Fowkes, Clarence J. Riverton, Wyo.  
 Fox, Robert E. Pecos, Texas  
 Fox, William R. Dover, Del.  
 Franki, Guido E. Alice, Texas  
 Frederick, Willie J. Pueblo, Colo.

Freeman, C. H. Grenada, Miss.  
 French, Lewis M. (WAE) Polteney, N. Y.  
 Fricke, James R. Laramie, Wyo.  
 Friedrich, Orval Shenandoah, Iowa  
 Fronske, John H. Safford, Ariz.  
 Fuchs, Westal W. Lamesa, Texas  
 Fuller, G. L. Spartanburg, S. C.  
 Fulmer, H. P. Marion, S. C.  
 Furman, A. L. Tallahassee, Fla.

Galberry, H. S. New Albany, Miss.  
 Garber, M. C. Hattiesburg, Miss.  
 Garlick, Glen W. Davenport, Wash.  
 Gault, Milton Vinita, Okla.  
 Geffert, Freddie Jr. Liberty, Texas  
 Gettys, W. Pulaski, Va.  
 Gibbs, George K. Santa Rosa, Calif.  
 Giddens, Thos. W. Terrell, Tex.  
 Giddings, Edward B. Binghamton, N. Y.  
 Giese, Lawrence D. Yakima, Wash.  
 Glidden, Wm. S. Monte Vista, Colo.  
 Gold, S. F. Salem, Va.  
 Gomez, Robert S. Santa Fe, N. Mex.  
 Gonick, Walter Danbury, Conn.  
 Gooch, Hulon D. Lamesa, Texas  
 Good, Kenneth J. Lincoln, Nebr.  
 Gorman, John L. Beckley, W. Va.  
 Gordon, Lester Tyler, Tex.  
 Gowdey, Richard F. Newport, Vt.  
 Graham, Fred U. Napa, Calif.  
 Grant, Lothair H. Fairfield, Iowa  
 Gray, Fenton Columbus, Ohio  
 Gray, James L. Forrest City, Ark.  
 Green, F. L. Bishopville, S. C.  
 Greenawalt, Ross D. North Platte, Nebr.  
 Gregory, Russell L. Pochontas, Ark.  
 Greiner, Loren M. Pawnee City, Nebr.  
 Griggs, John E. Jr. Middlebury, Vt.  
 Grimes, Myron F. Fergus Falls, Minn.  
 Grogger, Harold E. Columbia, Mo.  
 Grunewald, Armin R. Fort Wayne, Ind.  
 Guernsey, Carl W. Lafayette, Ind.  
 Gummerson, Ray Saginaw, Mich.

Haas, W. S. Ocala, Fla.  
 Haigh, June G. Three Forks, Mont.  
 Hailey, Reland B. Seymour, Tex.  
 Hakanson, John A. Broken Bow, Nebr.  
 Hall, Jack L. Tyler, Texas  
 Hall, Miles I. Mt. Pleasant, Tex.  
 Hall, Scott Hugo, Okla.  
 Hallisey, Wm. A. San Jose, Calif.  
 Hamby, Robert M. Cameron, Mo.  
 Hannigan, Wm. D. West Chester, Pa.  
 Hansen, Bernard C. Phoenix, Ariz.  
 Hanson, Aaron J. Charles City, Iowa

Hanson, Arlon	Primghar, Iowa	Hunter, William	Greeley, Colo.
Hanson, Arthur	Taylor, Tex.	Hursey, F. W.	Staunton, Va.
Hardesty, J. Stewart	Orono, Maine	Hutchings, Roland R.	Watsonville, Calif.
Hardin, Robt. A.	Moses Lake, Wash.	Hutchings, Theron B.	Albuquerque, N.Mex.
Hargrove, Ross W.	Rocky Ford, Colo.	Hutchinson, Ned R.	Logansport, Ind.
Harland, Marion B.	Urbana, Ill.	Hutton, Frank Z., Jr.	Auburn, N. Y.
Harlin, W. V.	Anniston, Ala.	Hutton, Frank Z., Sr.	Salisbury, Md.
Harmon, Lacy I.	Fort Dodge, Iowa	Iiams, John E.	Cody, Wyo.
Harms, Grenfall F.	Red Wing, Minn.	Ilgenn, Lewis W.	Rockville, Conn.
Harness, John R., Jr.	Hannibal, Mo.	Indorf, Frank E. Jr.	Troy, N. Y.
Harrison, Eveard T.	Walla Walla, Wash.	Innis, Charles H.	Jackson, Ohio
Harston, Miles B. (MF)	Cody, Wyo.	Ireland, W., Jr.	Farmville, Va.
Harwood, Jack O.	Coeur d'Alene, Idaho	Irvine, Alan W.	Howell, Mich.
Haskins, W.	Goldsboro, N. C.	Isaacson, M. R.	Albuquerque, N. Mex.
Havens, Y. H.	Meridian, Miss.	Iseley, E. E.	Baxley, Ga.
Hayden, Rodney	Coshocton, Ohio	Isgrig, D.	Georgetown, Ky.
Headley, Roger D.	Tucson, Ariz.	Ivancic, John	Defiance, Ohio
Hearn, S. H.	Louisburg, N. C.	Jackson, G. T.	Jackson, Tenn.
Henderson, Richard C.	Steamboat Springs, Colo.	Jackson, R. K.	Salina, Kans.
Henry R. E.	Ozark, Ala.	Jacquot, Louis L.	Perryton, Tex.
Hensell, James L.	Fredericksburg, Tex.	Jahn, Bert J.	Okanogan, Wash.
Hersh, D. M.	Owingsville, Ky.	James, Milo S.	Phoenix, Ariz.
Hershberger, Merl F.	College Park, Md.	Jay, James E.	Monte Vista, Colo.
Hicks, T. J.	Springfield, Tenn.	Jeffrey, Allan H.	Fulton, Mo.
Higginbotham, Billy F.	Lubbock, Texas	Jensen, E. R.	Tifton, Ga.
High, Robert D.	Puyallup, Wash.	Jent, C. H. Jr.	Nashville, Tenn.
Highland, John	Marion, Iowa	Johnson, A. S.	Somerset, Ky.
Hill, Elmer L.	Heppner, Oregon	Johnson, Chas. R.	Victoria, Texas
Hill, Ralph H.	Fort Worth, Tex.	Johnson, S. Burkett	Colfax, Wash.
Hill, William W.	Corvallis, Oregon	Johnson, Irvin L. (WAE)	Provo, Utah
Hilley, Terry E.	Albuquerque, N. Mex.	Johnston, H. B.	Arcadia, Fla.
Hitt, Harold	Hamilton, Tex.	Jones, H. A.	Columbus, Miss.
Hixson, Herbert J.	Brookville, Pa.	Jones, W. E.	Spartanburg, S. C.
Hockensmith, Roy D.	Washington, D. C.	Joos, Lloyd L.	Bismarck, N. Dak.
Hodges, Harold P.	Pleasanton, Tex.	Jordan, D. H.	Elberton, Ga.
Hoene, Robt. W.	Waupaca, Wis.	Jorgenson, Ingolf H.	Lawrenceville, Ill.
Hogan, C. A.	Cookeville, Tenn.	Juarez, J., Jr.	San Juan, P. R.
Hogan, Ernest K.	Leviston, Mont.	Judy, C. N.	Fincastle, Va.
Hokanson, Hilding L.	Marshall, Minn.	Jury, Wilbur M.	Council Bluffs, Iowa
Holmgren, Geo. G. S.	Elko, Nev.	Kane, J. F.	Winchester, Va.
Hopkins, Donald W.	Toulon, Ill.	Karnowski, E. H.	Windsor, N. C.
Horton, R. E.	Wadesboro, N. C.	Kayser, Herbert M.	Kansas City, Mo.
Houston, T. B.	Lake City, Fla.	Keeseey, Leonard	Wray, Colo.
Howard, Montague, Jr.	Burlington, Vt.	Kelley, W. H.	Birmingham, Ala.
Howey, Robert L.	Minot, N. Dak.	Kennedy, Grant M.	Escondido, Calif.
Huckabee, John W. Jr.	Temple, Tex.	Kerker, Earl J.	Maquoketa, Iowa
Hudelson, Paul V.	Bloomington, Ill.	Kerr, Alex (MF)	Alexandria, La.
Huff, J. R.	Carrollton, Ga.	Kester, Gerald	Holbrook, Ariz.
Huff, Richard C.	Lower Lake, Calif.	Kick, Leslie W.	Cortland, N. Y.
Huffman, B. V.	Louisville, Ky.	Kiester, Kenneth R. (MF)	Schuyler, Nebr.
Hughes, J. W.	McMinnville, Tenn.	King, Elton L.	Winterset, Iowa
Humphreys, M. E.	Princeton, Ky.	King, J. M., Jr.	North Wilkesboro, N.C.
Hungerford, J. B.	Waycross, Ga.	King, June	Anadarko, Okla.
Hunt, C. L.	Greensboro, N. C.		
Hunter, D. E.	Jackson, Tenn.		

Kingsbury, Joe W.	Honolulu, T. H.	Loughry, Frank G.	State College, Pa.
Kinkaid, Ewing	Little Rock, Ark.	Love, P. M.	Clinton, Ky.
Kintner, Galen E.	Bethany, Mo.	Lumb, Elroy R.	Webster, S. Dak.
Kittleson, Kenneth K.	Decorah, Iowa	Lund, Z. F.	Anniston, Ala.
Klingebiel, A. A.	Champaign, Ill.	Luttrell, C. D.	Shelbyville, Ky.
Knecht, Arnold A.	Hemet, Calif.	McBee, Charles W.	Neodesha, Kans.
Knezevich, C. A.	Colfax, Wash.	McBride, E. H.	Mobile, Ala.
Koch, Charles J.	Albuquerque, N.Mex.	McCaskill, Gerald	Lubbock, Texas
Kodess, Abner H.	Woodstock, Vt.	McClain, Jack W.	Pecos, Texas
Kochler, Harold	Grand Junction, Colo.	McClintock, Wm. R.	Huntsville, Tex.
Kozachyn, John	Upper Darby, Pa.	McCollum, Charlie N.	Ashdown, Ark.
Kronenberger, R.C. (FC)	Indianapolis, Ind.	McConnell, Ronald C.	(CW) Missoula, Mont.
Kuder, Homer M.	Kankakee, Ill.	McCuen, John E.	East Greenwich, R.I.
Kunkle, W. Merrill	Moundsville, W. Va.	McCurry, Milton L.	Sterling, Colo.
Kyler, Rudolph H., Jr.	Indianapolis, Ind.	McDonald, H. P.	Irvine, Ky.
		McDonald, J. E.	Charleston, S. C.
Lane, H. C.	Batesville, Miss.	McGee, Dale A.	Vancouver, Wash.
Langan, Lucien M.	Yerington, Nev.	McGehee, V. H.	Columbia, Miss.
Larance, Fred C.	Warren, Ark.	McGrew, Carl	Jonesboro, Ark.
Larson, Wesley M.	Lisbon, N. Dak.	McGuire, James A.	Hemet, Calif.
Larson, Kermit E.	Lisbon, N. Dak.	McIntyre, C. L.	Rome, Ga.
Larson, Leland I.	Wells, Nev.	McKinzie, Wm. E.	North Platte, Nebr.
Latimer, William J.	Washington, D. C.	McMurphy, Carl J.	Olympia, Wash.
Latvala, Hans C.	Fergus Falls, Minn.	McNally, Wm. P.	El Paso, Texas
Leux, Burton R.	Saratoga Springs, NY		
Lawrence, C. B.	Columbia, S. C.	Main, Lauren L.	Prosser, Wash.
Lawrence, John W.	Findlay, Ohio	Maker, H. J.	State College, N.Mex.
Lawson, J. C.	Carrollton, Ga.	Malmgren, Robt. C.	Wenatchee, Wash.
Lawson, Marvin	Fayetteville, Ark.	Mangum, Alton	Alexandria, La.
Leathers, T. R.	Independence, Ky.	Markley, Marco L.	Moorestown, N. J.
Lee, J. H.	Flemingsburg, Ky.	Marshall, R. M.	Fort Worth, Tex.
Lee, Thomas P.	Fayetteville, Ark.	Marks, Geo. C.	Rusk, Texas
Leer, Donald C.	York, Pa.	Martin, H. L.	Yazoo City, Miss.
Leggett, Jess H.	Kenedy, Tex.	Martin, Billy D.	San Angelo, Texas
Leifer, Lewis C.	Santa Barbara, Calif.	Matthes, Lester J.	Marietta, Ohio
Leighty, R. V.	Mayfield, Ky.	Matthews, E. D.	Batesville, Miss.
Lesesne, F. F.	Kingstree, S. C.	Maxwell, Armine J.	Ardmore, Okla.
Lessig, Heber D.	Lisbon, Ohio	Maxwell, George R.	Searcy, Ark.
LeVee, William M.	Albuquerque, N.Mex.	Mayeaux, Dale L.	Rosenberg, Tex.
Lewis, Don A. Jr.	Nacogdoches, Tex.	Mayko, Rudolph W.	Pendleton, Oreg.
Lewis, Don J.	Evanston, Wyo.	Mays, William B.	Effingham, Ill.
Lewis, O. C.	Gainesville, Fla.	Meade, W. D.	McKinney, Texas
Lewis, R. O.	Lincoln, Nebr.	Meadows, J. A.	Goldsboro, N. C.
Lincoln, Joe T.	Silver City, N.Mex.	Mecker, Ralph L.	Columbus, Ohio
Lindell, John E.	York, Nebr.	Meier, Edmund R.	Buffalo, Minn.
Lindsay, M. Grant	Baker, Oregon	Meier, John F.	Gettysburg, Pa.
Link, Ernest G.	Fond du Lac, Wis.	Meinders, Hadley	Guymon, Okla.
Link, Victor G.	Elko, Nev.	Merrell, Clifford L.	Delta, Utah
Loftin, Lester L.	Shreveport, La.	Metcalf, John W.	Murray, Utah
Lofton, K. T.	Sweetwater, Tex.	Michaels, Sheldon	Sanford, Me.
Long, H. Wade	Batesville, Ark.	Middleton, R. G.	Albany, Ga.
Long, Roscoe	Wetumka, Okla.	Milbrandt, A. C.	Brookhaven, Miss.
Longwell, T. J.	Jackson, Tenn.		

Millard, Thomas T.	Harrison, Ark.	Ollila, Toivo J.	Watertown, S. D.
Miller, E. N., Jr.	Columbia, S. C.	Olsen, James A.	Miles City, Mont.
Miller, Franklin T.	Billings, Mont.	Olsen, Marvin E.	Montrose, Colo.
Miller, L. LeForrest	Peoria, Ill.	Omodt, Hollis W.	Jamestown, N. Dak.
Miller, Maurice W.	Holdrege, Nebr.	O'Neal, Alfred M.	Washington, D. C.
Miller, Paul N.	Clayton, N. Mex.	O'Neal, William C.	Malvern, Ark.
Miller, Vernon C.	Santa Rosa, Calif.	Orr, D. W.	Owensboro, Ky.
Millsap, E. T., Jr.	Lakeland, Fla.	Otsuki, Henry T.	Garden City, Kans.
Minnick, Edw. A.	Chelan, Wash.	Otte, George E.	The Dalles, Oreg.
Mitchell, Lloyd E.	Lincoln, Nebr.	Owens, J. C.	Augusta, Ga.
Modesitt, Robt. E.	Salem, Ind.		
Mollenhoff, H. H.	Phoenix, Ariz.	Parenteau, Robt. E.	Freeport, Ill.
Montgomery, P. H.	Columbia, S. C.	Parker, Richard D.	Redfield, S. Dak.
Montgomery, Dallas T.	Scottsburg, Ind.	Parrott, Charles F.	Moscow, Idaho
Moore, J. R.	Tallahassee, Fla.	Parsons, Orville A.	Lamar, Colo.
Moreland, Donald C.	Longmont, Colo.	Partin, W. R.	Burkesville, Ky.
Morgan, Clinton H.	Beaumont, Calif.	Paschall, Alfred H.	Milwaukee, Wis.
Morgan, M. S.	Orlando, Fla.	Paschke, John E.	Hillsboro, Ill.
Morris, Charles J.	Lancaster, Calif.	Pasco, Dale E.	Lapeer, Mich.
Morse, H. Howe	Columbus, Ohio	Patton, Boyd J.	Morgantown, W. Va.
Moshier, Ronald L.	Forsyth, Mont.	Payne, E. Milton	Ft. Collins, Colo.
Mott, Joe H.	Little Rock, Ark.	Payne, H. H.	Milledgeville, Ga.
Moxon, Duane C.	Aberdeen, S. Dak.	Paxton, Fay M.	Colo. Springs, Colo.
Moxon, Vernon W.	Redfield, S. Dak.	Pederson, Edwood	DeKalb, Ill.
Mueller, Oscar P.	Snohomish, Wash.	Penn, Ray E.	Watonga, Okla.
Mumm, C. W.	Tappahannock, Va.	Penner, Harold L.	Great Falls, Mont.
Munk, H. Dale	Jerome, Idaho	Pennington, Malcolm C.	Plainview, Tex.
Murdock, Stanley H.	Washington, Ind.	Perrin, Weldon G.	Pocatello, Idaho
Murphy, Ralph S.	Bryan, Texas	Perry, E. A.	Dadeville, Ala.
Murray, Hubert	Altus, Okla.	Perry, J. Roy (MF)	Lakeport, Calif.
		Peterson, Glenn A.	Jacksboro, Tex.
Nance, Earl C.	Woodward, Okla.	Pfeiffer, N. B.	Chase City, Va.
Naphan, Edmund A.	Reno, Nev.	Pitts, J. J.	Yazoo City, Miss.
Neher, Raymond E.	Hays, Kans.	Plantz, Merritt A.	Alliance, Nebr.
Neill, James T.	McPherson, Kans.	Pleasants, R. C.	Raleigh, N. C.
Nelson, Erling F.	Barron, Wis.	Poff, Irvin R.	Gainesville, Tex.
Nelson, Ralph E.	Barkley, Calif.	Pollard, Albert W.	Northampton, Mass.
Nevlun, Jesse J.	Goldendale, Wash.	Pollock, Robt. S.	Kearney, Nebr.
Newman, J. B.	Greenville, N. C.	Polone, Dock J.	Claremore, Okla.
Newman, Leonard S.	Lewisburg, W. Va.	Powell, David P.	Gainesville, Fla.
Newman, R. A. (MF)	Louisburg, N. C.	Preator, Rodney E.	Mancos, Colo.
Nestrud, Lorne M.	Siox Falls, S. D.	Preston, D. G.	Lexington, Ky.
Neumeyer, Louis N.	Marshall, Tex.	Priest, Thomas W.	St. Anthony, Idaho
Nichols, John M.	Soledad, Calif.	Prill, Robert C.	Newton, Iowa
Nielson, Evan C.	Kalispell, Mont.	Fryer, H. G.	Columbus, Miss.
Nielson, James L.	Glenwood Springs, Colo.	Puchalski, Matthew A.	Middletown, Conn.
		Putnam, Lee A.	Corsicana, Tex.
Nishimura, John	Montrose, Colo.	Pyfer, Fred L.	Deer Park, Wash.
Norfleet, C. R.	Appomattox, Va.		
Noyes, John K.	Choteau, Mont.	Quakenbush, G. A.	New Brunswick, N. J.
Noyes, Newton E., Jr.	Durango, Colo.		
Nye, W. W.	Meridian, Miss.	Radeke, Robert E.	Rapid City, S. D.
		Randall, Everett C.	Tucson, Ariz.
Oakley, Alfred A., Jr.	Hemet, Calif.	Randall, George W.	Benton Harbor, Mich.
Odor, H. B.	Williamstown, Ky.	Rasmussen, Jack J.	Bellingham, Wash.
Olds, Clarence R.	Harrisburg, Oreg.	Rayburn, James B.	Point Pleasant, W. Va.

Reed, W. D. Lexington, Ky.  
 Reese, Paul W. Warren, Ohio  
 Reese, William Columbus, Ohio  
 Reiblich, Karl F. Summersville, W.Va.  
 Reinan, Jerome M. Williston, N. Dak.  
 Reiske, Robt. F. Chelmsford, Mass.  
 Reynolds, Emmett F. Denhan Springs, La.  
 Richard, Chas. A. Opelousas, La.  
 Richards, Ralph J. Seattle, Wash.  
 Richardson, A. J. Carrollton, Ky.  
 Richins, C. Grant Idaho Falls, Idaho  
 Richmond, T. E. Falmouth, Ky.  
 Rickens, Clifton W. Ogden, Utah  
 Ricketts, Robt. O. Mountainair, N.Mex.  
 Riley, Richard M. Newport, Me.  
 Ritchie, F. T., Jr. Montgomery, Ala.  
 Rivera, L. H. Mayaguez, P. R.  
 Rivers, E. D. Hattiesburg, Miss.  
 Robertson, Alex S. St. Paul, Minn.  
 Robertson, S. M. Gainesville, Ga.  
 Robeson, T. C. Port Gibson, Miss.  
 Robinson, C. C. Atlanta, Ga.  
 Rockers, James J. Kingman, Kans.  
 Roebeker, M. A. (MF) Grand Junction, Colo.  
 Rogers, Ronald R. Childress, Tex.  
 Romine, Dale S. (Collab.) Ft. Collins, Colo.  
 Ropel, Edw. R. Leesport, Pa.  
 Ross, J. C. Elizabethtown, Ky.  
 Ross, W. James Portales, N. Mex.  
 Rothwell, Robt. J. Fonda, N. Y.  
 Rowland, L. O. Lumberton, N. C.  
 Rowlett, A. B. (MF) Tappahannock, Va.  
 Royal, W. E. Greensboro, N. C.  
 Rudolph, Foster Wapakoneta, Ohio  
 Russell, Robt. C. Muscatine, Iowa  
 Ruth, Geo. F. Hathorne, Mass.

Saffery, Orville W. Mankato, Kans.  
 Sahara, Tamotsu T. Wahiawa, Oahu, T.H.  
 Salurann, Richard A. Boise, Idaho  
 Sanders, Frank W. Crawfordsville, Ind.  
 Sankar, Russell R. Iaredo, Tex.  
 Sandoval, Fred M. Las Vegas, N. Mex.  
 Sautner, Howard E. Seward, Nebr.  
 Say, A. H. Staunton, Va.  
 Sealf, John R. Ruston, La.  
 Schlets, Fred E. Yakima, Wash.  
 Schenphorster, Dale B. Barron, Wis.  
 Schurig, Rudolph Cottonwood, Ariz.  
 Schwartz, Ralph L. Abilene, Tex.  
 Scilley, Francis Elyria, Ohio  
 Scroggins, Afton Forrest City, Ark.  
 Seal, Marvin L. State College, N.M.  
 Searcy, A. D. Wrightsville, Ga.  
 Sease, E. C. Memphis, Tenn.  
 Secor, Wilber Sodus, N. Y.  
 Shade, Earl L. Imperial, Calif.

Shaw, Earnie W. Jr. Lubbock, Tex.  
 Shepard, J. L. Jr. (MF) Columbus, Ga.  
 Sherard, H. Decatur, Ala.  
 Sherburne, L. E. Pocatello, Idaho  
 Shields, Robt. L. Lancaster, Ohio  
 Shiozaki, Jungi J. Price, Utah  
 Shoosmith, Lloyd Fargo, N. Dak.  
 Shope, W. I. Sanford, N. C.  
 Shrewsbury, R. D. Jr. Madisonville, Ky.  
 Sickeler, Gail F. Rochester, Minn.  
 Sidner, Robt. A. (MF) Bath, N. Y.  
 Simpson, James D. College Station, Tex.  
 Simerson, A. H. Malvern, Ark.  
 Sims, R. C. Mt. Olivet, Ky.  
 Slat, Robert Iron Mountain, Mich.  
 Slaton, Chas. B. S. Wellsboro, Pa.  
 Slusher, David F. Storm Lake, Iowa  
 Smith, Donald H. (LWOP) Santa Fe, N. Mex.  
 Smith, Harold M. Champaign, Ill.  
 Smith, Ralph S. E. New England, N. Dak.  
 Smith, Sanford M. Sigourney, Iowa  
 Sodman, Norman L. Sheridan, Wyo.  
 Souder, Warren G. Rockville, Md.  
 Sparwasser, W. A. Duncan, Okla.  
 Spears, Maurice J. Harlingen, Texas  
 Sperry, George C. Chamberlain, S. D.  
 Spraberry, J. A. Grenada, Miss.  
 Stearns, Benedict R. Pittsfield, Mass.  
 Steed, Charles R. Warren, Ark.  
 Steele, J. Gordon Washington, D. C.  
 Steingraeber, Jos. A. Waukesha, Wis.  
 Stem, Robert W. Coudersport, Pa.  
 Stephens, F. Tuskegee, Ala.  
 Stephens, Francis H. Fort Smith, Ark.  
 Stephens, Harold V. Harlingen, Tex.  
 Stephens, M. E. Auburn, Ala.  
 Stevens, J. C. Valdosta, Ga.  
 Stevens, W. W. Raleigh, N. C.  
 Stilwell, John J., Jr. Elkton, Md.  
 Stockinger, Karl R. El Paso, Texas  
 Stokes, Howard A. Cedar City, Utah  
 Stoltenberg, Norval L. Lafayette, Ind.  
 Stone, E. M. Waycross, Ga.  
 Stott, Laurel H. Richfield, Utah  
 Stout, Maurice Jr. Hillsboro, Ohio  
 Strauch, Fred Greeley, Colo.  
 Strelow, Harvey V. Wausau, Wis.  
 Stuart, Darrel M. (LWOP) Price, Utah  
 Stuck, W. M. Jalterboro, S. C.  
 Sullivan, M. W. Kinestree, S. C.  
 Sullivan, Thos. F. Plainview, Texas  
 Swanson, Richard C. Chamberlain, S. D.  
 Swenson, John L. Jr. Roosevelt, Utah  
 Swinehart, Alvin W. Athens, Ohio  
 Tate, O. Waldo Ottawa, Kans.  
 Taylor, D. S. Fort Myers, Fla.

Taylor, David C.	Kingwood, W. Va.	Webb, D. T.	Jackson, Miss.
Taylor, Frank B.	Lacrosse, Wash.	Webb, Delmar H.	Lewiston, Idaho
Taylor, James A.	Moorestown, N. J.	Weber, Hermann L.	Traverse City, Mich.
Taylor, J. L.	Catlettsburg, Ky.	Weems, Tracey A.	Tallulah, La.
Taylor, Howard M.	Littlefield, Texas	Weight, Brent N.	Great Falls, Mont.
Thatcher, Albert P.	Glenrock, Wyo.	Weimer, Edward R.	Trinidad, Colo.
Thomas, Delbert D.	Durand, Wis.	Weiss, Russel E.	Kearney, Nebr.
Thomas, Jesse R., Jr.	Tyler, Tex.	Walker, Anthony J.	Pampa, Tex.
Thompson, Donald G.	Jamestown, N. D.	Wells, R. D.	Atlanta, Ga.
Thompson, James R.	Charleston, Ill.	Wells, R. H.	Clarksdale, Miss.
Thompson, Jesse G.	Muleshoe, Tex.	Wendt, George	Durango, Colo.
Thomson, John P.	Colville, Wash.	Wennblom, John A.	Sioux Falls, S.Dak.
Thorne, James P.	Logan, Utah	Warchan, Leroy E.	Rockdale, Texas
Timmons, Howard M.	Jonesboro, Ark.	Wertz, Wm. A.	East Aurora, N. Y.
Tomlinson, James R.	Madison, Wis.	Wesnitzer, Wm. J.	Gillette, Wyo.
Torrance, Stuart W.	Madison, Wis.	West, Burnell G.	Grand Junction, Colo.
Trail, C. D.	Birmingham, Ala.	White, Wm. E.	Grand Junction, Colo.
Trew, Philip H.	Plainview, Texas	Wichman, M. F.	Ft. Worth, Texas
Trouse, Albert C. Jr.	Wailuku, Maui, T.H.	Wilbur, Merriett G.	Cape Girardeau, Mo.
Trussell, Daniel F.	Logan, Utah	Wilkinson, Marvin L.	Greybull, Wyo.
Turner, Millard T.	Dublin, Texas	Willey, Roslyn B.	Presque Isle, Me.
Turner, Robert I.	Hampton, Iowa	Williams, J. Melvin	Caldwell, Idaho
Turner, W. L., Jr.	Blacksburg, Va.	Williams, Jno. A.	Albuquerque, N.M.(Lab)
Tuthill, B. E.	Great Bridge, Va.	Williams, L. G.	Nashville, Tenn.
Tyer, M. C.	New Albany, Miss.	Williams, Lynn H.	Lakewood, Oreg.
		Williams, W. G. (MF)	Swainsboro, Ga.
Upham, Charles W.	Brockton, Mass.	Williamson, Herbert F.	Vincennes, Ind.
		Williard, John E.	Albion, Nebr.
Vaden, J. H.	Emporia, Va.	Willson, G. C., Jr.	Chesterfield, Va.
Valentine, James H.	Ft. Worth, Tex.	Wilson, C. S.	Newton, N. C.
Vanatta, E. S., Jr.	Fort Myers, Fla.	Wilson, G. V.	Staunton, Va.
van der Voet, Dirk (MF)	Concord, N. H.	Wilson, Kenneth P.	Princeton, N. J.
Vieira, Frank J.	Lancaster, N. H.	Wing, Gordon N.	Eau Claire, Wis.
Vincent, James E.	Robstown, Texas	Winsor, J. H.	Lexington, Ky.
Vlasoff, Paul I.	Tonasket, Wash.	Winters, Eugene P.	Stayton, Oreg.
Voigtel, Richard M.	Nreogdoches, Tex.	Withee, Laureston V.	Parsons, Kans.
Volk, Raymond	Bottineau, N. D.	Wohletz, Leonard R.	Berkeley, Calif.
		Wong, Edward S.	Corning, Calif.
Vade, F. W.	West Liberty, Ky.	Woodruff, Geo. A.	Preston, Idaho
Vagner, Richard J.	San Jose, Calif.	Woods, J. C.	Hinesville, Ga.
Vagstaff, C. D.	Wadesboro, N. C.	Woodward, Lovell	Provo, Utah
Vahl, Frank E.	Minot, N. D.	Work, Ralph	Fort Edward, N. Y.
Vakerfield, J. B., Jr.	Aiken, S. C.	Worster, John R.	Fairfield, Iowa
Valker, Elmer	Magnolia, Ark.	Wright, A.	Statesboro, Ga.
Valker, George O.	Anna, Ill.	Wynn, A. H.	Greenwood, Miss.
Vallace, Donald	Mt. Vernon, Ill.		
Valsh, Arthur J.	Waupaca, Wis.	Yager, Thos. U.	Artesia, N. Mex.
Valter, Philip J.	Towson, Md.	Yamaga, Russell H. (WAE)	Ft. Collins, Colo.
Vankier, Maynard C.	Chinoek, Mont.	Youberg, Chas. F. (MF)	Rocky Ford, Colo.
Vard, Robert E.	Tillamook, Oregon	Young, Robert A.	York, Pa.
Vare, C. B. Jr.	Walterboro, S. C.	Zarza, Roy	Ludington, Mich.
Varren, Robert L.	Denison, Iowa	Zayach, Stephen J.	St. Albans, Vt.
Varrick, E. S.	Shelby, N. C.	Zellers, Robert G.	Montrose, Pa.
Vaterman, Lucius W.	Newcastle, Calif.	Ziebell, Martin G.	Lowville, N. Y.
Watts, J. B.	Goldsboro, N. C.	Zimmerman, J. L.	Salisbury, N. C.
Watts, W. L.	New Albany, Miss.	Zimmerman, W. H. (MF)	Paducah, Ky.
Weaver, A.	Whiteville, N. C.	Zobler, Leonard (LWOP)	Bridgeton, N. J.



REGION 1

Adams, Henry R. (Reg. Off.)  
Ferris, H. James (FC)  
Kozachyn, John (FC)

Connecticut

Conick, Walter  
Ilgen, Lewis W.  
Fuchalski, Matthew A.

Delaware

Fox, William R.

Maine

Anno, John R. (WAE)  
Bithar, Ray A. (WAE)  
Farley, William H.  
Faust, Albert P.  
\*Hardesty, J. Stewart  
Michaels, Sheldon  
Riley, Richard M.  
Willey, Roslyn D.

Maryland

Compy, Elvin E. W.  
\*Hershberger, Merl F.  
Hutton, Frank Z., Sr.  
Souder, Warren G.  
Stilwell, John J., Jr.  
Walter, Philip J.

Massachusetts

Filios, Frederick A.  
Pollard, Albert W.  
Reiske, Robert F.  
Ruth, George F.  
Stearns, Benedict R.  
Upham, Charles W.

New Hampshire

Carter, William J.  
van der Voet, Dick (MF)  
Vicira, Frank J.

New Jersey

Backer, Albert E.  
Markley, Marco L.  
\*Quakenbush, G. A.  
Taylor, James A.  
Wilson, Kenneth P.  
Zobler, Leonard (LWOP)

New York

Ackerson, Kenneth E.  
Baltz, Mary C.  
Bartlett, John B.  
\*Baur, Arnold J.  
Finley, Robert R.

Flora, Donald F.  
French, Lewis M. (WAE)  
Giddings, Edward B.  
Hutton, Frank Z., Jr.  
Indorf, Frank E., Jr.

Kirk, Leslie W.  
Laur, Burton R.  
Rathwell, Robt. J.  
\*\*Secor, Wilber  
Sidner, Robt. A. (MF)  
Wertz, William A.  
Work, Ralph  
Ziebell, Martin G.

Pennsylvania

Beard, Joseph S.  
Cuney, John B.  
Craddock, J. C., Jr. (LWOP)  
Cruikshank, Robt. S.  
Hannigan, William D.  
Hixson, Herbert J.  
Leer, Donald C.  
\*Loughry, Frank G.  
Meier, John F.  
Ropel, Edward R.  
Slaton, Chas. B. S.  
Stem, Robert W.  
Young, Robert A.  
Zellers, Robert G.

Rhode Island

McQueen, John E.

Vermont

Allen, George W.  
Dondoro, Louis J.  
Cowley, Richard F.  
Griggs, John E., Jr.  
\*Howard, Montague, Jr.  
Kodess, Abner H.  
Zapach, Stephen J.

West Virginia

Beverage, Woodrow W.  
Curry, William H.  
Espy, Lester E.  
Fonner, Robert F.  
Gorman, John L.  
Kunkle, W. Merrill  
Newman, Leonard G.  
\*Pacton, Boyd J.  
Rayburn, James B.  
Reiblich, Karl F.  
Taylor, David C.

REGION 2

Fuller, G. L. (Reg. Off.)  
Caudle, J. E. (Reg. Off.)  
Breinig, C. B. (FC)

Alabama

Allredge, E.  
Bowley, J. P.  
Burgess, L. H.  
Carter, O. R.  
Clement, J. F.  
Dahms, K. E.  
Harlin, W. V.  
Henry, R. E.  
Kelley, W. H.  
Lund, Z. F.  
McBride, E. H.  
Perry, E. A.  
\*\*Ritchie, F. T., Jr.  
Sherard, H.  
Stephens, F.  
\*Stephens, M. E.  
Trail, C. D. (MF)

Florida

Buckhannan, W. H.  
Cook, W. H.  
Craig, R. M.  
Cromartie, J. B.  
Diamond, W. G.  
Furman, A. L.  
Haas, W. S.  
Houston, T. B.  
Johnston, H. B.  
\*Lewis, O. C.  
Millsap, Z. T., Jr.  
Moore, J. R.  
Morgan, M. S.  
\*\*Powell, D. P.  
Taylor, D. S.  
Vanatta, E. S., Jr.

Georgia

Bartlett, W.  
\*\*Bennett, J.  
Bramlett, G. L.  
Byrd, H. J.  
\*\*Calhoun, J. W.  
\*Covell, R. R.  
Crabb, T. N.  
Craft, R. W., Jr.  
Davis, H. T.  
Huff, J. R. (MF)

\* State Soil Scientist

\*\* Survey Supervisor

State Soil Scientists in Region 1 have headquarters in the States shown. The following men are also State Soil Scientists in additional States: J. S. Hardesty, New Hampshire; Montague Howard, Jr., Massachusetts and Rhode Island; Granville A. Quakenbush, Connecticut; and Merl F. Hershberger, Delaware.



Georgia (continued)

Hungerford, J.B. (MF)  
 Iseley, E. E.  
 Jensen, E. R.  
 Jordan, D. H.  
 Lawson, J. C.  
 McIntyre, C. L.  
 Middleton, R. G.  
 Owens, J. C.  
 Payne, H. H.  
 Robertson, S. M.  
 Robinson, C. C.  
 Searcy, A. D.  
 Shepard, J.L., Jr. (MF)  
 Stevens, J. G.  
 Stone, E. M.  
 Wells, R. D. (MF)  
 Williams, W. G. (MF)  
 Woods, J. C.  
 Wright, A.

Kentucky

Ames, D. F.  
 Brooks, G. R.  
 Bryan, W. B., Jr.  
 Bryan, R. C.  
 \*Carpenter, W. W.  
 Carroll, B. T.  
 Converse, H.T., Jr.  
 Dawson, C. A.  
 Dicken, C. M.  
 Dye, J. W.  
 Herish, D. M.  
 \*\*Huffman, E. V.  
 Humphreys, M. B.  
 Isgrig, D.  
 Johnson, A. B.  
 Leathers, T. R.  
 Lee, J. H.  
 Leighty, B. V.  
 Love, P. M.  
 Luttrell, C. D.  
 McDonald, H. P.  
 Odor, H. B.  
 Orr, D. W.  
 Partin, W. R.  
 Preston, D. G.  
 Reed, W. S. (MF)  
 Richardson, A. J.  
 Richmond, T. E.  
 Ross, J. C.  
 Shrewsbury, R. E., Jr.  
 Sims, R. C.  
 Taylor, J. L.  
 Wade, F. W.  
 \*\*Winsor, J. H.  
 Zimmerman, W. H. (MF)

Mississippi

Anderson, J. L.  
 Burns, J. D.  
 \*\*Carter, R. C.  
 Dent, J. H., Jr.  
 Elliott, J. W.  
 Fortenberry, V. E.  
 Freeman, C. H.  
 Galberry, H. S.  
 Garber, M. C.  
 \*\*Havens, Y. H.  
 Jones, H. A.  
 Lane, H. C. (MF)  
 Martin, H. L.  
 Matthews, E. D.  
 McGehee, V. H.  
 Milbrandt, A. C.  
 Nye, W. V.  
 Pitts, J. J.  
 Pryor, H. G.  
 Rivers, E. D.  
 Robeson, T. C.  
 Spraberry, J. A.  
 Tyer, M. C.  
 Watts, W. L.  
 \*Webb, D. T.  
 Wells, R. H.  
 Wynn, A. H.

North Carolina

Aull, I. E.  
 Barnhill, W. L.  
 Bragg, H. J.  
 Burgess, E. F.  
 Covington, J. P.  
 Earle, C. H., Jr.  
 Haskins, W.  
 → Hearn, S. H.  
 Horton, R. E.  
 \*\*Hunt, C. L.  
 Karnowski, E. H.  
 King, J. M., Jr.  
 Meadows, J. A.  
 Newman, J. B.  
 Newman, R. A. (MF)  
 Pleasants, R. C.  
 Rowland, L. O.  
 Royal, W. E.  
 Shope, W. I.  
 \*Stevens, W. W.  
 Wagstaff, C. D.  
 Warrick, E. S.  
 \*\*Watts, J. B.  
 Weaver, A.  
 Wilson, C. S.  
 Zimmerman, J. L.

South Carolina

Byrd, H. S.  
 Camp, W. J.  
 Colburn, W. L.  
 Crow, E. E.  
 Davis, W. A.  
 Fulmer, H. P.  
 Green, F. L.  
 Jones, W. E.  
 Lawrence, C. B.  
 \*\*Losesne, F. F.  
 McDonald, J. E.  
 \*\*Miller, E. N., Jr.  
 \*Montgomery, P. H.  
 Stuck, W. M.  
 Sullivan, M. W.  
 Wakefield, J. B., Jr.  
 Ware, C. B., Jr.

Tennessee

\*Brown, N. I.  
 Clement, A. B.  
 Cothran, J. B.  
 Flatt, L. W.  
 Hicks, T. J.  
 Hogan, C. A.  
 Hughes, J. W.  
 Hunter, D. W.  
 Jackson, G. T.  
 Jent, C. H., Jr.  
 Longwell, T. J.  
 Sease, E. C.  
 Williams, L. G.

Virginia

Brunger, E. H.  
 Carter, J. B.  
 Chudoba, G. J.  
 \*\*Clay, J. W.  
 Dever, R. F.  
 \*Devereux, R. E.  
 Feeman, A. I.  
 Gattys, W.  
 → Gold, S. F.  
 Hursey, F. W.  
 Ireland, W., Jr.  
 Kane, J. F.  
 Judy, C. N.  
 Mumm, C. W.  
 Norfleet, C. R.  
 Pfeiffer, N. B.  
 Rowlett, A. B. (MF)  
 Sbar, A. H.  
 Turner, W. L., Jr.  
 Tuthill, B. E.  
 Vaden, J. H.  
 Willson, G. C., Jr.  
 \*\*Wilson, G. V.

Puerto Rico

Boothby, R. N.  
\*\*Cordova, J. P.  
Juarez, J., Jr.  
Rivera, L. H.

REGION 3

Paschall, A.H. (Reg. Off.)

Illinois

Agathen, Anthony  
Benson, Lawrence L.  
Brownell, Hiram  
Cummins, L. L.  
Downey, Charles  
Harland, M. B.  
Hopkins, Donald  
Hudelson, Paul  
Jorgensen, Ingolf H.  
\*Klingebiel, A. A.  
Kudey, Homer  
Mays, William  
Miller, L. L.  
Parenteau, Robert  
Paschke, John E.  
Pedersen, Edwood  
\*\*Smith, Harold M.  
Thompson, James R.  
Walker, George O.  
Wallace, Donald

Indiana

\*Bass, Turner C.  
Binnie, R. Rexford  
Edmonds, Nuel F.  
Guernsey, Carl W.  
Grunewald, Armin R.  
Hutchinson, Ned R.  
Kronenberger, R.C. (FC)  
Kyler, Rudolph H., Jr. (MF)  
Modesitt, Robert E.  
Montgomery, Dallas D.  
Murdock, Stanley H.  
Stoltenberg, H.D. (Lab.)  
Sanders, Frank W.  
Williamson, Herbert F.

Iowa

\*Barnes, Byron A.  
Buckner, Russell  
Burr, Edwin P.  
Cowles, Donald A.  
Daniels, Raymond  
Dillon, Sidney (MF)  
Friedrich, Orval  
\*\*Grant, Lothair  
Hanson, Aaron J.  
Hanson, Arlon  
Harmon, Lacy I.

Highland, John

Jury, Wilbur  
Kerker, Earl J.  
King, Elton L.  
Kittleson, K. K.  
Prill, Robert (LWOP)  
Russell, Robert C.  
Slusher, David  
Smith, Sanford M.  
Turner, Robert I.  
Wurven, Robert L.  
Worster, John R.

Michigan

Ansterburg, Robert J.  
Austin, Franklin  
\*\*Bartelli, Lindo J.  
Bedell, Glen  
Boyce, Thomas F.  
Dopka, Bernard  
Dornance, A. B.  
\*Engberg, C. A.  
Gunnerson, Ray  
Irvin, Alan  
Paseo, Dale E.  
Randall, George  
Slate, Robert  
Weber, H. L.  
Zarza, Ray

Minnesota

Anderson, Woodrow W.  
Cline, Henry R.  
Cummins, Joseph F.  
Edwards, Russell J.  
Grimes, Myron F.  
Jarms, Grenfall F.  
Hokanson, Hilding L.  
Isavala, Hans C.  
Hoier, Edmund R.  
\*Robertson, Alex S.  
Sickeler, Gail F.

Missouri

Aikpus, Roy (FC)  
Dimmitt, Melvin E.  
\*Grogger, Harold E.  
Hamby, Robert M.  
Harness, John R., Jr.  
Jeffrey, Allan H.  
Kryser, Herbert M. (FC)  
Kintner, Galen E.  
Wilbur, Morriett G.

Ohio

Andrus, Howard W.  
\*\*Bender, William H.  
Bone, Samuel  
Brock, Alec  
Dotson, G. Kenneth

Gray, Fenton (LWOP)

Hayden, Rodney  
Innis, Charles  
Ivancic, John  
Lawrence, John  
Leasig, Heber D.  
Matthes, Lester J.  
\*\*Meeker, Ralph L.  
\*Morse, H. Howe  
Reese, Paul W.  
Reese, William  
Rudolph, Foster  
Scilley, Francis  
Shields, Robert L.  
Stout, Maurice  
Swinehart, Alvin

Wisconsin

Bartelme, Robert J.  
Berkman, Elgis H.  
Butman, Burel S.  
Dahlstrand, Nils P.  
\*DeYoung, William  
Fiedler, Howard W.  
Fitzgerald, Warren J.  
Hoene, Robert W.  
Link, Ernest G.  
Nelson, Erling F.  
Schorphenster, Dale B.  
Steingraeber, Joseph A.  
Strelow, Harvey V.  
Thomas, Delbert D.  
Tomlinson, James R.  
\*\*Torrance, Stuart W.  
Walsh, Arthur J. (MF)  
Wing, Gordon N.

REGION 4

Marshall, R. M. (Reg. Off.)  
Deeter, E. B. (Reg. Off.)  
Valentine, Jas. H. (Reg. Lab.)  
Wichman, M. F. (Reg. Lab.)

Arkansas

Cook, Robert J.  
Davey, William B. (FC)  
(Detailed Forest Serv.)  
Edwards, Glavis B.  
\*\*Finger, Charles J., Jr.  
Gray, James L.  
Gregory, Russell  
Kinkaid, Ewing  
Larance, Fred C.  
\*Lawson, Marvin  
Lee, Thomas P.  
Long, H. Wade  
Maxwell, George  
McCollum, Charlie N.

Arkansas (Continued)

McGrew, Carl  
Millard, Thomas T.  
Mott, Joe H.  
O'Neal, William C.  
Seroggins, Afton  
Simerson, A. E.  
Steed, Charles R.  
Stephens, Francis H.  
Timmons, Howard M.  
Walker, Elmer

Louisiana

Berry, Buford G.  
Clark, Henry L.  
Chaffin, Bruce F.  
DaGian, Augustus J.  
DeMent, James A.  
Fontenot, D. L., Jr.  
Kerr, Alexander (MF)  
Loftin, Lester L.  
Mangum, Alton  
Reynolds, Emmett F.  
Richard, Charles A.  
Sealf, John R.  
Weems, Tracey A.

Oklahoma

\*\*Anderson, Edward J.  
Bailey, Owen  
Baumann, W. Elmo (Lab.)  
Berg, Alvin  
Brown, Robert  
Bull, A. D.  
Burgess, Dent L.  
Coffey, Winston  
Craft, Roy  
\*Darr, Louis E.  
Dries, Fred  
Fielder, A. G.  
Gault, Milton  
Hall, Scott  
King, June  
Long, Rosece M.  
Maxwell, A. J.  
Meinders, Hadley C.  
Murray, Hubert  
Nance, Earl C.  
Penn, Ray  
Polons, D. J.  
Sparwasser, W. A.

Texas

Abbott, James D.  
\*\*Agee, William R. (MF)  
Aldredge, John H.  
Benton, Thomas H.  
Blair, Jess F.  
Blankenship, Dolman A.  
Blum, Ervin L.

Boehm, Edward G.  
Botts, Oral L.  
Bower, James E.  
Brasher, William F.  
Britton, Vernon H.  
Brooks, Charles A.  
\*\*Brown, Mark H. (MF)  
Buckley, Wilson B.  
Bynum, Otto W.  
Carson, Alfred D.  
Cobb, Wayne H.  
Coffee, Daniel R.  
Coover, James R.  
Cox, Curtis C.  
Crout, Jack D.  
\*\*Daniell, Robert E.  
Darby, Gerald M.  
Dry, L. Edward  
\*\*Dean, Horace C.  
Duncan, Frank L.  
\*\*Elder, William R.  
Fox, Robt. E. (Actg. SS)  
Franki, Guido E.  
Fuchs, Westal W.  
Geffart, Freddie Jr.  
Giddons, Thomas W.  
Gooch, Hulon D.  
\*\*Gorden, Lester L.  
Haley, Roland B.  
Hall, Jack L.  
Hall, Miles I.  
Hanson, Arthur  
Hensell, James L.  
Higginbotham, Billy F.  
Hill, Ralph H.  
Hitt, Harold  
Hodges, Harold P.  
Huckabee, John W., Jr.  
Jacquot, Louis L.  
Johnson, Charles R.  
Loggett, Jess H., Jr.  
Lavis, Don A., Jr.  
Lofston, K. T.  
McCaskill, Gerald  
McClain, Jack W.  
McClintock, Wm. R., Jr.  
McNally, Wm. P.  
Marks, George C.  
Martin, Billy D.  
Mayeaux, Dale L.  
Monda, Wm. D.  
Murphy, Ralph S.  
Neumeyer, Louis N.  
Pennington, Malcolm C.  
Peterson, Glenn A.  
Poff, Irvin R.  
Putnam, Lee A.

Rogers, Ronald R.  
Sanders, Russell R.  
✓\*\*Schwartz, Ralph L.  
Shaw, Earnie W., Jr.  
\*Simpson, James D.  
Spears, Maurice J.  
Stephens, Harold V.  
✓ Stockinger, Karl R. (LWOP)  
Sullivan, Thomas F.  
Taylor, Howard M.  
Thomas, Jesse R., Jr.  
Thompson, Jesse G. (LWOP)  
✓ Trew, Philip H.  
Turner, Millard T.  
Vincent, James E.  
Voigtel, Richard M.  
Walker, Anthony J.  
Werchan, Leroy E.

REGION 5

Lewis, R. O. (Reg. Off.)  
Eikleberry, R. W. (Reg. Off.)

Kansas

Bull, Elbert L.  
Bostright, Wm. C.  
Bush, Eugene S.  
Day, Wilborn N.  
Dodge, Darold A.  
Dunmore, Ralph G.  
\*Fly, Claude L.  
Fourier, Donald M.  
\*\*Jackson, Richard K.  
McBee, Charles  
Neher, Raymond E.  
Neill, James T.  
\*Otsuki, Henry T.  
Rockers, James J.  
Saffry, Orville W.  
Tate, O. Waldo  
Withee, Laureston V.

Montana

Beatty, Marvin T.  
Cardon, Wm. H.  
Castleberry, Richard D.  
\*Cawfield, Dave R.  
Clark, Clair O. (CW)  
Dineen, Norman T.  
Ellison, Arlo C.  
Haigh, June G.  
Hogan, Ernest K.  
\*\*McConnell, Ronald C. (CW)  
Miller, Franklin T.  
\*\*Moshier, Ronald L.  
Nielson, Evan C.  
Noyes, John Keith  
Olsen, James A.  
Penner, Harold L.

Montana (Continued)

Wankier, Maynard C.  
Weight, Brent N.

Nebraska

Bryan, Wm. B., Jr.  
Crook, Charles B.  
Fairchild, Warren D.  
Good, Kenneth J.  
\*\*Greenawalt, Ross D.  
Greiner, Loren M.  
Hakanson, John A.  
Kiestler, Kenneth R. (MF)  
Lindell, John E.  
McKinzie, Wm. E.  
Miller, Maurice W.  
\*Mitchell, Lloyd E.  
Plantz, Merritt A.  
Pollock, Robert S.  
Sautter, Howard E.  
Weiss, Russel E.  
Williard, John E.

North Dakota

\*\*Bahr, A. Francis  
Baker, Bertram C.  
Bannister, Donald L.  
Bartz, Clayton C.  
Bauer, Armand  
Boenen, Eugene L.  
Brackett, Gordon L.  
Erickson, Carl J.  
Howey, Robert L.  
Joos, Lloyd L.  
Larson, Kermit E.  
Larsen, Wesley M.  
\*\*Omodt, Hollis W.  
Reinan, Jerome M.  
\*Shoesmith, Lloyd  
Smith, Ralph S. E.  
Thompson, Donald G.  
Volk, Raymond  
Wahl, Frank E.

South Dakota

\*Avery, Glenn A.  
Dunlavy, John T.  
\*\*Lumb, Elroy R.  
Moxon, Duane C.  
Moxon, Vernon W.  
Nestrud, Lorne M.  
Ollila, Toivo J.  
Parker, Richard D.  
Radeke, Robert E.  
Sperry, George C.  
Swanson, Richard C.  
Wennblom, John A.

Wyoming

\*Bindschadler, Harold  
\*\*Brunkow, Ernest F.  
Fowkes, Clarence J.  
Fricke, James R.  
Harston, Miles B. (MF)  
Iiams, John E.  
Lewis, Don J.  
Sodman, Normal L.  
Thatcher, Albert P.  
Wesnitzer, Wm. J.  
Wilkinson, Marvin L.

REGION 6

Isaacson, M. R. (Reg.Off.)  
Hutchings, T. B. (Reg.Off.)  
Koch, Charles J. (Reg.Off.)  
Diebold, Chas. H. (Reg.Lab.)  
Decker, Rey S. (Reg.Lab.)  
Williams, John A. (Reg.Lab.)

Arizona

Brown, J. Ellsworth  
Christensen, M. A.  
Fronsk, John H.  
Hansen, Bernard C.  
\*Headley, Roger D.  
\*\*James, Milo S.  
Kester, Gerald  
Mollenhoff, H. H.  
Randall, E. C.  
Schurig, Rudolph

Colorado

Accola, Robt. C. (Lab.)  
Allen, John M. (MF)  
\*\*Baber, Thos. G.  
Beierbach, Ervin F.  
Boulter, Kenneth E.  
Brown, Joseph B.  
Brown, Warren J.  
Clocker, Lawrence  
Dansdill, Robt. K.  
Dodson, Clem H.  
Frederick, W.J. (Dr.Spec.)  
Glidden, Wm. S.  
Hargrove, Ross W.  
Henderson, Richard C.  
Hunter, William  
Jay, James E.  
Keesey, Leonard  
Koehler, Harold  
McCurry, Milton L.  
Moreland, Donald C.  
Nishimura, John  
Noyes, Newton E. Jr.

Nielson, James L.  
Olsen, Marvin E.  
Parsons, Orville A.  
Paxton, Fay M.  
\*Payne, E. Milton  
Preator, Rodney  
Roebeker, M. A. (MF)  
Romine, Dale S. (Collab.)  
Strauch, Fred  
Wendt, George  
\*\*West, Burnell G.  
Weimer, Edward R.  
White, Wm. E.  
Yamaga, R. H. (WAE-Lab.)  
Youberg, Chas. F. (MF)

New Mexico

Atkinson, Wm. H.  
\*Buchanan, Wm. A.  
Cahoon, Joe S.  
Carmichael, C. J.  
Folks, James J.  
Gomez, Robt. S.  
Hilley, Terry E.  
\*\*LeVee, William M.  
Lincoln, Joe T.  
\*Maker, Harrison J.  
Miller, Paul N.  
Rickotts, Robert O.  
Ross, W. James  
Sandoval, Fred M.  
Seal, Marvin L. (Lab.)  
Smith, Donald H. (LWOP)  
Yager, Thomas U.

Utah

Barney, Marvin L.  
Broderick, J. Howard  
Call, Richard W.  
Chadwick, Raymond S.  
Erickson, Austin J.  
Johnson, Irvin L. (WAE)  
Merrell, Clifford L.  
\*\*Metcalf, John W.  
Rickens, Clifton W.  
Shiozaki, J. J.  
Stokes, Howard A.  
Stott, Laurel H.  
Stuart, Darrel M. (LWOP)  
Swenson, John L. Jr.  
Thorne, James P. (Lab.)  
\*Trussell, Daniel F.  
Woodward, Lowell

REGION 7

Cosby, S. W. (Reg.Off.)  
Deardorff, C.E.(Reg.Off.)

Alaska

\*\*Day, Thomas H.

Hawaii

Berg, John W.  
\*\*Kingsbury, Joe W.  
Sahara, Tamotsu  
Trowse, Albert C., Jr.

California

Borst, George Jr.  
Bowen, Robert A.  
Carman, Robt. B.  
\*\*Eggers, Fred C.  
Foster, John A.  
\*\*Gibbs, George K.  
Graham, Fred U.  
Hallisey, Wm. A.  
Huff, Richard C.  
Hutchings, Roland R.  
Kennedy, Grant M.  
Knecht, Arnold A.  
Leifer, Lewis C.  
McGuire, James A.  
Miller, Vernon C.  
Morgan, Clinton H.  
Morris, Charles J.  
Nelson, Ralph E.  
Nichols, John M.  
Oakley, A.A., Jr. (MF)  
Perry, J. Roy (MF)  
Shade, Earl R.  
Wagner, Richard J.  
Waterman, Lucius W.  
\*Wohletz, Leonard R.  
Wong, Edward S.

Idaho

Barker, Raymond J.  
Daniels, D. Max  
Harwood, Jack O.  
Munk, H. Dale  
\*Parrott, Chas. F.  
Perrin, Weldon G.  
Priest, Thos. W.  
Richins, C. Grant  
\*\*Salzmann, Richard A.  
Sherburne, Lawrence E.  
Webb, Delmar H.  
Williams, J. Melvin  
Woodruff, George A.

Nevada

Bagley, Donald G.  
Davis, Elmer L.  
Holmgren, Geo. G. S. (LWOP)\*\*  
Langan, Lucien N.  
Larson, Leland I.  
Link, Victor G. (LWOP)  
\*Naphan, Edmund A. (Acting)

Oregon

Andrew, Louis E. (LWOP)  
Buzzard, Chas. R.  
Erickson, Lee E. (MF)  
Hill, Elmer L.  
\*Hill, William W.  
Lindsay, M. Grant  
\*\*Mayko, Rudolph W.  
Olds, Clarence R.  
Otte, George E.  
Ward, Robert E.  
Williams, Lynn H.  
Winters, Eugene P.

Washington

Anderson, Sanford M.  
Badurina, William P.  
Best, Luke J.  
Bowlsby, Clyde C.  
Bown, Thomas A.  
Call, Willard A.  
Caskey, George P.  
\*Chapin, Ray W.  
Dompier, Lenn J.  
Dunning, Lorne T., Jr.  
Garlick, Glen W.  
Giese, Laurence D.  
Hardin, Robert A.  
Harrison, Evedard T.  
High, Robert D.  
Jahn, Bert J.  
\*Johnson, S. Burkett  
Knezevich, Clarence A.  
McGee, Dale A.  
McMurphy, Carl J.  
Main, Lauren L.  
Malmgren, Robert C.  
Minnick, Edward A.  
Mueller, Oscar P.  
Newlun, Jesse J.  
Pyfer, Fred L.  
Rasmussen, Jack J.  
Richards, Ralph J.  
\*\*Schlots, Fred E.  
Taylor, Frank B. (MF)  
Thomson, John P.  
Vlasoff, Paul I.

UNITED STATES DEPARTMENT OF AGRICULTURE  
Soil Conservation Service

*Davis-Hebron*

SOIL SURVEY STAFF  
January 1, 1953

Washington-Beltsville

Ableiter, J. K.	Hockensmith, R. D.
Alexander, L. T.	Kellogg, Charles E.
Allaway, W. H.	Nikiforoff, C. C.
Brown, Nathan	Simonson, Roy W.
Gardner, David	Smith, Guy D.

Soils Laboratory (Beltsville)

Bohrer, Dan D.  
Cady, John G.  
Clarke, Roy S.  
Dever, Robt. F.  
Dyal, R. Stanley  
Kilmer, Victor J.  
Robinson, Wm. O.

World Soil Map

Austin, Morris E.	Rourke, John D.
Fussell, Kenneth E.	Simonson, Clifford H.
Kubota, Joe M.	Smith, Howard M.
Matzek, Ben L.	Swanson, Dwight W.
Newhall, Franklin	Vessel, Anton J.
Orvedal, Arnold C.	Zarza, Ray E.
Rieger, Samuel	

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Md.	Hershberger, M. F.	Agronomy Dept., Univ. of Md., College Park, Md.
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Mont.	Cawfield, Dave R.	Montana State College, Bozeman, Montana
Nebr.	Mitchell, Lloyd E.	Nebraska Hall, Univ. of Nebr., Lincoln 1, Nebr.
Nev.	Naphan, E. A. (Acting)	Morrill Hall, Univ. of Nevada, Reno, Nevada
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N. J.	Quakenbush, G. A.	126 Lipman Hall, College of Agric., New Brunswick
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S. Dak.	Avery, Glenn A.	Agron. Dept., S. Dak. State College, Brookings, S. Dak.
Tenn.	Breinig, C. B.	806 Broadway, Nashville 3, Tenn.

Texas	Simpson, James D.	Experiment Station Bldg., College Station, Texas
Utah	Netcalf, John W.	Box 151, Utah State Agric. College, Logan, Utah
Vt.	Howard, Montague, Jr.	Hills Agric. Science Bldg., Univ. of Vt. Burlington
Va.	Devereux, R. E.	P. O. Box 497, Blacksburg, Va.
Wash.	Chapin, Ray W.	P. O. Box 448, College Station, Pullman, Wash.
W. Va.	Patton, Boyd J.	Univ. of W. Va., Morgantown, W. Va.
Wis.	DeYoung, Wm.	2702 Monroe St., Madison 5, Wisconsin
Wyo.	Bauschnadler, Harold	Box 966, Laramie, Wyo.

REGION 1

Adams, Henry R.  
 Ferris, H. James (FC)  
Connecticut  
 Bourbeau, Gerard A.\*\*\*\*  
 Coates, Wm. H.\*  
 Downs, Dwight B.\*\*\*\*  
 Gonick, Walter  
 Ilgen, Lewis W.  
 Indorf, Frank E., Jr.  
 Puchalski, W. A.  
 Ritchie, Alex. Jr.\*\*\*\*  
 Shearin, Arthur E.\*\*\*  
 Swanson, C. Loyal W.\*\*\*\*  
Delaware  
 Lavoie, Oscar L.  
Maine  
 Arno, John R.  
 Bither, Roy A.  
 Farley, Wm. H. (LWOP)  
 Faust, Albert P.  
 Hardesty, J. Stewart \*  
 Michaels, Sheldon  
 Riley, Richard E.  
 Willey, R. B.  
Maryland  
 Compy, Elvin Z. W.  
 Hershberger, M. F. \*  
 Sidner, Robt. A.  
 Souder, Warren G.  
 Hutton, Frank Z., Sr.  
 Stilwell, John J., Jr.  
 Walter, Philip J.  
 Stone, Kenneth M.

Massachusetts

Filios, Frederick  
 Mott, John R.  
 Pollard, Albert W. \*\*  
 Reiske, Robt. F.  
 Ruth, George F.  
 Stearns, Benedict R.  
 Upham, Charles W.  
 Coates, Wm. H. \*  
New Hampshire  
 Carter, Wm. J.  
 Gamble, John F. \*\*\*\*  
 Garland, Lloyd E. \*\*  
 Van der Voet, Dirk  
 Vieira, Frank J.  
 Winkley, Harvel E.  
New Jersey  
 Backer, Albert D.  
 DiMichele, Hugo G.  
 Jablonski, Clarence F.  
 Markley, Marco L.  
 Quakenbush, C. A. \*  
 Wilson, Kenneth  
New York  
 Ackerson, Kenneth T.  
 Baltz, Mary C.  
 Bartlett, John B.  
 Baur, Arnold J. \*  
 Carlisle, Frank J. Jr.\*\*\*  
 Fedak, Theodore  
 Feuer, Reeshon \*\*\*\*  
 Finley, Robert R.  
 Flora, Donald F.  
 French, Lewis M.  
 Giddings, Edward B.

Hutton, Frank Z., Jr.  
 Kick, Leslie W. (IF)  
 Landry, Robt. J.  
 Laux, Burton R.  
 Peterson, Fred. F.\*\*\*\*  
 Potter, Arthur M.  
 Powerening, James A.\*\*\*\*  
 Rice, C. Erwin (MF)  
 Secor, Wilber \*\*  
 Track, John  
 Wertz, Wm. A.  
 Winsberg, Theodore W.\*\*\*\*  
 Work, Ralph  
 Yoakum, Troy D  
 Ziebell, Martin G.  
Pennsylvania  
 Baum, Justus V., Jr.  
 Coy, Robert M.  
 Craddock, Jos. C. Jr. (LWOP)  
 Crowley, Richard H.  
 Cruikshank, Robt. S. (IF)  
 Goodman, Kenneth V.\*\*\*  
 Hofford, Paul S.  
 Lane, Hilton D.  
 Leer, Donald C. (IF)  
 Loughry, Frank G. \*  
 Lucas, Wm. L.  
 Owens, Joseph L.  
 Stumpf, Robt. A.  
 Weaver, Jay B.  
 Wolfe, Paxton G.  
 Yaworski, Michael  
Rhode Island  
 McQuen, John E.

\* State Soil Scientist  
 \*\* Survey Supervisor

\*\*\* temporary headquarters  
 \*\*\*\* SCS Collaborator

State Soil Scientists in Region 1 have headquarters in the States shown. The following men are also State Soil Scientists in additional States: Wm. H. Coates, Connecticut and Rhode Island; Montague Howard, Jr., New Hampshire; and Merl F. Hershberger, Delaware.



Vermont

Allen, George W.  
Dondero, Louis J.  
Ellyson, Walter J.  
Gowdey, Richard F.  
Griggs, John E., Jr.  
Howard, Montague, Jr.\*  
Kodess, Abner H.  
Newpauer, Thomas W.  
Zayach, Stephen J.

West Virginia

Archer, Richard D., Sr.  
Bartlett, F. David (LMOP)  
Beverage, Woodrow W.  
Curry, Jm. H.  
Espy, Lester E.  
Fonner, Robert F.  
Gorman, John L.  
Kunkle, W. Merrill  
Newman, Leonard S.  
Patton, Boyd J.\*  
Raybourn, James B.  
Taylor, David C.

REGION 2

Fuller, Glenn L.  
Caudle, James E.

Alabama

Bowman, J. E.  
Bewley, J. P.  
Burgess, L. H.\*\*  
Carter, O. R.  
Clement, J. F.  
Dahms, K. E.  
Duffie, E. M.  
Harlin, W. V.  
Henry, R. E.  
Kelley, W. H.  
McBride, E. H.  
Perry, E. A.\*\*  
Reeves, W. J.  
Sherard, H.  
Stephens, F.  
Stephens, M. E.\*  
Swenson, Gustavus A.  
Trail, C. D. (MF)

Florida

Brown, G. A.  
Buckhannan, W. H.\*\*

Carlisle, Victor W.\*\*\*\*

Craig, R. M.  
Cromartie, J. B.  
Cruz, Orlando E.\*\*\*\*  
Furman, A. L.  
Harrell, M. L.  
Houston, T. B.  
Johnston, H. B.  
Lewis, O. C.\*  
Leighty, Ralph G.  
Millsap, Z. T., Jr. (MF)  
Matahzo, Francisco\*\*\*\*  
Moore, J. R.  
Powell, D. P.\*\*  
Taylor, D. S.  
Vanatta, E. S., Jr.  
Walker, James H.\*\*\*\*  
Weeks, H. H. (MF)  
Wildermuth, Robt. \*\*\*

Georgia

Bacon, D. D.  
Bennett, J.\*\*  
Bramlett, C. L.  
Brooks, J. F.  
Byrd, H. J.  
Calhoun, J. W.\*\*  
Crabb, T. N.  
Craft, R. W., Jr.  
Davis, H. T.  
Huff, J. R.  
Hungerford, J. B.  
Iseley, M. E.  
Jensen, E. R.  
Jordan, D. H.  
Lawson, J. C. (IF)  
McIntyre, C. L.  
Middleton, R. G.  
Owens, J. C.  
Parker, W. H.  
Payne, H. H.  
Ritchie, F. T., Jr.\*  
Robertson, S. M.  
Robinson, C. C.  
Stevens, J. G.  
Stone, E. M.  
Wells, R. D.  
Williams, W. G.  
Woods, J. C.  
Wright, A.

Kentucky

Anos, D. F.  
Barton, A. J.  
Brooks, G. R. (MF)  
Bryan, R. C.  
Bryan, W. B., Jr.  
Carpenter, W. W.\*  
Carroll, D. T.  
Colson, D. A.  
Converse, H. T., Jr.  
Cox, F. R., Jr.  
Dawson, C. A.  
Durham, K. W.  
Dye, J. W.  
Dyer, J. F.  
Gillen, H. G.  
Hersh, D. M.  
Huffman, E. V.\*\*  
Humphreys, M. E.  
Isgrig, D.  
Johnson, A. S.  
Latham, E. E.  
Leathers, T. R.  
Leighty, R. V.\*\*  
Lee, J. H.  
Love, P. M.  
Luttrell, C. D.  
McDonald, H. P.  
Newton, J. H.  
Odor, H. B.  
Partin, W. R.  
Powell, T. N.  
Preston, D. G.  
Reed, W. S.  
Richardson, A. J.  
Ross, J. C.  
Sims, R. C.  
Steger, O. V.  
Taylor, J. L.  
Threlkeld, G. W.  
Wallace, H. A.  
Weisenberger, B. C.  
Wilson, B. L.  
Winsor, J. H.\*\*  
Zimmerman, W. H.

Mississippi

Anderson, J. L.  
Burns, J. D.  
Carter, R. C.\*\*

\*State Soil Scientist  
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\*\*\* temporary headquarters  
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Mississippi (cont.)

Cole, Wm. A.\*\*\*  
 Freeman, C. H.  
 Galberry, H. S.  
 Garber, M. C.  
 Hall, G. W.  
 Havens, Y. H.\*\*  
 Lane, H. C.  
 Keenan, Walter E.\*\*\*\*  
 Leggett, A. R.  
 Martin, H. F. (MF)  
 Martin, H. L.  
 McGeheen, V. H.  
 McMullen, J. W.  
 McMutt, Ershell J.\*\*\*\*  
 Milbrandt, A. C.  
 Morris, W. M., Jr.  
 Murphree, Leland C.\*\*\*  
 Neely, J. A.  
 Nye, W. W.  
 Powell, James C.\*\*\*\*  
 Rivers, E. D.  
 Robeson, T. C.  
 Rogers, Geo. E.\*\*\*\*  
 Scott, F. T.  
 Shaffer, M. W.  
 Spraggery, J. A.  
 Standifer, Leonidas C. Jr.\*\*\*\*  
 Thomas, A. E.  
 Tyler, L. C.  
 Warren, R. B.  
 Watts, J. L.  
 Webb, D. T. \*  
 Wells, R. R. H. \*\*  
 Wynn, A. H., Jr.

North Carolina

Alvis, R. J.  
 Aull, L. E. \*\*  
 Brass, H. J.  
 Barnhill, Wm. L.  
 Cawthorn, J. W.  
 Curle, L. D.  
 Covington, J. P.  
 Earle, G. H., Jr. (LMOP)  
 Goldston, Eugene F.\*\*\*\*  
 Haskins, W.  
 Horton, R. E.  
 Hunt, C. L.\*\*  
 Karnowski, E. H.  
 Kaster, Dwight L.\*\*\*\*

King, J. L., Jr.  
 McCaleb, Stanley B. (Lab.)  
 Meadows, J. A.  
 Lee, Wm. D.\*\*\*\*  
 Newman, J. B.  
 Pleasants, R. C.  
 Rowland, L. O.  
 Royal, W. S. \*\*  
 Shope, W. I.  
 Stevens, W. W. \*  
 Teal, L. P., Jr.  
 Thompson, G. M.  
 Turpin, J. W.  
 Warrick, E. S.  
 Watts, J. B. \*\*  
 Weaver, Arlin  
 Wilson, C. S.  
 Zimmerman, J. L.

Puerto Rico

Boothby, R. M.  
 Cordova, J. P. \*  
 Gierbolini, R. E.  
 Juarez, J., Jr.  
 Rivera, L. E.

South Carolina

Byrd, H. S.  
 Camp, W. J.  
 Colburn, W. L.  
 Crow, E. E.  
 Davis, W. A.  
 Green, F. L.  
 Jones, W. E.  
 Lawrence, C. B.  
 Lesezne, F. F. \*\*  
 McDonald, J. E.  
 Miller, E. N. Jr.\*\*  
 Montgomery, P. H. \*  
 Pitts, J. J.  
 Stuck, W. E.  
 Sullivan, M. J.  
 Wakefield, J. B. Jr.  
 Ware, C. B., Jr.

Tennessee

Bacon, Samuel R.\*\*\*  
 Breinig, C. B. \*  
 Brown, A. T.  
 Clement, A. B.  
 Cothran, J. B.  
 Elder, Joe A.  
 Elder, John H. Jr.\*\*\*\*  
 Corbett, W. P.

Epley, Irvin B.\*\*\*\*  
 Flatt, L. W.  
 Flowers, Robbie L.\*\*\*\*  
 Hicks, T. J.  
 Hogan, C. A.  
 Hughen, J. W.  
 Hunter, D. E.  
 Jackson, B. W.  
 Jackson, G. T. \*\*  
 Jent, C. H., Jr.  
 Journey, Robt. C.  
 Keathley, G. L.  
 Lee, Theodore E.\*\*\*\*  
 Longwell, T. J.  
 McNeese, W. R., Jr.  
 Moneywaker, R. H.  
 Powers, C. H.  
 Sease, E. C. \*\*  
 Thomas, G. J., Jr.  
 Walker, David D. \*\*\*\*  
 Williams, L. G.  
 Williams, Lewis D.\*\*\*\*

Virginia

Brasher, B. R.  
 Brunger, E. H.  
 Carter, J. B.  
 Chudova, G. J.  
 Clay, J. W. \*\*  
 Devereux, R. E. \*  
 Feeman, A. L.  
 Gettys, W.  
 Henry, Elvin F.\*\*\*\*  
 Huckle, H. F.  
 Hursey, F. W.  
 Jackson, G. E.  
 Judy, C. M.  
 Kane, J. F.  
 Obenshain, Sam S.\*\*\*\*  
 Norfleet, C. R.  
 Passeur, James W.\*\*\*  
 Pfeiffer, N. B. \*\*  
 Porter, Hobart C.  
 Rowlett, A. B. (MF)  
 Sbar, A. H.  
 Turner, W. L., Jr.  
 Tuthill, B. E.  
 Vaden, J. H.  
 Wilson, G. V. \*\*  
 Willson, G. C., Jr.

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 \*\*\*\* SCS Collaborator

REGION 3

Paschall, A. H.  
Illinois

Agathen, Anthony B.  
 Bartelli, Lindo J.\*  
 Benson, Lawrence L.  
 Cummins, Lindell L. (MF)  
 Downey, Chas. R.  
 Harland, Marion B.  
 Hopkins, Donald W.  
 Hudelson, Paul V.  
 Jorgenson, Ingolf H.  
 Kays, Wm. B.  
 McCulloch, H. Richard  
 Miller, L. LeForest  
 Parenteau, Robt. M.  
 Paschke, John E.  
 Parks, Walter D.  
 Pederson, Edward J.  
 Smith, Harold M.\*\*  
 Thompson, James R.  
 Walker, George O.\*\*  
 Wallace, Donald L.

Indiana

Bass, Turner C.\*  
 Binnie, R. Rexford  
 Edmonds, Nuel F.  
 Grunewald, Armin R.  
 Guernsey, Carl W.  
 Hutchinson, Ned R.  
 Kronenberger, Russell G.\*\*  
 Kyler, Rudolph H., Jr.  
 Nodesitt, Robert E.  
 Montgomery, Dallas D.  
 Murdock, Stanley H., Jr.  
 Orr, Donald W.  
 Sanders, Frank W.\*\*  
 Thorp, James  
 Williamson, Herbert F.

Iowa

Arnold, Richard W.  
 Barnes, Byron A.\*  
 Buckner, Russell L.  
 Burr, Edwin P.  
 Daniels, Raymond B.  
 Foth, Henry D.\*\*\*\*  
 Grant, Lothair H.\*\*  
 Hanson, Arlon L.

Harmon, Lacy I.  
 Hidlebaugh, Allan Ray  
 Highland, John D.  
 Jury, Wilbur M.  
 Kerker, Earl J.  
 King, Elton L.  
 Kittleson, Kenneth K.  
 Koppen, Maynard P.  
 McCracken, Ralph J.\*\*\*  
 Prill, Robert C. (Res) (MF)  
 Richlen, Ellsworth M.  
 Ruhe, R. V. (Research)  
 Russell, Robt. C. (MF)  
 Schafer, Geo. M.\*\*\*  
 Slusher, David F.  
 Smith, Sanford M.  
 Patterson, Donald D.\*\*\*\*  
 Riecken, Frank F.\*\*\*\*  
 Turner, Robert I.  
 Warren, Robt. L.  
 Worster, John R.

Michigan

Alfred, Stanley D.  
 Amsterourg, Robt. J.  
 Allen, Bonnie L.\*\*\*\*  
 Austin, Franklin R.  
 Bailey, H. Hudson\*\*\*  
 Basel, Carl O. E.  
 Bayan, Robt. L.  
 Bedell, Glenn D.  
 Boyce, Thomas F.  
 Colburn, Wm. H.\*\*\*\*  
 Dorrance, Alfred B.  
 Engberg, Clarence A.\*  
 Guttay, John R.\*\*\*\*  
 Gunnerson, Roy B.  
 Irvine, Alan W.  
 Landtiser, Gilbert R.  
 McKenzie, Lloyd J.\*\*\*\*  
 Pasco, Dale E.  
 Pollack, Sidney\*\*\*\*  
 Randall, Geo. W.  
 Pregitzer, Karl E.\*\*\*\*  
 Slota, Robt. W.  
 Schneider, Ivan F.\*\*\*\*  
 Weber, Hermann L.  
 Whiteside, Eugene P.\*\*\*\*

Minnesota

Anderson, Woodrow W.\*\*

Arnerman, Harold F.\*\*\*\*  
 Chamberlain, Leon M.  
 Cummins, Joseph F.  
 Dawald, Donald W.  
 Diedrick, Raymond T.  
 Edwards, Russell J.  
 Erickson, Roy A. \*\*  
 Farnham, Rouse S.  
 Grines, Myron F.  
 Harms, Grenfell F.  
 Hokanson, Hilding L.  
 Latvala, Hans G.  
 McMiller, Paul R.\*\*\*\*  
 Meier, Edmund R.  
 Ravenholt, Halvor B.  
 Robertson Alex S.\*  
 Scilley, Francis M.  
 Simonson, Gerald H.\*\*\*\*  
 Stevermer, Howard C. (MF)

Missouri

Dimmitt, Melvin E.  
 Grogger, Harold E.\*  
 Hamby, Robert M.  
 Hess, Robert E.  
 Hughes, Harold E.  
 Jeffrey, Allan H.  
 Kintner, Galen E.  
 Wilbur, Merriett G.

Ohio

Andrus, Howard W.  
 Bernath, Glen E.  
 Bureau, Marvin F.  
 Dreibelbis, Francis R. (L)  
 Halcy, Francis E.  
 Holowaychuk, Nicholas\*\*\*\*  
 Innis, Charles H.  
 Ivancic, John  
 Lawrence, John W.  
 Lerch, Norbert K.  
 Lessig, Heber D.  
 Matthes, Lester J.  
 Meeker, Ralph L.\*\*  
 Morse, H. Howe\*  
 Petro, James E.  
 Reese, Wm. E.  
 Reese, Paul W.  
 Roseler, Robert C.  
 Rudolph, Foster  
 Shields, Robert L.

\* State Soil Scientist  
 \*\* Survey Supervisor

\*\*\* temporary headquarters  
 \*\*\*\* SCS Collaborator

Ohio (cont.)

Stout, Maurice, Jr.  
Swinehart, Alvin W.  
Urban, Donald R.

Wisconsin

Bartelme, Robt. J.  
Butman, Burel S.  
Church, Ronald P.  
Dahlstrand, Nils P.  
DeYoung, Wm.\*  
Fitzgerald, Warren J.  
Hole, Francis D.\*\*\*\*  
Lee, Gerhard B.  
Link, Ernest G.  
Muckenhirn, Robt. J.\*\*\*\*  
Nelson, Erling F.  
Radl Geo. A.\*\*\*\*  
Steingraeber, Jos. A.  
Strelow, Harvey V.  
Thomas, Delbert D.  
Torrance, Stuart W.\*\*  
Walsh, Arthur J.  
Westin, Paul R.\*\*\*\*  
Wing, Gordon N.

REGION 4

Marshall, R. M.

Arkansas

Cook, Robt. J.  
Finger, Chas. J.\*\*  
Gray, James L.  
Gregory, Russell L.  
Harper, N. Dean  
Henbest, Orrin J.  
Kinkead, Ewing H.  
Larance, Fred C.  
Lawson, Marvin \*  
Long, H. Wade  
McCollum, Charlie N.  
McGrew, Carl A.  
Maxwell, Geo. R.  
Millard, Thos. T.  
Mott, Joe H.  
O'Neal, Wm. C.  
Simerson, Adam H.  
Stephens, Francis H.  
Walker, Elmer  
Wilson, Herman H.

Louisiana

Berry, Buford G.  
Chaffin, Bruce F.  
Clark, Henry L.  
Dance, Ray L.  
DeMent, Jas. A. (IF)  
Fontenot, Demetrius L. Jr.\*  
Jordan, Robt. H.\*\*\*  
Kerr, Alexander, Jr.  
Loftin, Lester L.  
Lytle, Sherman A.  
McMichael, Chas. W.\*\*\*\*  
Millet, John L.  
Reynolds, Emmett F.  
Scalf, John R.  
Weems, Tracey A.  
White, Almond G.

Oklahoma

Bailey, Oran F.  
Baumann, W. Elmo (Lab.)  
Burgess, Dent L.  
Clark, Floyd W.  
Cox, John B.  
Craft, Roy A.  
Derr, Louis E.\*  
Dries, Fred J.  
Galloway, Harry M.  
Gault, Milton T. \*\*  
Hamon, Eldred F.  
King, June D.  
Long, Roscoe M.  
Marshall, Raymond L. \*\*  
Maxwell, Armine J.  
Meinders, Hadley C.  
Miller, Mack L.  
Murray, Hubert J.  
Nance, Earl C.  
Newland, Claude T.  
Polone, Dock J.

Texas

Abbott, James D.  
Agee, Wm. R. \*\*  
Alldredge, John H.  
Bednarek, Frank (MF)  
Behrends, Andrew S.  
Benton, Thos. H.  
Blanchard, Dolman A.  
Botts, Oral L.  
Bower, Jas. E.

Brady, Billy M.  
Brooks, Carlos E.  
Brooks, Chas. A.  
Brooks, Wm. B.  
Buckley, Wilson B.  
Burk, John W. (MF)  
Synius, Otto W.  
Carson, Alfred D.  
Carson, D. W.  
Coub, Wayne H.  
Coffee, Daniel R.  
Coover, Jas. R. \*\*  
Cox, Billy F. (IF)  
Crout, Jack D.  
Daniell, Robt E. \*\*  
Darby, Gerald M. (MF)  
Dean, Horace C. \*\*  
Deaver, Curtis H.  
Dunham, Edwin R.  
Eiland, Chas. E.  
Elder, Wm. R. \*\*  
Fox, Robert E. \*\*  
Franki, Guido E.  
Freeman, Lawrence  
Fuchs, Westal W.  
Francis, Everette L.\*\*\*  
Geffert, Freddie, Jr.  
Giddens, Thos. W.  
Goerdel, Lemund M.  
Gooch, Hulon D.  
Gordon, Lester L. \*\*  
Gunter, Billy C. (MF)  
Hailey, Reland  
Hall, Miles I.  
Hanson, Arthur  
Hensell, Jas. L.  
Hill, Albert E.  
Hill, Ralph H.  
Hitt, Harrold  
Hodges, Harold P.  
Huckabee, John W., Jr.  
Jacquot, Louis L.  
Jones, Jas. K.  
Lanman, Gerold L.  
Leggett, Jesse H., Jr.  
Lites, Chas. R.  
Lofton, K. T.  
McClintock, Wm. R., Jr.

\*State Soil Scientist  
\*\* Survey Supervisor

\*\*\* temporary headquarters  
\*\*\*\* SCS Collaborator



Texas (cont.)

McKee, Gordon S.\*\*\*\*  
 Martin, Billy D.  
 Meade, Jhn. D.  
 Michael, Haskell T.  
 Minor, Ralph E. (IF)  
 Mitchell, Horace E.  
 Monerief, Hayward A.Jr.  
 Powery, Irvin C.  
 Neueyer, Louis N.  
 Poff, Irvin R.  
 Putnam, Lee A.  
 Ricketts, Geo. Y. (IF)  
 Rogers, Ronald R.  
 Sanders, Russell R.  
 Schwartz, Ralph L.\*\*  
 Shaw, Earnie W., Jr.  
 Sherwood, Sam W., Jr.(IF)  
 Shingleton, Lyle C.  
 Simpson, Jas. D.\*  
 Sparr, L. C., Jr.  
 Spears, Maurice J.  
 Stephens, Harold V.  
 Stevens, Jack W.  
 Storey, Hal L.  
 Streger, Eugene F.  
 Strolher, Marvin B., Jr.  
 Swafford, Billy G.  
 Tatsch, Clarence C. (IF)  
 Taylor, Howard M. (IF)  
 Thomas, Jesse R.  
 Trew, Philip H.  
 Troublefield, Jas. E.Jr.(IF)  
 Voigtel, Richard M.  
 Walters, Wm. M.  
 Welker, Anthony J., Jr.  
 Werchon, Leroy E.  
 Wiedenfeld, Clarence C.  
 Watson, Wm. E., Jr.

REGION 5

Lewis, Ralph O.  
 Eikleberry, Robt. W.  
 Kohler, Victor O.

Kansas

Abneyer, Walter  
 Atkinson, C. H.  
 Badgley, Wm. A.\*\*\*  
 Bell, Albert L.

Boatright, Wm. C.  
 Bookless, Edw. E.  
 Dickey, Harold P.  
 Dodge, Darold A.  
 Fly, Claude L.(LNOP)  
 Fourier, Donald M.  
 Glover, Robt. K.  
 Harner, Rodney F.  
 Jackson, Richard K\*\*  
 Jorgensen, Geo. N., Jr.  
 Neill, Jas. T.\*\*  
 Nilson, Erick B.  
 Otsuki, Henry T.\*\*  
 Rockers, Jas. J.  
 Saffry, Orville W.

Montana

Anderson, Albert A.  
 Beatty, Marvin T.(LNOP)  
 Bourne, W. Clinton  
 Cardon, Wm. H.  
 Cawfield, Dave R.\*  
 Clark, Clair O.  
 Cloninger, Jno. R.Sr.  
 Cosgrove, Bartholomew J.  
 Doll, Jno. P.\*\*\*\*  
 Dunwire, Ralph G.  
 Farnsworth, Dean H.  
 Fielder, Arner G.  
 Forsyth, Harold F.Jr.  
 Gieseker, Leonard F.\*\*\*\*  
 Gray, Laverne  
 Haight, June G.  
 Hanson, Laurence T.  
 Haub, Mervyn H.  
 Hogan, Ernest K.  
 Ikard, Carl E.  
 McConnell, Ronald C.\*\*  
 Miller, Franklin T.  
 Poshier, Ronald L.\*\*  
 Nielson, Evan C.  
 Olsen, Jas. A.  
 Penner, Harold L.  
 Weight, Brent W.  
 Ziebarth, Clifford A.

Nebraska

Beesley, Thos. E.\*\*\*  
 Bever, Donald T.(IF)  
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 Froymler, Wm. F.  
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 Howey, Robt. L.  
 Joos, Lloyd L.  
 Kehrlein, Robt. B. (Lab.)  
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REGION 6

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Williams, John A. (Lab.)

Arizona

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Mildner, Wm. F.  
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Randall, Everett C.  
Schurig, Rudolph G.  
Scotland, Alexander A.

Colorado

Accola, Robt. C. (Lab.)  
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Brown, Joseph B.  
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Danskill, Robt. K.\*\*  
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Nevada

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Avery, Glenn A.	Brookings, S. Dak.	Binnie, R. Rexford	Rensselaer, Ind.
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DaMoude, Dean W.	West Point, Nebr.	Eggers, Fred C.	Riverside, Calif.
Dance, Ray E.	Donaldsonville, La.	Eikleberry, Robert W.	Lincoln, Nebr.
Daniell, Robert E.	Harlingen, Tex.	Eiland, Charles E.	Terrell, Tex.
Daniels, D. Max	Idaho Falls, Idaho	Elam, Norman E.	Oro Grande, Calif.
Daniels, Raymond B.	Corydon, Iowa	Elder, Joe A.	Maryville, Tenn.
Dansdill, Robt. K.	Littleton, Colo.	Elder, John A.	Lincoln, Nebr.
Darby, Gerald M. (MF)	Uvalde, Texas	Elder, John H., Jr. (Collab.)	Knoxville, Tenn.
Davis, H. T.	Griffin, Ga.	Elder, William R.	Temple, Texas
Davis, W. A.	Rock Hill, S. C.	Ellerton, Warren P.	Mandan, N. Dak.
Dawald, Donald W.	St. Peter, Minn.	Ellyson, Walter J.	St. Albans, Vt.
Dawson, C. A.	London, Ky.	Elwonger, Waldo G.	Torrington, Wyo.
Dean, Horace C.	San Marcos, Texas	Engberg, Clarence A.	East Lansing, Mich.
Deardorff, Clyde E.	Vancouver, Wash.	English, Edgar	Beltsville, Md.
Deaver, Curtis H.	Terrell, Texas	Epley, Irvin B. (Collab.)	Knoxville, Tenn.
Decker, Rey S.	Albuquerque, N. Mex.	Erickson, A. J.	Murray, Utah
		Erickson, Carl, Jr.	Grafton, N. Dak.

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Erickson, Lee E. (MF)	Gresham, Oreg.	Gallup, Darrell L.	Twin Falls, Idaho
Erickson, Roy A.	Moorhead, Minn.	Gamble, John F. (Collab.)	Durham, N. H.
Espy, Lester E.	Hamlin, W. Va.	Garber, M. C.	Tupelo, Miss.
Evenson, E. H.	Yuma, Ariz.	Gardner, David	Washington, D. C.
Fairchild, Warren D.	Beatrice, Nebr.	Gardner, Robert A.	Berkeley, Calif.
Farley, Wm. H. (LWOP)	Skowhegan, Me.	Garland, Lloyd E.	Concord, N. H.
Farnham, Rouse S.	St. Paul, Minn.	Garlick, Glen W.	Davenport, Wash.
Farnsworth, Dean H.	Billings, Mont.	Gault, Milton T.	Vinita, Okla.
Fassnacht, R. C.	Salida, Colo.	Geffert, Freddie, Jr.	Liberty, Texas
Faust, Albert P.	Augusta, Maine	Gettys, W.	Pulaski, Va.
Fedak, Theodore	East Aurora, N. Y.	Giddens, Thomas W.	Terrell, Texas
Feeman, A. L.	Warsaw, Va.	Giddings, Edward B.	Binghamton, N. Y.
Ferguson, Carl E.	Beltsville, Md.	Gierbolini, R. E.	Corozal, P. R.
Ferris, H. James	Upper Darby, Pa.	Giese, Laurence D.	Yakima, Wash.
Feuer, Reeshon (Collab.)	Ithaca, N. Y.	Gieseker, Leonard F. (Collab.)	Bozeman, Mont.
Fielder, Armer G.	Billings, Mont.	Gilkeson, Raymond A.	Renton, Wash.
Filius, Frederick	Northampton, Mass.	Gillaspie, D. W.	Meeker, Colo.
Finger, Charles J.	Little Rock, Ark.	Gillem, H. G.	Prestonburg, Ky.
Finley, Robert R.	Jamestown, N. Y.	Glover, Robert K.	Lincoln, Kans.
Fitzgerald, Warren J.	Shawano, Wisc.	Goerdel, Lemund E.	Gonzales, Texas
Flatt, L. W.	McMinnville, Tenn.	Goldston, Eugene F. (Collab.)	Raleigh, N.C.
Flora, Donald F.	Cobleskill, N. Y.	Gomez, Robt. S.	Deming, N. Mex.
Flowers, Robbie L. (Collab.)	Knoxville, Tenn.	Gonick, Walter	Danbury, Conn.
Fly, Claude L. (LWOP)	Manhattan, Kans.	Gooch, Hulon D.	Abilene, Texas
Folks, James J.	Santa Fe, N. Mex.	Good, Kenneth J.	Lincoln, Nebr.
Fonner, Robert F.	Elizabeth, W. Va.	Goodman, Kenneth V.	Coudersport, Pa.
Fontenot, Demetrius L., Jr.	Alexandria, La.	Gordon, Lester L.	Tyler, Tex.
Forster, James B. (MF)	Placerville, Calif.	Gorman, John L.	Beckley, W. Va.
Forsyth, Harold F., Jr.	Miles City, Mont.	Gowans, Kenneth D. (Collab.)	Berkeley, Calif.
Fosberg, Maynard A. (Collab.)	Moscow, Ida.	Gowdey, Richard F.	Newport, Vt.
Foster, John A. (MF)	San Fernando, Calif.	Graham, Fred U.	Santa Rosa, Calif.
Foth, Henry D.	Ames, Iowa (Collab.)	Grant, Lothair H.	Fairfield, Iowa
Fourier, Donald M.	Dodge City, Kans.	Gray, James L.	Forrest City, Ark.
Fowkes, Clarence J.	Riverton, Wyo.	Gray, Laverne	Big Timbers, Mont.
Fox, Charles J.	Torrington, Wyo.	Green, F. L.	Bishopville, S. C.
Fox, Lorens M.	Watertown, S. Dak.	Green, Therman W. (MF)	Beltsville, Md.
Fox, Robert E.	Pecos, Texas	Greenawalt, Ross D.	North Platte, Nebr.
Francis, Everette L.	Rosenberg, Texas	Gregory, Russell L.	Pocahontas, Ark.
Franki, Guido E.	Alice, Texas	Greiner, Loren M.	Pawnee, Nebr.
Frederick, W. J.	Pueblo, Colo.	Griggs, John E., Jr.	Middlebury, Vt.
Freeman, C. H.	Forest, Miss.	Grimes, Myron F.	Thief River Falls, Minn.
Freeman, Lawrence	El Paso, Texas	Grogger, Harold E.	Columbia, Mo.
French, Lewis M.	Pulteney, N. Y.	Grunewald, Armin R.	Albion, Ind.
Freymliller, William F.	Hettinger, N. Dak.	Guernsey, Carl W.	Lafayette, Ind.
Fronske, John M.	Coolidge, Ariz.	Gummerson, Roy B.	Saginaw, Mich.
Fuchs, Westal W.	Post, Texas	Gunter, Billy C. (MF)	San Angelo, Texas
Fuller, Glenn L.	Spartanburg, S. C.	Guttay, John R. (Collab.)	East Lansing, Mich.
Furman, A. L.	Ocala, Fla.		
Fussell, Kenneth E.	Beltsville, Md.	Haigh, June G.	Three Forks, Mont.
Gaines, Herbert F.	Newport, Wash.	Hailey, Reland	Seymour, Texas
Galberry, H. S.	Batesville, Miss.	Haley, Francis E.	Defiance, Ohio
Galloway, Harry M.	Wagoner, Okla.	Hall, E. W.	Hattiesburg, Miss.
		Hall, Miles I.	Mt. Pleasant, Tex.
		Hallisey, William A.	San Jose, Calif.

Hamby, Robert M.	Cameron, Mo.	Hogan, C. A.	Cookeville, Tenn.
Hammond, Bennett W. (Collab)	Pullman, Wash.	Hogan, Ernest K.	Lewistown, Mont.
Hansen, Bernard C.	Phoenix, Ariz. (MF)	Hokanson, Hilding L.	Marshall, Minn.
Hansen, Harold L.	Idaho Falls, Ida.	Holcomb, Sheldon G.	Wilson Creek, Wash.
Hansen, James H.	Pasco, Wash.	Hole, Francis D. (Collab.)	Madison, Wisc.
Hanson, Arlon L.	Pringhar, Iowa	Hollowaychuk, Nicholas (Collab.)	Columbus, O.
Hanson, Arthur	Jacksboro, Tex.	Hopkins, Donald W.	Kankakee, Ill.
Hanson, Laurence T.	Plentywood, Mont.	Horton, R. E.	Wadesboro, N. C.
Hardesty, J. Stewart	Orono, Maine	Houston, T. B.	Lake City, Fla.
Hardin, Robert A.	Moses Lake, Wash.	Howard, Montague, Jr.	Burlington, Vt.
Hargrove, Ross W.	Wray, Colo.	Howey, Robert L.	Minot, N. Dak.
Harland, Marion B.	Urbana, Ill.	Huckabee, John W., Jr.	Temple, Texas
Harlin, W. V.	Anniston, Ala.	Huckle, H. F.	Halifax, Va.
Harmon, Eldred M.	Ardmore, Okla.	Hudelson, Paul V.	Bloomington, Ill.
Harmon, Lacy I.	Fort Dodge, Iowa	Huff, J. R.	Elberton, Ga.
Harms, Grenfell F.	Red Wing, Minn.	Huff, Richard C.	Sacramento, Calif.
Harner, Rodney F.	Garden City, Kans.	Huffman, E. V.	Louisville, Ky.
Harper, M. Dean	Malvern, Ark.	Hughen, J. W.	Cleveland, Tenn.
Harper, William G.	Riverside, Calif.	Hughes, Harold E.	Kingston, Mo.
Harrell, M. L.	Tallahassee, Fla.	Hugie, Vern K.	Logan, Utah
Harrison, Eward T.	Walla Walla, Wash.	Hulet, John C.	Ritzville, Wash.
Harwood, Jack O.	Coeur d'Alene, Ida.	Humphreys, M. E.	Princeton, Ky.
Haskins, W.	Goldsboro, N. C.	Hungerford, J. B.	Wrightsville, Ga.
Hasty, Allen H.	Knoxville, Tenn.	Hunt, C. L.	Greensboro, N. C.
Haub, Mervyn H.	Shelby, Mont.	Hunter, D. E.	Lewisburg, Tenn.
Havens, Y. H.	Meridian, Miss.	Hunter, W. R.	Pueblo, Colo.
Headley, Roger D.	Tucson, Ariz.	Huntington, Gordon L. (Collab.)	Berkeley, Cal.
Helmerick, Robert H.	Douglas, Wyo.	Hursey, F. W.	Staunton, Va.
Henbest, Orrin J.	Fayetteville, Ark.	Hutchings, Roland R.	Watsonville, Calif.
Henderson, R. C.	Steamboat Springs, Colo.	Hutchings, Theron B.	Albuquerque, N. Mex.
Henry, Elvin F. (Collab.)	Blacksburg, Va.	Hutchinson, Ned R.	Logansport, Ind.
Henry, R. E.	Ozark, Ala.	Hutton, Frank Z., Jr.	Auburn, N. Y.
Hensell, James L.	Fredericksburg, Tex.	Hutton, Frank Z., Sr.	Salisbury, Md.
Hersh, D. M.	Owingsville, Ky.	Iiams, John E.	Riverton, Wyo.
Hershberger, Merl F.	College Park, Md.	Ikard, Carl E.	Glasgow, Mont.
Hess, Robert E.	Bethany, Mo.	Ikeda, Warren S.	Wahiawa, Oahu, T.H.
Hetzler, Robt. L.	Williston, N. Dak.	Ilgen, Lewis W.	Rockville, Conn.
Hibler, Dale	Escondido, Calif.	Indorf, Frank E., Jr.	Portland, Conn.
Hickerson, J. K. (MF)	Longmont, Colo.	Innis, Charles H.	Jackson, Ohio
Hicks, T. J.	Murfreesboro, Tenn.	Irons, Kenneth E.	Lakeview, Oreg.
Hidlebaugh, Allan Ray	Algoma, Iowa	Irvine, Allan W.	Howell, Mich.
High, Robert D.	Puyallup, Wash.	Isaacson, Marion R.	Albuquerque, N. Mex.
Highland, John D.	Marion, Iowa	Iseley, E.E.	Baxley, Ga.
Hill, Albert E.	Uvalde, Texas	Isgrig, D.	Georgetown, Ky.
Hill, Elmer L.	Heppner, Oregon	Ivancic, John	Defiance, Ohio
Hill, Hal L.	Fresno, Calif.	Jablonski, Clarence F.	Somerville, N. J.
Hill, Ralph H.	Fort Worth, Texas	Jackson, B. W.	Pikeville, Tenn.
Hill, William W.	Portland, Oreg.	Jackson, G. E.	Hillsville, Va.
Hilley, Terry E.	Albuquerque, N. Mex.	Jackson, G. T.	Knoxville, Tenn.
Hitt, Harrold	Hamilton, Tex.	Jackson, Richard K.	Salina, Kans.
Hockensmith, R. D.	Washington, D. C.	Jacquot, Louis L.	Perryton, Texas
Hodges, Harold P.	Carrizo Springs, Texas	Jahn, Bert J.	Wilbur, Wash.
Hofford, Paul S.	Leesport, Pa.		

James, Milo S.	Phoenix, Ariz.	Koch, C. J.	Albuquerque, N. Mex.
Jay, James E.	Chandler, Ariz.	Kodess, Abner H.	Woodstock, Vt.
Jeffrey, Allan H.	Fulton, Mo.	Koehler, Harold	Grand Junction, Colo.
Jensen, E. H.	Provo, Utah	Koesey, L. M.	Wray, Colo.
Jensen, E. R.	Tifton, Ga.	Kohler, Victor O.	Lincoln, Nebr.
Jent, C. H., Jr.	Nashville, Tenn.	Kollmorgen, Herbert L.	Wayne, Nebr.
Johnson, A. S.	Somerset, Ky.	Koppen, Maynard P.	Oskaloosa, Iowa
Johnson, Kenneth E.	La Grande, Oreg.	Kronenberger, Russell C.	Indianapolis, Ind.
Johnson, S. Burkett	Red Bluff, Calif.	Kubota, Joe M.	Beltsville, Md.
Johnson, William M.	Lincoln, Nebr.	Kunkle, W. Merrill	Moundsville, W. Va.
Johnston, H. B.	Stuart, Fla.	Kunzman, W. J.(LWOP)	Durango, Colo.
Jones, Donald F.	Enterprise, Oreg.	Kyler, Rudolph H., Jr.	Indianapolis, Ind.
Jones, Griffith S.	Corning, Calif.		
Jones, James K.	Dalhart, Texas	Landry, Robert J.	Cortland, N. Y.
Jones, W. E.	Spartanburg, S. C.	Landtiser, Gilbert R.	Portland, Mich.
Joos, Lloyd L.	Bismarck, N. Dak.	Lane, H. C.	Batesville, Miss.
Jordan, D. H.	Elberton, Ga.	Lane, Hilton D.	Bloomsburg, Pa.
Jordan, Robert H.	Shreveport, La.	Langan, Lucien N.	Yerington, Nev.
Jorgensen, Geo. N., Jr.	Oskaloosa, Kans.	Lanman, Gerold L.	Stephenville, Tex.
Jorgenson, Ingolf H.	Lawrenceville, Ill.	Lapham, Macy H. (Collab.)	Berkeley, Calif.
Juarez, J., Jr.	San Juan, P. R.	Larance, Fred C.	Warren, Ark.
Judy, C. N.	Fincastle, Va.	Larsen, Leland I.	Ely, Nevada
Juran, Eddie	Jackson, Wyo.	Larsen, Lynn S.	Julesburg, Colo.
Jurney, Robert C.	Knoxville, Tenn.	Larsen, Roy J.	Rapid City, S. Dak.
Jury, Wilbur M.	Council Bluffs, Iowa	Larsen, Wesley M.	Lisbon, N. Dak.
		Latham, E. E.	Glasgow, Ky.
Kane, J. F.	Winchester, Va.	Latvala, Hans G.	Fergus Falls, Minn.
Karnowski, E. H.	Jackson, N. C.	Laux, Burton R.	Saratoga Springs, N.Y.
Kaster, Dwight L. (Collab.)	Raleigh, N. C.	Lavoie, Oscar L.	Dover, Del.
Keathley, G. L.	Memphis, Tenn.	Lawrence, C. B.	Columbia, S. C.
Keenan, Walter E. (Collab.)	State College, Miss.	Lawrence, John W.	Elyria, Ohio
Kehrein, Robert B.	Mandan, N. Dak.	Lawson, J. C. (MF)	Carrollton, Ga.
Kelley, W. H.	Birmingham, Ala.	Lawson, Marvin	Fayetteville, Ark.
Kellogg, Charles E.	Washington, D. C.	Leathers, T. R.	Independence, Ky.
Kennedy, Grant M.	Placerville, Calif.	Lee, Gerhard B.	Madison, Wisc.
Kerker, Earl J.	DeWitt, Iowa	Lee, J. H.	Flemingsburg, Ky.
Kerl, Donald E.	Valley City, N. Dak.	Lee, William D. (Collab.)	Raleigh, N. C.
Kerr, Alexander, Jr.	Alexandria, La.	Leer, Donald C.	York, Pa.
Kester, Gerald	Holbrook, Ariz.	Leggett, A. R.	Brookhaven, Miss.
Kick, Leslie W.	Cortland, N. Y.	Leggett, Jesse H., Jr.	Kenedy, Texas
Kiester, Kenneth R. (MF)	Blair, Nebr.	Leifer, Lewis C.	Santa Barbara, Calif.
Kilmer, Victor J.	Beltsville, Md.	Leighty, Ralph G.	Gainesville, Fla.
King, Elton L.	Winterset, Iowa	Leighty, R. V.	Mayfield, Ky.
King, J. M., Jr.	Waynesville, N. C.	Leighty, Willis J.	Berkeley, Calif.
King, June D.	Antlers, Okla.	Lerch, Norbert K.	Hamilton, Ohio
Kingsbury, Joe W.	Honolulu, T. H.	Lesesne, F. F.	Kingstree, S. C.
Kinthead, Ewing H.	Little Rock, Ark.	Lessig, Heber D.	Lisbon, Ohio
Kintner, Galen E.	Bethany, Mo.	LeVe, William M.	Yuma, Ariz.
Kirk, James E.	Yankton, S. Dak.	Lewis, O. C.	Gainesville, Fla.
Kittleson, Kenneth K.	Decorah, Iowa	Lewis, Ralph O.	Lincoln, Nebr.
Klingebiel, Albert A.	Urbana, Ill.	Ligon, William S.	Knoxville, Tenn.
Klingelhoets, A. J. (LWOP)	Brookings, S. Dak.	Lindell, John E.	Hebron, Nebr.
Knecht, Arnold A.	Hemet, Calif.	Lindsay, M. Grant	Baker, Oreg.
Knezevich, Clarence A.	Colfax, Wash.	Link, Ernest G.	Fond du Lac, Wisc.



Link, Victor G.	Mandan, N. Dak.	McKee, Gordon S. (Collab.)	College Sta., Tex.
Lites, Charles R.	Bryan, Texas	McKenzie, Lloyd J.	East Lansing, Mich.
Loftin, Lester L.	Shreveport, La.	(Collab.)	
Lofton, K. T.	Sweetwater, Tex.	McKinzie, William E.	North Platte, Nebr.
Long, H. Wade	Batesville, Ark.	McMichael, Charles W.	Baton Rouge, La.
Long, Roscoe M.	Holdenville, Okla.	(Collab.)	
Longwell, T. J.	Jackson, Tenn.	McMiller, Paul R. (Collab.)	St. Paul, Minn.
Loughry, Frank G.	State College, Pa.	McMullen, J. W.	New Albany, Miss.
Love, P. M.	Clinton, Ky.	McMurphy, Carl J.	Olympia, Wash.
Love, Theodore E. (Collab.)	Knoxville, Tenn.	McNeese, W. R., Jr.	Knoxville, Tenn.
Lovell, Burrell B.	Condon, Oreg.	McNutt, Ershell J.	State College, Miss.
Lucas, Wm. L.	Erie, Pa.	(Collab.)	
Lumb, Elroy R.	Pierre, S. Dak.	McSweeney, Charles A.	Beltsville, Md.
Luttrell, C. D.	Shelbyville, Ky.	Meade, William D.	McKinney, Texas
Lyford, Walter H.	Durham, N. H.	Meadows, J. A.	Goldsboro, N. C.
Lytle, Sherman A.	Baton Rouge, La.	Meecker, Ralph L.	Columbus, Ohio
		Meier, Edmund R.	Minneapolis, Minn.
Maestas, Timothy R.	Tillamook, Oreg.	Meinders, Hadley C.	Guymon, Okla.
Main, Lauren L.	Prosser, Wash.	Merrell, C. L.	Delta, Utah
Maker, Harrison J.	State College, N. Mex.	Metcalf, J. W.	Logan, Utah
Malchow, R. L.	Mountainair, N. Mex.	Michael, Haskell T.	Gilmer, Texas
Malmgren, Robert C.	Hilo, Hawaii	Michaels, Sheldon	Sanford, Maine
Markley, Marco L.	Moorestown, N. J.	Middleton, R. G.	Albany, Ga.
Marshall, Raymond L.	Anadarko, Okla.	Milbrandt, A. C.	Tylertown, Miss.
Marshall, R. M.	Fort Worth, Tex.	Mildner, William F.	Safford, Ariz.
Martin, Benny	Bonnars Ferry, Ida.	Millard, Thomas T.	Harrison, Ark.
Martin, Billy D.	San Angelo, Tex.	Miller, E. N., Jr.	Columbia, S. C.
Martin, H. F. (MF)	Canton, Miss.	Miller, Franklin T.	Bridger, Mont.
Martin, H. L.	Greenville, Miss.	Miller, L. LeForest	Peoria, Ill.
Martin, Irving L.	Knoxville, Tenn.	Miller, Mack L.	Woodward, Okla.
Matanzo, Francisco	Orlando, Fla.	Miller, Maurice W.	Holdrege, Nebr.
Matthes, Lester J.	Marietta, Ohio	Miller, Paul N.	Clayton, N. Mex.
Matzek, Ben L.	Beltsville, Md.	Miller, Vernon C.	Santa Rosa, Calif.
Maxwell, Armine J.	Ardmore, Okla.	Millet, John L.	Shreveport, La.
Maxwell, George R.	Searcy, Ark.	Millsap, Z. T., Jr.	Lakeland, Fla. (MF)
Mayko, Rudolph W.	Pendleton, Oreg.	Minor, Ralph E. (MF)	Waco, Texas
Mays, William B.	Effingham, Ill.	Mitchel, Robert F.	The Dalles, Oreg.
McBride, E. H.	Mobile, Ala.	Mitchell, Horace E.	Big Spring, Tex.
McCaleb, Stanley B.	Raleigh, N. C.	Mitchell, Lloyd E.	Lincoln, Nebr.
McClelland, John E.	Fargo, N. Dak.	Modesitt, Robert E.	Bloomington, Ind.
McClintock, William R., Jr.	Huntsville, Tex.	Mogen, Clinton A.	Lincoln, Nebr.
McCollum, Charlie N.	Ashdown, Ark.	Moncrief, Hayward A., Jr.	Brenham, Tex.
McConnell, Ronald C.	Missoula, Mont.	Moneymaker, R. H.	McMinnville, Tenn.
McCracken, Ralph J.	Ames, Iowa	Montgomery, Dallas D.	Scottsburg, Ind.
McCreary, Fred R.	Dayton, Wash.	Montgomery, P. H.	Columbia, S. C.
McCuen, John E.	Wakefield, R. I.	Moon, J. W.	Knoxville, Tenn.
McCulloch, H. Richard	Benton, Ill.	Moore, J. R.	Tallahassee, Fla.
McCurry, M. L.	Sterling, Colo.	Moore, Tom R.	Akron, Colo.
McDonald, H. P.	Irvine, Ky.	Moreland, Donald C.	Longmont, Colo.
McDonald, J. E.	Charleston, S. C.	Morris, Charles J.	San Fernando, Calif.
McGee, Dale A.	Vancouver, Wash.	Morris, W. M., Jr.	Greenwood, Miss.
McGehee, V. H.	Jackson, Miss.	Morse, H. Howe	Columbus, Ohio
McGrew, Carl A.	Russellville, Ark.	Moshier, Ronald L.	Billings, Mont.
McIntyre, C. L.	Rome, Ga.	Mott, Joe H.	Little Rock, Ark.

Mott, John R.	Brockton, Mass.	Otte, George E.	The Dalles, Oreg.
Mowery, Irvin C.	Tahoka, Tex.	Owens, J. C.	Augusta, Ga.
Moxon, Duane C.	Aberdeen, S. Dak.	Owens, Joseph L.	Harrisburg, Pa.
Moxon, Vernon W.	Redfield, S. Dak.	Pachek, C. E.	Pueblo, Colo.
Moyes, John Keith	Caldwell, Idaho	Packard, Ralph E.	Chehalis, Wash.
Muckenhirn, Robert J.	(Collab.) Madison, Wis.	Paeth, Robert C.	Elgin, Oreg.
Mueller, Oscar P.	Snohomish, Wash.	Paige, Frederick D.	Port Orchard, Wash.
Murdock, Stanley H., Jr.	Washington, Ind.	Pannell, J. P.	Steamboat Springs, Colo.
Murphree, Leland C.	Decatur, Miss.	Parenteau, Robert E.	Freeport, Ill.
Murray, Hubert J.	Altus, Okla.	Parker, Don C. (MF)	Stayton, Oreg.
Nance, Earl C.	Oklahoma City, Okla.	Parker, Richard D.	Huron, S. Dak.
Naphan, Edmund A.	Reno, Nevada	Parker, W. H.	Soperton, Ga.
Neely, J. A.	Jackson, Miss.	Parks, Walter D.	Decatur, Ill.
Neill, James T.	Emporia, Kans.	Parrott, Charles F.	Boise, Idaho
Nelson, Erling F.	Barron, Wisc.	Parsons, O. A.	Lamar, Colo.
Nelson, Ralph E.	Oakland, Calif.	Partin, W. R.	Jamestown, Ky.
Nelson, Reuben E.	Riverside, Calif.	Paschall, A. H.	Milwaukee, Wisc.
Ness, Arnold O.	Walla Walla, Wash.	Paschke, John E.	Hillsboro, Ill.
Nestrud, Lorne M.	Sioux Falls, S. Dak.	Pasco, Dale E.	Saginaw, Mich.
Neumeyer, Louis N.	Marshall, Tex.	Paseur, James E.	Blackstone, Va.
Newberry, Raymond L.	Yuma, Ariz.	Patterson, Donald (Collab.)	Ames, Iowa
Newhall, Franklin	Beltsville, Md.	Patton, Boyd J.	Morgantown, W. Va.
Newland, Claude T.	Enid, Okla.	Paul, John J.	Moro, Oreg.
Newlun, Jesse J.	Goldendale, Wash.	Payne, E. Milton	Fort Collins, Colo.
Newman, J. B.	Greenville, N. C.	Payne, H. H.	Milledgeville, Ga.
Newman, Leonard S.	Lewisburg, W. Va.	Pederson, Edward J.	DeKalb, Ill.
Newpauer, Thomas W.	Woodstock, Vt.	Penner, Harold L.	Choteau, Mont.
Newton, J. H.	Clinton, Ky.	Perrin, Weldon G.	Pocatello, Idaho
Nichols, John M.	Soledad, Calif.	Perry, E. A.	Birmingham, Ala.
Nickel, Paul E.	Dickinson, N. Dak.	Perry, J. Roy (MF)	Lakeport, Calif.
Nielsen, J. L.	Glenwood Springs, Colo.	Peterson, Frederick F.	Ithaca, N. Y.
Nielson, Evan C.	Kalispell, Mont.	(Collab.)	
Nikiforoff, C. C.	Beltsville, Md.	Petro, James H.	Columbus, Ohio
Nilson, Erick B.	Manhattan, Kans.	Pfeiffer, N. B.	Bristol, Va.
Nishimura, J. Y.	Montrose, Colo.	Pfost, Harold C.	Santa Ana, Calif.
Norfleet, C. R.	Appomattox, Va.	Pheasant, George E.	Moses Lake, Wash.
Norland, Milton A.	Cavalier, N. Dak.	Piggot, Joe K. (MF)	Kimball, Nebr.
Nye, W. W.	Meridian, Miss.	Pitts, J. J.	Florence, S. C.
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Odor, H. B.	Williamstown, Ky.	Pollard, Albert W.	Northampton, Mass.
Olds, Clarence Russell	Harrisburg, Oreg.	Pollock, Robert S.	Kearney, Nebr.
Ollila, Toivo J.	Watertown, S. Dak.	Polone, Dock J.	Claremore, Okla.
Olsen, James A.	Miles City, Mont.	Pomerening, James A. (Collab.)	Ithaca, N. Y.
Olsen, M. E.	Richfield, Utah	Pope, Alan J.	Santa Maria, Calif.
Omodt, Hollis W.	Jamestown, N. Dak.	Porter, Hobart C.	Crewe, Va.
O'Neal, William C.	Clarendon, Ark.	Porter, M. Kusler	Reno, Nevada
Orr, Donald W.	Crawfordsville, Ind.	Potter, Arthur M.	Auburn, N. Y.
Orvedal, Arnold C.	Beltsville, Md.	Powell, D. P.	Ocala, Fla.
Otsuki, Henry T.	Garden City, Kans.	Powell, James C. (Collab.)	State College, Miss.



Powell, T. N.	Hazard, Ky.	Roeböcker, M. A.	Ft. Collins, Colo.
Powers, C. H.	Knoxville, Tenn.	Rogers, Geo. E. (Collab.)	State College, Miss.
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Pregitzer, Karl E.	East Lansing, Mich.	Rogers, O. C.	Beltsville, Md.
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Preston, D. G.	Lexington, Ky.	Romine, Dale S. (WAE)	Ft. Collins, Colo.
Price, Douglas G.	Heppner, Oreg.	Roseler, Robt. C.	Hamilton, Ohio
Priest, Thomas W.	St. Anthony, Idaho	Ross, J. C.	Elizabethtown, Ky.
Prill, Robt. C.	Ames, Iowa	Ross, W. J.	Portales, N. Mex.
Puchalski, Matthew A.	Portland, Conn.	Ross, Wm. R.	Soda Springs, Ida.
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Quinnild, Clayton L.	Finley, N. Dak.	Royal, W. E.	Greensboro, N. C.
		Rudolph, Foster	Wapakoneta, Ohio
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Radl, Geo. A. (Collab.)	Madison, Wis.	Russell, Robt. C.	Muscatine, Iowa
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Randall, Geo. W.	Benton Harbor, Mich.	Ruth, Geo. F.	Hathorne, Mass.
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Rayburn, James B.	Point Pleasant, W. Va.	Sanders, Russell R.	Laredo, Tex.
Redabaugh, H. S.	Longmont, Colo.	Sandoval, F. M., Jr.	Las Vegas, N. Mex.
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Reeves, W. J.	Decatur, Ala.	Schafer, Geo. M.	Ames, Iowa
Reiske, Robt. F.	Worcester, Mass.	Schlots, Fred E.	Seattle, Wash.
Reynolds, Emmett F.	Denham Springs, La.	Schneider, Ivan F.	East Lansing, Mich.
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Richards, Ralph J.	Seattle, Wash.	Schurig, Rudolph G.	Cottonwood, Ariz.
Richardson, A. J.	Carrollton, Ky.	Schwartz, Ralph L.	Abilene, Tex.
Richens, C. W. (MF)	Ogden, Utah	Scilley, Francis M.	Moorhead, Minn.
Richlen, Ellsworth M.	Des Moines, Iowa	Scotland, Alexander A.	Yuma, Ariz.
Ricketts, Geo. Y.	Lamesa, Tex. (MF)	Scott, F. T.	Rolling Fork, Miss.
Riecken, Frank F. (Collab.)	Ames, Iowa	Scutt, Robert C.	Redlands, Calif.
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Rivera, L. H.	Mayaguez, Puerto Rico	Shearin, Arthur E.	Windsor, Conn.
Rivers, E. D.	Hattiesburg, Miss.	Sherard, H.	Decatur, Ala.
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Robertson, S. M.	Gainesville, Ga.	Shingleton, Lyle C.	Lubbock, Tex.
Robeson, T. C.	Grenada, Miss.	Shiozaki, J. J.	Price, Utah
Robinson, C. C.	Conyers, Ga.	Shoesmith, Lloyd E.	Fargo, N. Dak.
Robinson, Glenn H.	Knoxville, Tenn.	Shope, W. I.	Sanford, N. C.
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Rockers, James J.	Kingman, Kans.		

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Spears, C. E.	Rocky Ford, Colo.	Thomas, A. E.	Batesville, Miss.
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Wahl, Frank E.	Minot, N. Dak.	Williams, J. Melvin	Albany, Oreg.
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Walker, Anthony J., Jr.	Pampa, Texas	Williams, John A.	Albuquerque, N.Mex.
Walker, David D.(Collab.)	Knoxville, Tenn.	Williams, L. G.	Rogersville, Tenn.
Walker, Elmer	Magnolia, Ark.	Williams, Leslie W.	Ukiah, Calif.
Walker, George O.	Anna, Ill.	Williams, Lewis D.(Collab.)	
Walker, James H.(Collab.)	Gainesville, Fla.		Knoxville, Tenn.
Wallace, Donald L.	Mt. Vernon, Ill.	Williams, Lynn H.	Stayton, Oreg.
Wallace, H. A.	West Liberty, Ky.	Williams, W. G.	Swainsboro, Ga.
Walsh, Arthur J.	Waupaca, Wisc.	Williamson, Herbert F.	Vincennes, Ind.
Walter, Philip J.	Bel Air, Md.	Williard, John E.	Albion, Nebr.
Walters, William M.	Tyler, Tex.	Willson, G. C., Jr.	Chesterfield, Va.
Ward, Robert E.(LWOP)	Tillamook, Oreg.	Wilson, B. L.	Hartford, Ky.
Ware, C. B., Jr.	Walterboro, S. C.	Wilson, C. S.	Newton, N. C.
Warren, R. B.	Greenwood, Miss.	Wilson, G. V.	Staunton, Va.
Warren, Robert L.	Denison, Iowa	Wilson, Herman H.	Little Rock, Ark.
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Weisenberger, B. C.	Morehead, Ky.	Wynn, A. H., Jr.	Greenwood, Miss.
Weiser, Paul K.	Hazen, N. Dak.		
Weiss, Russel E.	McCook, Nebr.	Yager, T. U.	Artesia, N. Mex.
Welch, Lawrence E.	Placerville, Calif.	Yanamura, Herbert K.	Waimanalo, Oahu, T.H.
Wells, R. D.	Carrollton, Ga.	Yaworski, Michael	Lebanon, Pa.
Wells, R. H.	Greenwood, Miss.	Yoakum, Troy D.	Albion, N. Y.
Wendt, Geo. E.	Monte Vista, Colo.	Yost, Donald A.	Grand Island, Nebr.
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Werchon, Leroy E.	Rockdale, Tex.	Young, Jack F.	Creighton, Nebr.
Wertz, Wm. A.	Batavia, N. Y.	Young, Keith K.	Chadron, Nebr.
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White, Almond G.	Tallulah, La.	Ziebell, Martin G.	Plattsburg, N. Y.
		Zimmerman, J. L.	Salisbury, N. C.
		Zimmerman, W. H.	Louisville, Ky.

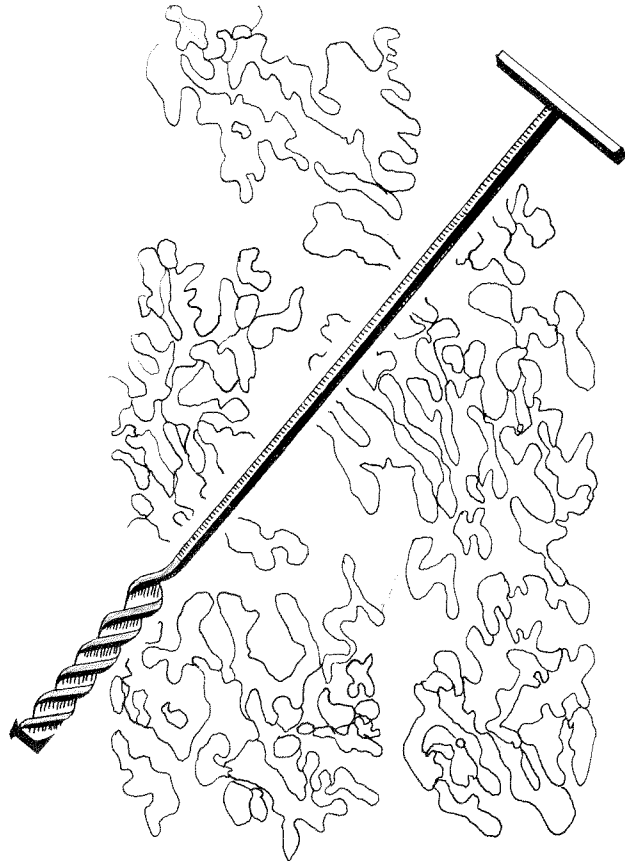
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Soil

# FIELD LETTER

FIELD LETTER

*Soil Survey Report 7*



U. S. DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE

SOIL SURVEY

APRIL - 1956

SOIL SURVEY FIELD LETTER

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John A. Neeley, Editor

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## WORLD FOOD AND AGRICULTURAL POTENTIALITIES<sup>1/</sup>

ESTIMATES OF WORLD AGRICULTURAL POTENTIALITIES can be approached from several points of view. The problem is so complex that it must be broken down into smaller units, by countries and groups of countries, and into smaller functional pieces. Yet we know that what happens in any one country depends on the questions of war or peace and of stagnation or prosperity in other countries.

We can try to limit our inquiry to the basic physical and biological potentialities for abundance. What kinds of soil do we have, what will they produce, by what means, and how much? The results of such inquiries suggest that we still have great unused soil resources.

Although we need to start with such raw data they do not tell us very much about actual potentialities within the real world we see around us. Agricultural production results from management applied to the soil. We cannot say that it is primarily due to the one or primarily to the other. Some kinds of soil are not suited to production of food and fiber under any known system of management. Many soils are clearly suited to such use, but yields vary widely, even several fold, according to management. Then too, a large part of our soils are essentially useless for crops as we find them in their natural state but can be made highly productive with the skillful application of capital inputs.

Above all, we must continually recall that our agricultural production, whatever it is, results from millions and millions of decisions made by individual farm families all over the world, using many hundreds of thousands of unique kinds of soil.

A few years ago my associates and I suggested some rough estimates of potential world food production. (In *Food, soil, and people*. UNESCO, *Food and People*, Ser. No. 6, 64 pp. New York. 1950.) We reached the conclusion that by assuming the general use of practices already being used by good farmers occupying the various kinds of soil the acreage of cropland could be increased by a little over 50 percent, say from 2 1/2 billion acres to about 3 3/4 or 4 billion acres. Although a part of this increase lies in the temperate or cool-

<sup>1/</sup> An address by Charles E. Kellogg, Assistant Administrator for Soil Survey, Soil Conservation Service, U. S. Department of Agriculture, Washington 25, D. C., before the American Economic Association, New York City, December 29, 1955.

temperate region, such as the United States, Canada, and northern Europe, most of it lies in the Tropics, especially in South America and Africa and in some of the larger islands. In the Peace River Country of northern Alberta alone a large additional acreage could be developed, around 10 million acres and perhaps 20 million acres. In the United States we could find another 100 to 200 million acres. Actually we have not developed much new cropland since World War I, because it was not economic to do so.

Now we are taking around one-half million acres of good agricultural land annually for urban uses so that it is lost to agriculture in perpetuity, even though we have plenty of other land for such uses. I should like to say parenthetically that this is a serious matter from a long-run point of view. It has not seemed serious to American people even to our agriculturists, because we are now in the midst of such a revolutionary increase in agricultural efficiency on the acres already in use.

Interpretations of the estimates made in 1946 about potential world production led me to the conclusion that food production could be increased substantially beyond requirements simply by extending to all soils in use the results now being obtained by the better farmers using the various kinds of soils. For cereals, root crops, sugar, and fats and oils the potentials far exceed the needs. More effort would be required to meet the needs for fruits and vegetables, meat, and milk. Even though these estimates were made only nine years ago, we have had phenomenal increases in the efficiency of agriculture since that time. In other words, by going through the estimating process now, we should probably get higher figures for potential production today because of the improved management now being followed by the better farmers, not only in this country but in several other countries as well. This is to say nothing about the prospects from research results already reported but not in general use and from those not yet reported.

If instead of these assumptions, we should make a calculation of crop potentials at the level of management followed by good farmers in Holland for the temperate regions and on plantations in Hawaii for the Tropics, the estimates would be far greater. I repeat that these estimates take no account of the new techniques that are coming along so rapidly. Right now, for example, one agricultural worker in the United States produces twice as much corn as one worker did only fifteen years ago.

Such estimates tell us that we have the raw potential in our soils to supply food and fiber for a



much larger world population. But these soil resources are not distributed evenly. Western Europe has little new soil to exploit; in fact, agriculture is losing some land to urban uses. Although the United Kingdom, and especially France and Ireland, could make substantial increases in yields, northern Europe as a whole cannot be expected to make great net increases. China, India, and Pakistan have relatively little new land to exploit but yields could be increased and especially efficiency in terms of yields per worker. It is hard even to speculate about the Soviet Union. It has great soil resources, but it also has, generally, an erratic climate. Practices could be improved enormously with more capital inputs on farms. But instead it appears that for some time capital has been drained away from agriculture to heavy industry. One has little basis for guessing the future trends.

In countries like China and India current production could be increased, certainly, but such increases may call for almost revolutionary improvements in land tenure, management skill, and the availability of agricultural supplies, especially machinery, chemicals, and power.

I should like to emphasize the relationship between agriculture and industry. In our own country we have gone from about 75 percent of the labor force in agriculture, during the first decade of the last century, to about 10 percent at the present time. And the figure will drop some more. The social consequences have been very great. Now our industry is so large that it is relatively easy for agriculture to have the steel, chemicals and power required without curtailing other uses.

Parenthetically, I can only mention, without discussing the details, the problem of water. This is rapidly becoming a scarce resource. A great deal of discussion and legislation can be expected during the next few years about the conservation of water and its allocation among competing users.

But to return to soils: Most of our most productive soils in humid regions were not so naturally; they have been made productive by techniques developed through science and by the use of the power and materials of industry. The Corn Belt no longer has a monopoly on high corn yields. In fact, we are little concerned here in the United States any more about the natural fertility of our soils. By fertility, I mean the amount and balance of plant nutrients. We are now much more concerned with the physical condition of soils - their structure, depth, and water relations. Given light and temperature, a soil with good physical structure is so responsive to our modern methods of fertilization and water control that "inherent"

or "native" fertility is becoming relatively unimportant to the skillful manager with capital at his command. We are not only getting high production from such soils, we are getting it very efficiently.

But without industry to furnish the power and materials, without skillful managers, and without capital, many of our most productive soils would be essentially useless for agriculture at anything like current prices and current standards of living.

I am trying to say that countries like the United States and Canada could increase their agricultural production very greatly, and do it efficiently, with only modest economic incentives. Ultimately water may become the limiting factor in large parts of our country, in the East as well as in the West.

Despite the large potentialities capable of immediate development in temperate countries, my studies lead me to believe that the greatest long-run potentials are in the Tropics -- in Africa and South America, and on several of the large tropical islands. Perhaps I should say very long run, for most tropical areas are now lacking many of the basic institutional elements that have made agriculture in western Europe and America so prosperous: competent research and advisory services, reasonable and secure land tenure for farm families, basic education for the rural population, capital, and an industry to serve agriculture.

We must also recognize the dense farm populations of such areas as southern and southeastern Asia that press on the limited soil resources with few alternative opportunities; the common lack of medical facilities; the social customs among people that hinder the adoption of many scientific principles and techniques; and the intemperance of racial and political conflicts among people in several places.

These are all very serious handicaps to optimum soil use and agricultural production because they limit the management skills that farmers practice. My own confidence that the soils in these areas have great potential abundance is based on the few bright spots where such handicaps have been at least partly overcome.

One realizes, of course, that all these handicaps need to be worked on; and they are being worked on in several countries.

Perhaps one of the greatest of the handicaps to agricultural progress is the lack of appropriate agricultural research institutes and services. Herein lies a great challenge to technical assistance of the "Point-Four" type. Basic scientific principles can, of course, be transferred from temperate regions to the Tropics.

So can many engineering techniques. But not the field techniques of soil management. The soils and other growing conditions in the Tropics are too different from those of temperate areas. In fact, a major responsibility of experienced tropical agriculturists is to protect the soils of the Tropics from the common tillage and cropping practices used by the best farmers of the United States!

Let me take one example from the humid Tropics: Unlike temperate regions, the most productive soils are found under the forest. Native farmers clear the forest and grow their crops for a short time. If cropping is continued the soil soon becomes exhausted of plant nutrients and the savanna grasses invade the fields; then the natives abandon them and clear new fields from the forest. Commonly, the season is dry for a few weeks each year; the savanna burns; and the forest never returns. Millions of acres of such anthropic savanna exist in the Tropics. With fire control and return of the forest, enormous areas would again have productive soils.

Some form of this system of shifting cultivation goes on in the Tropics under many names. Where cropping is carried on to the point of near soil exhaustion and invasion of persistent savanna, shifting cultivation is wasteful and highly inefficient. But it does not need to be so wasteful. By stopping the cultivation and returning the soils to forest before exhaustion, productivity may be restored for another crop. Such restoration forest is called "forest fallow" or, more commonly, the "bush fallow." Thus shifting cultivation may be wasteful or not, depending on how it is employed.

Empirical field research in the Belgian Congo has shown that a regular system may be used to maintain soils at fairly good levels of productivity by laying out the village lands into corridors. The number of corridors depends upon the years necessary for the bush fallow to restore the soil after an optimum sequence of mixed crops. Thus maize, upland rice, bananas, and cassava may be grown in a mixed culture; the crops are harvested one after another over a period of three or four years; and the soil is returned for 12 years under the bush fallow. On such a soil 16 corridors would be needed, with one being cleared each year and one returning to forest each year.

The forest is used in another way to maintain soil productivity: Many food crops and such industrial crops as cacao and coffee are grown amidst the trees with only partial clearing of the forest.

Systems involving the bush fallow require a lot of land and a lot of labor. If we knew exactly what the bush fallow does to the soil, perhaps

we could find ways to improve it or even, on some tropical soils at least, to substitute other combinations of practices that would be more efficient. We know that the trees bring up nutrients from the lower soil and concentrate them in the surface. We know that a balance of nutrients in the soil is critical, including the trace nutrients used by both plants and animals. We know that shade is important. We suspect that water relationships are important. The relative significance of these factors varies with the local kind of soil. The plain fact is that we do not know exactly what the bush fallow does. For my own part, I should rather know the answer to this question than that of any other unanswered question in soil science. The results affect millions of acres and millions of people.

On a large part of the soils where the bush fallow system is used, clean clearing, plowing, and seeding to a single crop, as farmers do in the Middle West now, lead to serious soil depletion and commonly to erosion down to a sterile lateritic hardpan.

I do not mean to imply that all soils in the Tropics need to have the bush fallow. A few productive alluvial soils, which receive fresh fine rock material from annual flooding, may be used for rice, cotton, sugarcane, and other crops with only modest fertilization. But these are small areas. Relatively young soils from basic volcanic rocks, and those that are occasionally refreshed by basic volcanic ash, can be handled somewhat the way soils are handled here in the United States, except that most of them occur on moderate to very steep slopes.

Rubber or oil palm may be planted in the partially cleared forest and the "nursery" trees gradually removed as the rubber trees or oil palms become larger. Or a forest may be cut and planted to bananas with the bananas shading the young trees or palm seedlings and the soil under them.

There are other exceptions. In fact it is very hard to generalize about tropical soils. There are more locally contrasting kinds of soil within the Tropics than in all the rest of the world.

But the point I wish to emphasize is that for many tropical soils we now have an uneasy choice among some system of bush fallow, mixed forest and crop plantings, or ordinary rotation farming with exhaustion of the soil and the great risk of its complete destruction.

No research is more badly needed than that to establish the precise actions of the bush fallow. With such knowledge I am confident that we could improve the fallow or perhaps substitute combinations of fertilization and other practices -- practices that can be invented only within the

## Tropics.

This problem of the bush fallow is only one among a great many. With tropical soils we have an enormous problem of phosphorus deficiency and fixation. Many tropical soils are underlain with laterite that hardens to a resistant rock upon exposure. Important unknown processes maintain the nitrogen supply in many tropical soils. If we knew the principles involved we would have a great advantage. And, of course, there are special problems of crop protection against diseases and insects. Only a little has been done to improve efficiency through plant breeding.

On this general point of the need for research I want to quote from Sir E. John Russell, who has stated the matter clearly in his new and useful book on World Population and Food Supplies (513 pp. Allen and Unwin. London. 1954):

"The problem in Africa," he writes, "is to convert the peasant agriculture into a better system capable of giving increasing output as the need increases. Difficult technical and scientific problems are involved which are not yet solved, and which require for their solution highly skilled investigators left to work in peace and security. They cannot be adequately dealt with by visiting experts remaining for a few months only, but with no permanent interest in the country; nor could they be solved by people who have merely learned something at a college and got a degree. Scientific acumen of a high order is needed; it cannot be imparted but only developed in those in whom it is inborn. Such men can only be attracted, not produced."

The longer such research is delayed, the longer it will take to get tropical agriculture going on an efficient basis.

Industrial development needs to go along with agricultural development, especially in crowded countries where farms can be efficient only if they are larger and tenure is more stable. In such countries both food crops and those industrial crops that local industries can use need emphasis.

We must continue to recall that an efficient agriculture requires power, chemicals, machinery, transport, and medical facilities. Agriculture must be enormously efficient to support such services by itself. With a few exceptions, such as Hawaii and Queensland, efficient agriculture in the world shares the costs for social services with mining or other pursuits, and especially with industry. Our Middle West is an excellent example. Here farmers have access to abundant facilities the costs of which are widely shared with other producers.

Farm products for export will be needed in many countries to balance the economy; but only rarely can export crops balance it alone when all the chemicals, machinery, and other requirements must be imported; and even then only when the country has a customs union with an industrial country.

In some underdeveloped countries two related difficulties stand in the way of emphasizing both food crops and industrial crops for export: (1) A native suspicion of "estates" carried over from older less gentle colonial days, and (2) the uncertainty of world markets. The first of these can be illustrated by the Gold Coast, where at least a few estates would be invaluable for the necessary large-scale experimentation with the present main crop, cacao, and potential new crops, such as paddy rice, cotton, and sugarcane.

The second problem can be illustrated with rubber. Malaya is worried about the rubber market now and attempts are being made to try cacao and other crops. Few countries want to increase rubber because nobody seems to know the future of synthetic rubber. In fact, natural rubber may be in short supply within a few years. Similar uncertainties can be raised about sisal, abaca, and oil palm. For years sugarbeets in the temperate region have competed strongly with the sugarcane of the Tropics.

Perhaps I have taken too much of my time for the humid Tropics. Other examples could have been chosen from the dry Tropics, from the Arctic, or from the great deserts - examples of soil management problems having a special and different significance than they have in the advanced countries of temperate regions.

In summary, the estimates of the available soils for agricultural use and of the production possible from those soils are considerably higher than the prospective population of this century. Difficult as are the technical problems, especially in the Tropics, the institutional and economic problems standing in the way of farmers realizing this potential abundance are even more difficult.

World agricultural production has increased some 25 percent in the last 10 years. This is significant. But taking the world as a whole, the total calories per capita decreased in relation to the years just before World War II, and the quality of many diets decreased. Yet last year, for the first time since the War, there was a world-wide increase in food production per capita. This fact can be misleading, since total supplies were unevenly distributed. Improvements in advanced countries were offset by reductions in some of the underdeveloped areas with large population increases. If all announced plans for both agricultural and industrial

developments are carried out, and reasonably good trade continued, the situation will improve. Thus it can be said that a cautious immediate optimistic view is possible. Yet we must remind ourselves that these trends could stop or even be reversed. Any let up in the planned efforts, widespread poor weather for crops, or reduced international movement of capital, of production materials, or of food, would prevent significant improvement in food supplies in those countries having expanding populations and low current food production.

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#### SOIL SURVEY DESCRIPTIVE LEGENDS

From a few reports of Washington staff members attending recent Operations-Planning Conference, I gather that there is a possibility of some misunderstanding about the purpose and nature of descriptive soil legends, so I want to take this opportunity for a brief review of the matter in the hope of clearing up any questions.

1. Nature. Although the forms of good descriptive legends vary widely, the legend is primarily a document that lists and describes the mapping units being shown on the soil maps made in the area to which it applies. The descriptive material includes that which is essential, and only that, for the explanation, use, and publication of the survey. This does not mean that every individual mapping unit needs to have in the descriptive legend a separate text description that could stand wholly on its own if removed completely. For example, some individual soil series contain two or more types and maybe several phases of each type. If the nature of the units can be made thoroughly clear by one full description and simple brief statements under the other units showing their relation to the central concept, that is satisfactory. Now of course a soil surveyor will have additional material and descriptions in his notebook in order to arrive at that kind of conclusion; but he does not need to put the whole of his notebook into the descriptive legend. But taking the legend as a whole, one should be able to find out the important characteristics that make any separate mapping unit a unique unit.

2. Progressive changes. The descriptive legend is never a complete and wholly finished document until the survey is finished. In the initial stages of the survey it may not, and probably will not, include all of the separations that are found ultimately to be necessary. Since an efficient soil surveyor makes the majority of his profile descriptions and other descriptions in the course of his mapping work, he will not have all the necessary data in the beginning. Often he will have rather little in

the beginning in the way of interpretation as a basis for grouping into final capability units and other groupings. He gets this information as the work progresses. Thus normally a descriptive legend starts out rather briefly and then it is added to, revised, and expanded as solid information becomes available until, finally, when the survey is finished, and perhaps after several revisions, the descriptive legend becomes the basis for the soil survey report. At that stage it may be a considerable document, at least it should be because it is a lot easier to develop the material for the report as the work progresses than it is to make a special job of it for a long period following the completion of the field surveying.

3. Purpose. Purposes of the descriptive legend are several and none of them are "extra" or in any way beyond the demands made on the soil scientist working in the field. The whole purpose of the descriptive legend is to satisfy these needs, which I should like to outline briefly:

(1) Where more than one man is concerned with the soil survey of an area it is highly important that all mappers draw the lines and interpret the soils in the same way, otherwise the final maps will not fit together and a great deal of resurveying may be required. Since many figures are necessary about percentage of slopes, depth of soil, and so on, it is impossible to do this orally. Each one needs a definite guide.

(2) The legend furnishes the basis for organizing all of the facts that become available in the course of the survey either by direct observation of the surveyors themselves, or from the experiences of farmers, from other technicians in the Service, and from other sources within the Department and State experiment stations.

(3) The descriptive legend is an exceedingly useful tool for organizing discussions among surveyors and other people working with them about the soils and their use, interpretation, classification, and groupings. Such discussions can be kept organized by the descriptive legend.

(4) Such a legend is essential for an orderly transfer of soil survey workers. We all know that we have quite a turnover among our soil scientists. Frequently a new man must pick up the work during the course of a survey. Unless there is a clear descriptive legend that portrays the essential facts already learned, the new man is bound to go through a long period during which he works inefficiently and before he finds out what his predecessor already knew.

(5) Continually we are making uses of our

surveys long prior to final completion and publication, not only within the Service, but for many other purposes, some of which are very important. Of course we make our maps available but these don't mean much unless we have a legend to go with the maps that explains the characteristics of the units and as much solid information as a basis for interpretation as we have been able to accumulate. A good descriptive legend amounts to a current summary of what the soil scientist has found out.

(6) With the development of a descriptive legend the soil scientist is at the same time preparing the report for publication. He does this at odd times as the field mapping progresses. This means far better soil survey reports at considerably less time and cost. This is especially true where personnel changes occur just a little prior to completion. In the absence of a complete descriptive legend at that stage, it may require a competent man several months to prepare a publishable manuscript.

I believe that most will agree that any one of these purposes is a very important need. Perhaps any one of them could be met reasonably well by some other device; but I know of no other way in which we can meet most of them without greatly increasing time and cost. Our soil surveyors have quite a bit of time for taking notes and for writing in small periods throughout the course of the survey. Such time would not otherwise be so well used. I feel that for efficiency the various aspects of the whole job - soil descriptions, soil classification, interpretation, and the development of the report - should be carried along together rather than setting up some days for descriptions, some months for report writing, and so on.

--Charles E. Kellogg, Assistant Administrator for Soil Survey, Soil Conservation Service.

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#### PLANS AND PROGRESS OF THE NEW SYSTEM OF CLASSIFICATION

Most of the comments and criticisms of the 4th approximation of a system of soil classification have probably been received. A few correspondents have indicated that they intend to comment in the near future. The strength of the arguments against some of the features of the 4th approximation indicates a clear need for a 5th approximation before the new system is published. The preparation of this approximation is under way, and it is hoped that it can be circulated early in the summer. Although most changes are minor, a few are of major importance.

Work has been started on developing names for the various classes in the new system.

Professor John Heller, Head, Department of the Classics, University of Illinois, is assisting our staff, and Professor Dr. Rene Tavernier, in charge of the Belgian Soil Survey, is working with Professor A. L. Leemans, Head of the Classic Languages of the University of Ghent, in an independent effort to develop a system of names. A meeting of the two groups is being scheduled for this summer to compare results and to try to select the best alternatives. The results will be circulated for criticism and suggestions before any final decisions are reached.

--Guy D. Smith, Director, Soil Survey Investigations, Soil Conservation Service.

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#### SOIL SURVEY PUBLICATIONS

One Soil Survey of Series 1955 will be sent to the printer before May, 1957, if everything goes well. More important, map work is now in progress on every soil survey for which we have field sheets, approved final correlation, and promise of a report manuscript before mid-summer 1956.

These two facts point clearly to the need for a steady flow of soil survey field sheets, correlations, and report manuscripts to support the publishing program. Remember that no map compilation can be done until we have the field sheets and the final correlation of soils, the latter approved by the Director of Soil Classification and Correlation. Since all parts of the work must move forward together, no substantial amount of map work is done until we have a promise that the report manuscript will be received soon.

Some recent developments in soil survey publications have to do with the format of published maps and reports, the scale of soil maps and the type of base map used.

Format of published maps and reports: An experimental atlas for Culpeper County, Virginia, was prepared in 1954. Maps were printed on sheets that could be bound with one fold to make an atlas 9-1/2 by 11 inches in size. Most people who saw the atlas liked it, although there were some dissenting opinions. Maps in sheets of atlas size can be drafted and finished by production-line methods, and therefore turned out more quickly than those in large sheets on which only one person can work at a time. The optimum size appears to be about 12 square miles. Smaller sheets require too much checking of boundaries and this increases the cost.

The large page of the atlas format permits more flexibility with photographs, sketches, and tables than was possible in the old 6 by 9-inch size. In that connection, please don't judge make-up and typography from the Culpeper sample.

Get a copy instead of the first regular report in the new format. It will be for Watauga County, North Carolina, and should be off the press about midsummer 1956.

Scale of Maps: In publishing a soil survey we want to reproduce for the permanent record those soil separations and soil boundaries that have significance in use and management of the soils, or in describing and classifying soils. Experience has shown that these significant soil boundaries can be recorded satisfactorily in most areas on field sheets at a scale of 4 inches to the mile. We have found that in some areas the significant boundaries can be published at a scale of 3 inches to the mile; in a few areas the full scale of 4 inches may be needed. Since some items of cost in producing maps are fifty percent greater if the scale is 4 inches than if it is 3 inches, the reasons for using the smaller scale are obvious. A scale of 2 inches or less will be used wherever it is adequate to represent the work satisfactorily.

Many of the soil maps now in production have been planned at a scale of 1:20,000, which is 3.17 inches to the mile. This scale is convenient for the Cartographic Division since it is that of the contact prints in most aerial surveys. It is not a convenient scale, however, for many users of soil maps. The question of scale will be re-examined from time to time and the best decision possible will be made for each publication. Field people and co-operators are consulted. We recommend 3.0 inches or 3.17 inches for most surveys mapped on 4-inch field sheets; 2.0 inches when the degree of detail permits; and 4.0 inches or larger only where the work cannot be represented legibly at a small scale. The scale of each published map must be decided several months before field work is completed, so the mosaic can be prepared in time to be ready for map compilation when final correlation is approved.

Type of Base Map: Maps of the experimental Culpeper Atlas were printed on an aerial mosaic base. Mosaic maps cost much less than colored line maps and will be adopted in most areas where suitable materials can be had. Colored maps that were already under way in the fall of 1954 will be completed according to the original plans. Some of them have been laid out in atlas size sheets where this could be done without difficulty.

Soil-association Maps Needed: Mosaic maps show clearly the soils of a small area such as a farm, but not the general soil pattern in a township or a county. For the users who want to see soil patterns easily, we need a suitable generalized map. A soil-association map is therefore needed for each area that is published

on a mosaic base. The most convenient scale is one that permits the map to be reproduced on one atlas sheet, not larger than 10-1/2 x 15 inches inside the margin.

--J. Gordon Steele, Chief, Soil Survey Reports, Soil Conservation Service.

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#### SOIL MAPS FOR USDA REVIEW OF PROPOSED FLOOD CONTROL AND DRAINAGE PROJECTS ON THE MISSISSIPPI RIVER ALLUVIAL PLAIN (DELTA)

The U. S. Corps of Engineers has proposed certain projects for the lower Mississippi River. The Soil Conservation Service, in cooperation with the Forest Service and the Agricultural Research Service, has been given the task of estimating or predicting for the USDA the long-time effects these projects are likely to have on the agriculture of this area. These projects propose flood control and drainage at many localities on the Mississippi alluvial plain, all the way from Cairo, Illinois, to the Gulf. The soil scientists in the six States of Louisiana, Arkansas, Missouri, Mississippi, Tennessee, and Kentucky have the important task of preparing the soil maps needed in making these estimates or predictions. Undoubtedly there are many soil scientists who will assist substantially in making the necessary predictions.

The SCS State soil scientists of the six States concerned met in Jackson, Mississippi, on January 23-24, 1956, with other SCS soil scientists and engineers, and representatives from other agencies. A soil mapping legend was worked out that could be used in all six States. In this legend, all the soil types known to occur on the Mississippi alluvial plain below Cairo were grouped into 14 mapping units. The types were grouped in a way to make possible the most important agricultural interpretations with a low number of mapping units. These mapping units will be the basis for interpretations. The long-time effects of the proposed improvements, such as drainage, overflow protection, and irrigation, will be predicted for each mapping unit. Also, provisions were made in the legend for showing overflow phases and slope phases where needed.

The maps will be at the scale of 1 mile = 1 inch. At this scale the mapping will be rather general. Insofar as possible, the maps will be compiled from existing soil maps and other data, but some field work will be required, at least in some States. The maps will be prepared for project areas as set forth in the engineers' proposals. Altogether these areas may cover about 85 percent of the Mississippi alluvial plain. It is hoped that eventually, perhaps in about two years, the remaining 15 percent also can be mapped and that a map of the entire plain can then



be put together.

--Arnold C. Orvedal, Chief, World Soil Map,  
Soil Conservation Service.

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#### SMALL-SCALE SOIL MAPS

It has long been recognized that large-scale detailed maps, while necessary for farm-by-farm planning, are not well suited for the user who needs a general view of the soils of rather large areas, such as counties, states, groups of states, or even of the nation as a whole. We know that small-scale maps have been needed in the recent past, and will be needed again in the near future for the estimation of conservation needs. In order to better serve the SCS, as well as the public at large, the Soil Survey is studying soil maps, including soil association maps and problem area maps, at scales smaller than those now used for detailed surveys. First, it is trying to find out what the users need and what the shortcomings of existing maps are. For example, some very preliminary inquiries have already pointed to a need for soil maps of counties at a scale of about 4 miles = 1 inch with the soils grouped into not more than eight kinds of map units but preferably not more than five or six.

After more inquiries have been made, it is planned that general guides for the compilation of small-scale soil maps for counties, states, and perhaps larger areas will be developed. Then as small-scale maps are made, it is hoped that they will be consistent with a national scheme, that they will be in line with a national system of soil classification, and that they will be useful to soil scientists and others. It is hoped also that such maps will serve either as direct contributions to the United States portion of a soils map of the world or as convenient sources from which to generalize further for this purpose.

--Arnold C. Orvedal, Chief, World Soil Map,  
Soil Conservation Service.

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#### WORK CONFERENCE ON SOIL INTERPRETATION

A work planning conference dealing with soil interpretation was held in Washington the week of April 2. Members of the Washington-Field soil correlation staff and staff specialists of the Washington office participated in the conference. Major emphasis was placed on a discussion of the capability groupings and the content of soil survey reports.

Progress was made in clarifying the objectives of the capability groupings. Deliberations will be continued on this subject at the National Work Planning Conference in St. Louis

in May. Although no major changes in the capability classification are anticipated, a number of definitions will be rewritten to overcome some of the misinterpretations which have been made in the past.

Requirements concerning the contents of a standard soil survey report were set forth. These differ very little from those used in the past. However, it was pointed out that the manner in which this material could be presented in the report could vary depending upon the needs of the area; the information available, and the wishes of the people in the State in which the report would be written.

Guidance in the development of outlines and material to be included in a standard soil survey report will be provided to the authors of soil survey reports by the soil correlation staff through the State soil scientist.

-- A. A. Klingebiel, Assistant Director, Soil Survey Interpretation, Soil Conservation Service.

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#### USDA TO LAUNCH SOIL AND WATER CONSERVATION NEEDS INVENTORY

Secretary Ezra Taft Benson announced recently that the Department of Agriculture will begin work immediately on a national inventory of soil and water conservation needs. The inventory is intended to equip the Department to more effectively plan and carry out its soil and water work. Plans call for completing the initial inventory in three years, with periodic revisions thereafter to keep the figures up to date.

"With the inventory, we can make reasonable estimates of the magnitude and urgency of the various conservation measures needed to maintain and improve the country's productive capacity for all the people," Secretary Benson said.

The inventory will be made for each county in the United States. It will provide basic facts about the amount and kind of soil, water, and plant resources as well as a realistic estimate of treatments needed to best protect and improve those resources.

The Secretary's memorandum setting up the inventory program directs the Soil Conservation Service to carry out the study with the help of the Agricultural Conservation Program Service, Agricultural Research Service, Commodity Stabilization Service, Federal Extension Service, Farmers Home Administration and Forest Service.

Representatives of those agencies will make up a national Soil and Water Conservation Needs Committee which will develop procedures and guide the program. Comparable committees in the States

and Territories will be named to carry out the work at that level.

In addition, the Secretary said, cooperation of state and local agencies, organizations, and groups concerned with soil, water, forest, range and wildlife conservation will be actively solicited. These include the land-grant colleges, soil conservation districts, state forestry and conservation departments, water agencies, and similar groups. Federal agencies responsible for land management in other Departments will be asked to help obtain data which can be used in the inventory.

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#### TRIALS OF NEW "FOUNTAIN PENS" FOR INKING FIELD SHEETS

Improved techniques and procedures are being used by field soil scientists to increase the efficiency of the soil survey program in the United States. Generally, the improvements have been in the form of modifications in the design of soil augers, both power and hand operated, and other kinds of equipment. Some of these improvements have been discussed in previous issues of the Field Letter, but no mention has been made of methods for improving the quality and neatness of the finished soil map. Since soil surveying is an art as well as a science, some consideration should be given to the part that may be classified as art. Recently, new "fountain pen" types of inking pens have been developed which make inking less tedious. Some of the field soil scientists are using these new type pens on a trial basis.

Listed below are some of the comments received from the field on these inking trials.

1. H. H. Morse, State Soil Scientist of Ohio reports: "We ordered a dozen of the No. 1 Rapidograph pens for inking field sheets. Boyd Patton, State Soil Scientist of West Virginia, mentioned the pens in his monthly narrative report. We found that they are very good for drawing soil boundaries but a little heavy for lettering. We found later that they are producing a No. 0 pen that is about right for lettering, but it doesn't always feed fast enough for long lines. Bill Schumate reports he saved about one-third of the time of inking with this fountain pen, but Bob Shields said he wasn't able to use his."

2. D. L. Fontenot, Jr., State Soil Scientist of Louisiana, reports: "During November 1955 the State office made available to each soil scientist and work unit conservationist a Rapidograph fountain pen for use with India ink. This pen has excellent possibilities in soil survey work and in preparing district agreement

maps. It works just like any other fountain pen, does not clog, and one filling lasts several days. I think it will save about 25 percent of the time of inking surveys. Also, a more uniform inking job can be done by the inexperienced soil scientist.

3. Milo S. James, State Soil Scientist of Arizona, reports: "Requests for the Rapidograph pen for use with India ink indicate that this pen is being very well received by the soil scientist and range conservationist. Several have reported very satisfactory use of it in inking field sheets and have encountered no difficulty due to clogging or drying of the India ink. We are using the No. 1, fine."

4. Lloyd E. Mitchell, State Soil Scientist of Nebraska, reports: "The survey crew of Kimball County, Nebraska, have tried the sample Rapidograph pen and report that it works very well except in lettering in small areas. It is excellent for the large areas. They have requested four more of the pens for their use."

5. Vernon H. McGehee, Area Soil Scientist of Jackson, Mississippi, wrote that they have ordered two Rapidograph pens for trial in his area.

6. Boyd J. Patton, State Soil Scientist of West Virginia, reports: "We purchased for trial one Rapidograph fountain pen. This pen is guaranteed to handle India ink without clogging and can be used against a straight-edge. In a very brief trial here at the office it lived up to its promises. It makes a light, uniform line, not quite as fine as the finest crowquill. It may offer a device for cutting down inking time and producing a neater map. It would be ideal for anyone who can ink in the field. However, all of our men have stopped field inking. Newman will give his pen a thorough trial and will make a report.

"A survey made several years ago in old Region 1 showed that soils men spent about 33 percent of their time on cartography. Anything which will help to reduce this percentage and produce a neater map will be worthwhile.

"Francis Cain and Beverage made trials on the Leroy pen which was recommended by the people at Cornell several months ago. Their reports are similar. Their important comments are:

- a. It makes a very smooth uniform line.
- b. It is awkward for lettering symbols in small areas.
- c. It does not clog seriously, if cleaned properly every day.
- d. The fine wire point is fragile and requires careful handling.
- e. Time required to clean the pen is a disadvantage, particularly when one is inking only an hour or two at a time.

"Their conclusion is that the pen is well worth using for inking lines, but it is probably more efficient to use a regular pen for lettering."

7. Edmund A. Naphan, State Soil Scientist of Nevada, reports: "Test inking of field sheets with the Rapidograph pen has shown that these pens are well suited for this purpose."

8. Glenn A. Avery, State Soil Scientist of South Dakota, reports: "We tried out the Rapidograph pen last month and we think it is a definite improvement over other types of fountain pens sometimes used in the field for direct inking."

9. C. B. Breinig, State Soil Scientist of Tennessee, reports: "One soil scientist indicated that the finest point makes too wide a line. This man makes exceptionally fine lines and does a neat job of inking."

Here is a word of caution for users of the Rapidograph pen. "The pen is a sensitive precision instrument. When used with drawing ink, which dries quickly, great care should be used. Never allow the pen to remain uncapped when not in use. If ink has been allowed to dry in the pen, flush thoroughly with lukewarm water or fill with a good commercial pen cleaner, leaving the pen to stand for several hours, emptying the cleaner and flushing the pen thoroughly, making certain to shake out any remaining water. Never tamper with the pen or disassemble it yourself."

"Use only clean, quality drawing or regular fountain pen inks. Do not use acetate drawing - duplicating - or other specialty inks which may damage your pen." (Taken from manufacturer's guarantee.)

--John A. Neeley, Soil Scientist, Soil Conservation Service.

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#### CRITERIA FOR PROMOTION

From time to time questions are raised about what a soil scientist needs to do to be considered seriously for promotion. One can, of course, make a long list of desirable traits; yet few people could be expected to possess all of them. The matter may be generalized simply into finding the answer to the following question:

What does the record show that the soil scientist has already done with the opportunities he has had for service and for self-improvement?

That is, if a man has not fully used his opportunities in a position as GS-7 or GS-9, for example, we could not expect that he would use

even so well the increased opportunities of a position of the GS-9 or GS-11 grade.

Loyalty to the public interest, accuracy of scientific work, industry, cooperation with others, resourcefulness in getting the job done, use of time for study and inquiry, promptness and clarity of expression of results - all these and other qualities are important - but they can best be evaluated from the record of definite accomplishment as it bears on the basic question.

-- C.E.K.

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#### BOOK REVIEWS

CRISSCROSS TRAILS - Narrative of a Soil Surveyor. By Macy H. Lapham. Willis E. Berg, Berkeley 9, California. 246 pp., illus., 1949.

"Macy writes simply about places and people. Yet, little by little he tells us a lot about soils and the plants that grow on them and about farms, and mountains, and deserts, and deep forests. Above all, he tells us good stories that involve hundreds of people all the way from camp boys to Secretaries of Agriculture, from bindle stiffs to college presidents. The stories are never mean or cynical, but good fun." (Taken from the foreword by Charles E. Kellogg.)

CHEMISTRY OF THE SOIL. Firman E. Bear, Editor. Reinhold, New York, 1955, 373 pp., illus., \$8.75. (Reviewed in *Science*, Vol. 123, No. 3196, Mar. 30, 1956, by R. H. Bray.)

This is a monograph containing ten chapters that deal with different sections of soil chemistry, namely: soil development, chemical composition, soil colloids, exchange phenomenon, soil organic matter, soil fixation of plant nutrients, oxidation reduction, chemistry of acid, alkaline, alkali, and saline soils, trace elements, and relationship of soil chemistry to plant nutrition. The appendix contains routine soil analysis.

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SOIL PHYSICS by L. D. Baver. 3rd ed., 489 pp., illus., 1956. New York 16: John Wiley & Sons, Inc. \$7.75. (Reviewed by Ben Osborn, Publications Editor, Soil Conservation Service.)

Almost a hundred pages of new material has been added in this third edition of Baver's well-known textbook. The additions appear as sentence- and paragraph-length inserts throughout the book where the author has noted recent developments in the knowledge of his subject. Each list of references at the end of a chapter contains several entries dated since the appearance of the second edition in 1948.

Besides the numerous additions covering recent literature, there are new sections on the practical aspects of the subject, such as those on irrigation, drainage, erosion, and soil conservation.

Soil conservationists in recent years have experienced a growing appreciation of soil physics. The physical properties of soils, no less than the chemical, influence crop yields. These properties change for good or bad in response to the various treatments of the soil. If fertility is one side of the coin of productivity, soil structure is the other.

Baver helps us to visualize the physical features of the soil and to understand their relationships. His dynamic approach is emphasized in the new edition by a reorganization of material to present the soil first "as a disperse system." In this system, "The clay and humus material are the active portions because of their high specific surface and their chemical constitution." The silt and sand fractions, he notes, "may be considered the skeleton of the soil."

In the succeeding chapters on soil-water systems, soil structure, soil air, and soil water, the character and performance of clays get primary attention. The fact that in the new edition the chapter on soil air is placed ahead of the one on soil water may indicate the author's high appreciation of the importance of structure in soil management.

Practical applications are discussed in chapters on soil irrigation, soil drainage, soils and tillage, and soils and erosion. Considerable new material has been added to the latter chapter, especially relating to control methods using vegetation and stubble mulching. There is also a new section on wind erosion.

The book had been brightened by a more emphatic typography for chapter and topical headings.

The changes fully justify the new edition.

\* \* \*

SOIL FERTILITY by C. E. Millar. 436 pp., illus., 1955. New York: John Wiley and Sons, Inc., New York 16. \$6.75. (Reviewed by R. O. Lewis, Assistant Director, Soil Survey, Soil Conservation Service.)

This is intended as a textbook for college students in soil fertility and is also valuable as a reference for soil conservationists, county agents, farm managers, and others interested in the interrelationships of soils and growing plants. Knowledge of chemistry, plant physiology, and microbiology are needed to fully appreciate this book, but the material is presented with such clarity that one need not be

highly specialized in any of these fields to make practical use of much of the information.

Chapter 2 is a statement of essentials for plant growth. Chapters 3 through 12 discuss each major plant food element and the more important micronutrients with respect to their use by plants and the supply in the soil.

Other chapters are devoted to soil deficiencies, soil testing, plant and tissue testing, microorganisms of the soil, green manures, animal manures, and commercial fertilizers.

Chapter 18 gives a thorough discussion of crop rotations and farming systems. This chapter gives fundamentals and takes examples from various regions of the United States. The coverage is good but more detailed local research information is needed for specific local farm planning.

Considerable interest is added by the first chapter on the early development of agriculture and the last chapter which summarizes early field research in England and the United States.

The book is well written and reflects Dr. Millar's long experience in teaching and research. It is broad in geographical scope for the United States and is well documented with references for those interested in pursuing further any particular phase.

\* \* \*

#### OBITUARIES

P. R. McMILLER: In February 1956 Professor McMiller died suddenly of a heart attack at his home in Minneapolis, Minnesota. His death came as a shock to his family and his many friends and coworkers. For many years he was Professor of Soils Chemistry at the University of Minnesota, St. Paul, Minnesota, and it was while he served in that capacity that he became a true friend of the Service and its personnel, especially the soil scientist. He will always be remembered by the many young men who are now soil scientists with the Service for the important contributions he made to their early training and education. Professor Mac, as he was called by his friends and coworkers, retired in June 1955, and it was hoped at the time that he would be around for many years to give advice and counsel to those needing it. His untimely death will have deprived many young men of the friendship and guidance that characterized his association with others who will always be indebted to Professor Mac for the help, guidance, encouragement, and laughs that he gave them from day to day.

\* \* \*

KERMIT E. DAHMS: Kermit E. Dahms, Soil Scientist at Selma, Alabama, died this February last. He was 37 years old and had been working with the Soil Conservation Service since 1941. During the period from 1941 to 1950, he served as Assistant Agricultural Aid, Junior Soil Conservationist, Soil Conservationist, and in 1950 he was transferred and assigned as Soil Scientist at Selma, Alabama, where he worked

until his untimely death.

Kermit was born and reared in Oklahoma. He received his BS degree in Agronomy from Oklahoma A & M College, Stillwater, Oklahoma, in 1941.

The body was returned to Chickasha, Oklahoma, for burial.

UNITED STATES DEPARTMENT OF AGRICULTURE  
Soil Conservation Service

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April 15, 1956

Washington-Beltsville

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Assistant Director .....	Roger D. Headley
Director, Soil Survey Investigations .....	Guy D. Smith
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Chief, World Soil Map .....	A. C. Orvedal
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Dever, Robert F.	Scott, Catherine B.
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 Carter, O. R.  
 Clement, J. F.  
 Cotton, J. A.  
 Duffie, E. M.  
 Fincher, O. D.  
 Fussell, K. E.  
 Harlin, W. V.  
 Henry, R. E.  
 Kelley, W. H.  
 McBride, E. H.  
 McNutt, R. B.  
 Perry, E. A.  
 Reeves, W. J.  
 Sherard, Hoyt  
 Stephens, M. E. \*

ALASKA

Rieger, Samuel

ARIZONA

Adams, Elmer D.  
 Brown, J. Ellsworth  
 Buckner, Russell  
 James, Milo S. \*  
 Jay, James E.  
 Kester, Gerald  
 Largent, Merrill  
 LeVee, William M.  
 Mildner, William F.  
 Randall, Everett C.  
 Richardson, Merlyn  
 Saunders, John  
 Schurig, Rudolph G.  
 Wendt, George

ARKANSAS

Cook, Robert J.  
 Cox, John B.  
 Cloutier, Hardy  
 Dean, Hartzell C. \*  
 Ferguson, Dick  
 Finger, Charles \*\*  
 Gray, James L.  
 Gregory, Russell L.  
 Harper, M. Dean  
 Hoelscher, James E.  
 Larance, Fred C.  
 Long, H. Wade  
 Maxwell, George R.  
 McCollum, Charlie N.  
 McGrew, Carl A.  
 Millard, Thomas T.

\* State Soil Scientist

\*\* Assistant State Soil Scientist

(EL) Educational leave

(MF) Military leave

(LWOP) Leave without pay

Robertsdale  
 Evergreen  
 Evergreen  
 Dadeville  
 Winfield  
 Cullman  
 Robertsdale  
 Robertsdale  
 Gunterville  
 Anniston  
 Ozark  
 Birmingham  
 Robertsdale  
 Dadeville  
 Birmingham  
 Ozark  
 Decatur  
 Auburn

Palmer

Chandler  
 Safford  
 Yuma  
 Tucson  
 Casa Grande  
 Holbrook  
 Safford  
 Yuma  
 Coolidge  
 Tucson  
 Wilcox  
 Phoenix  
 Eloy  
 Cottonwood

Harrison  
 Little Rock  
 Warren  
 Little Rock  
 Forrest City  
 Little Rock  
 Forrest City  
 Pocahontas  
 Paragould  
 Searcy  
 Warren  
 McGehee  
 Searcy  
 Ashdown  
 Russellville  
 Harrison

ARKANSAS (Con.)

Simerson, Adam H.  
 Stephens, Francis H.  
 Walker, Elmer

Little Rock  
 Fort Smith  
 Magnolia

CALIFORNIA

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Leighty, R. G.	Gainesville
Lewis, O. C. *	Gainesville
McCollum, S. H.	Ocala
Moore, J. R.	Tallahassee
Powell, D. P.	Gainesville
Taylor, D. S.	Tallahassee
Thomas, Buster P.	Lake City
Vanatta, E. S., Jr.	Sarasota

\* State Soil Scientist

\*\* Assistant State Soil Scientist

(EL) Educational leave

(MF) Military leave

(LWOP) Leave without pay

## SOIL SCIENTISTS (Con.)

FLORIDA (Con.)

Weeks, H. H.	Defuniak Spr.
White, H. O.	Orlando

GEORGIA

Aydellott, D. Gray	Waycross
Bacon, Daniel D.	Hazelhurst
Bennett, Jackson (Supr. Tr. Center)	Athens
Bramlett, Glenn L.	Rome
Brown, Jack	Elberton
Brooks, J. F.	Carrollton
Byrd, H. J.	Albany
Calhoun, J. W.	Perry
Crabb, T. N.	Columbus
Craft, R. W., Jr.	Perry
Davis, H. T.	Griffin
Gilbert, Richard H.	Tifton
Green, T. W.	Decatur
Huff, J. R.	Perry
Hungerford, J. B.	Decatur
Iseley, Ervin E.	Soperton
Jensen, E. R.	Tifton
Jones, Sidney M.	Gainesville
Jordan, D. H.	Elberton
Lawson, J. C. (MF)	Carrollton
McIntyre, C. L.	Rome
Middleton, R. G.	Albany
Owens, J. C.	Statesboro
Paulk, H. L.	Rome
Payne, H. H.	Milledgeville
Ritchie, F. T., Jr. *	Athens
Robertson, S. M.	Gainesville
Stevens, J. G.	Tifton
Stone, E. M.	Waycross
Thomas, Grover J.	Rome
Wells, R. D.	Carrollton
Williams, W. G. (MF)	Swainsboro
Woods, J. C.	Perry
Wright, Alexander	Statesboro

HAWAII

Ikeda, Warren S.	Wahiawa
Kingsbury, Joe W. *	Honolulu
Paeth, Robert C.	Hilo
Sato, Harry	Wahiawa
Womack, Durward W.	Hawaii ?

IDAHO

Anderson, Truman C., Jr.	Sandpoint
Baker, Raymond J.	Lewiston
Case, Charles W.	Caldwell
Chugg, Jack C.	Grandview
Daniels, D. Max	Idaho Falls
Gallup, Darrell L.	Twin Falls
Hansen, Harold L.	Arco
Hulse, Boyd L.	Jerome
Leighty, Willis J. **	Boise
Parrott, Charles F. *	Boise
Perrin, Weldon G.	Pocatello
Priest, Thomas W.	St. Anthony
Ross, William R.	Soda Springs
Salzmann, Richard A.	Boise



## SOIL SCIENTISTS (Con.)

## SOIL SCIENTISTS (Con.)

IDAHO (Con.)

Troech, Frederick R.  
Webb, Delmar H.

Emmett  
Lewiston

ILLINOIS

Bartelli, Lindo J. \*  
Benson, Lawrence L.  
Bourland, Ralph  
Busche, Lester J.  
Cleveland, Francis W.  
Cummins, Lindell L. (MF)  
Downey, Charles E.  
Gook, Gerald W.  
Grimes, Myron F. (EL)  
Halhubner, Elmer (MF)  
Hallbick, Donald C.  
Harland, Marion B.  
Hopkins, Donald W.  
Hudelson, George  
Jorgenson, Ingolf H.  
Link, Victor G.  
McCormack, Donald E.  
McCulloch, H. R. (WAE)  
Newberry, Raymond L.  
Parks, Walter D.  
Paschke, John E.  
Steinkamp, J. C.  
Walker, George O. \*\*  
Wallace, Donald L.

Urbana  
Sterling  
Urbana  
Anna  
Jerseyville  
Harrisburg  
Hillsboro  
Sterling  
Urbana  
Woodstock  
Woodstock  
Urbana  
Mt. Vernon  
Hillsboro  
Lawrenceville  
Macomb  
Peoria  
Urbana  
DeKalb  
Anna  
Kankakee  
Carroll Co.  
Urbana  
Mt. Vernon

INDIANA

Bailey, Ralph  
Bass, Turner C. \*  
Bever, Richard  
Binnie, Rex (EL)  
Edmonds, Nuel F.  
Froedge, Ronald  
Gruenwald, Armin R.  
Guernsey, Carl W.  
Hutchinson, Ned R.  
Kelly, Leo  
Kirschner, Frank R.  
Kronenberger, Russell C. \*\*  
Lee, G. B. (Agent)  
Lehman, Sam  
Lewis, Richard  
Modesitt, Robert E.  
Montgomery, Dallas D.  
Orr, Donald  
Preston, George D.  
Sanders, Frank W.  
Schermerhorn, Edward J.  
Strum, Ralph H.  
Williamson, Herbert F.  
Wilson, Donald V.

Greencastle  
Lafayette  
Crawfordsville  
Rensselaer  
Rensselaer  
Scottsburg  
Kendallville  
Lafayette  
Logansport  
Vincennes  
Lagrange  
Indianapolis  
Madison  
Greencastle  
Paoli  
Paoli  
Scottsburg  
Bluffton  
Paoli  
Greencastle  
Indianapolis  
Vincennes  
Vincennes  
Paoli

IOWA

Boatman, W. J. E. \*  
Didrickson, Raymond I.  
Daniels, Raymond B. (EL)  
Dietz, Wayne P.  
Fisher, Charles S.  
Frederick, Wayne  
Grant, Lothair H.  
Harvey, Elmer H.  
Hidelbaugh, Allen R.  
Highland, John D.  
Jury, Wilburn M.  
Kerker, Earl J.  
King, Elton L.  
Kittleson, Kenneth K.  
Koppen, Maynard P.  
Lewis, Royce R.  
Ohland, Paul F.  
Richlen, Ellsworth M.  
Russell, Robert C.  
Schabilion, George  
Slusher, David F.  
Smith, Sanford M.  
Turner, Robert I.  
Tyler, Lloyd E. \*\*  
Warren, Robert L.  
Worster, John R.

Des Moines  
Shenandoah  
Ames  
Corydon  
Strom Lake  
Iowa City  
Fairfield  
Sioux City  
Algona  
Marion  
Council Bluffs  
Maquoketa  
Winterset  
Decorah  
Oskaloosa  
Atlantic  
Hampton  
Ames  
Adel  
Ft. Dodge  
Charles City  
Muscatine  
Spencer  
Ames  
Denison  
Mt. Pleasant

KANSAS

Abmeyer, Walter  
Atkinson, C. H.  
Bell, Elbert L.  
Boatright, Wm. C.  
Bookless, Edward E.  
Boon, Wm. C., Jr.  
Dickey, Harold P.  
Dodge, Darold A.  
Fourier, Donald M.  
Glover, Robert K.  
Goggin, Richard L.  
Harner, Rodney E.  
Hecht, Leo A.  
Horsch, Marcellus L.  
Jackson, Richard K.  
Jensen, Earl H.  
Jorgensen, George N., Jr.  
Kingsolver, Elmer J.  
Linnell, Lyle D.  
McBee, Charles W.  
Neill, James T.  
Nelson, Arthur P. \*  
Otuski, Henry T. \*\*  
Penner, Harold L.  
Reimer, Allen H. (EL)  
Rieke, Duane L.  
Rockers, James J.  
Rott, Donald E.  
Saffry, Orville W.

Topeka  
Belleville  
Colby  
Hiawatha  
Hays  
Syracuse  
Hugoton  
Dodge City  
Dodge City  
Beloit  
Yates Center  
Garden City  
Hugoton  
McPherson  
Salina  
Syracuse  
Olathe  
Hugoton  
Oakley  
Syracuse  
Emporia  
Salina  
Garden City  
El Dorado  
Medicine Lodge  
Marysville  
Kingman  
Girard  
Concordia

\* State Soil Scientist

\*\* Assistant State Soil Scientist

(EL) Educational leave

(MF) Military leave

(WAE) While actually employed

KENTUCKY

Amos, D. F.  
Arms, F. S.

Murray  
Jamestown

## SOIL SCIENTISTS (Con.)

KENTUCKY (Con.)

Barton, A. J.	Edmonton
Bryan, R. C.	Henderson
Bryan, W. B., Jr.	Bardstown
Brooks, G. R. (MF)	Hartford
Carpenter, W. W. *	Lexington
Carroll, D. T.	Lebanon
Colson, D. A.	Elkton
Converse, H. T., Jr.	Madisonville
Cox, Frank R., Jr.	Owensboro
Dawson, C. A.	London
Durham, K. W.	Harrodsburg
Dye, J. W.	Bowling Green
Farmer, Denver L.	Boonesville
Gillem, H. G.	Prestonburg
Hail, C. W.	Hazard
Hersch, D. M.	Owingsville
Huffman, E. V. **	Lexington
Humphreys, M. C.	Princeton
Isgrig, D.	Lexington
Johnson, A. S.	Somerset
Latham, E. E.	Glasgow
Leathers, T. R.	Independence
Lee, J. H.	Flemingsburg
Leighty, R. V.	Mayfield
Love, P. M.	Marion
Luttrell, C. D.	Shelbyville
McDonald, H. P.	Ashland
Newton, J. H.	Clinton
Odor, H. B.	Williamstown
Partin, W. R.	Columbia
Preston, D. G.	Winchester
Reed, W. S. (MF)	Danville
Richardson, A. J.	Carrollton
Ross, J. C.	Elizabethtown
Snelling, Richard T.	Liberty
Stapp, J. G.	Irvine
Taylor, J. L.	Paris
Wallace, H. A.	West Liberty
Weisenberger, B. C.	Moorehead
Wilson, B. L.	Hartford
Zimmerman, W. H.	Louisville

LOUISIANA

Berry, Buford G.	Lafayette
Chaffin, Bruce F.	Shreveport
Clark, Henry Lamar	Crowley
Cocherham, W. L.	Alexandria
Dance, Ray E.	Donaldsonville
DeMent, James A.	Shreveport
Eilerts, H. W.	Winnsboro
Fontenot, D. L., Jr. *	Alexandria
Kerr, Alexander, Jr.	Alexandria
Loftin, Lester L.	Alexandria
Millet, John L.	Shreveport
Roy, Audrey J.	Jennings
Scalf, John R.	Ruston

\* State Soil Scientist

\*\* Assistant State Soil Scientist

(EL) Educational leave

(ML) Military leave

(LWOP) Leave without pay

## SOIL SCIENTISTS (Con.)

LOUISIANA (Con.)

Weems, Tracey A.	Tallulah
White, Almond G.	Denham Springs

MAINE

Arno, John	Bangor
Farley, William H.	Presque Isle
Faust, Albert P.	Augusta
Goodman, Kenneth V.	Orono
Hardesty, J. Stewart *	Orono
Michaels, Sheldon	Sanford
Riley, Richard M.	Bangor
Willey, Roslyn B.	Skowhegan

MARYLAND

Anderson, Richard A.	Upper Marlboro
Compy, Elvin Z. W.	Upper Marlboro
Crocker, David C. (LWOP)	Upper Marlboro
Hershberger, Merl F. *	College Park
Hutton, Frank Z., Sr.	Salisbury
Kirby, Robt. M.	Upper Marlboro
Matthews, Earle D.	Annapolis
Morgan, David	Rockville
Stone, Kenneth M.	Cumberland
Walter, Philip J.	Bel Air

MASSACHUSETTS

Coates, William H. *	Amherst
Filios, Frederick A.	Greenfield
Francis, Everette L.	Concord
Fuller, Donald C.	Pittsfield
Goodell, Hermon U.	Greenfield
Mott, John R.	Segregansett
Pollard, Albert W.	Northampton
Reiske, Robert F.	Northampton
Roffinoli, Rino	Brockton
Upham, Charles W.	Brockton
Warren, Wm. F.	West Springfield

MICHIGAN

Alfred, Stanley D.	East Lansing
Austin, Franklin R.	Kalamazoo
Bedell, Glenn D.	West Branch
Bryan, Robert L.	Pontiac
Dorrance, Alfred B.	Fennville
Engberg, Clarence A. *	East Lansing
Harmon, Lacy I.	East Lansing
Holcomb, Sheldon G.	Traverse City
Irvine, Alan W.	Jackson
Johnson, Robert	Grand Rapids
Landtiser, Gilbert R.	Kalamazoo
Meister, Delbert R.	Gladwin
Mettert, Wesley Ken.	Evart
Pasco, Dale E.	Saginaw
Pregitzer, Karl E.	Ionia
Sherman, Alonzo (MF)	Ann Arbor
Slota, Robert W.	Marquette
Threlkeld, G. W. (EL)	East Lansing
Weber, Hermann L.	Traverse City

MINNESOTA

(See following page)

## SOIL SCIENTISTS (Con.)

MINNESOTA

Anderson, Woodrow W.  
 Barron, Donald D.  
 Chamberlain, Leon M.  
 Cowles, Donald A.  
 Crook, Charles B.  
 Cummins, Joseph F.  
 Diedrick, Raymond T.  
 Edwards, Russell J.  
 Erickson, Roy A.  
 Farnham, R. S. (Agent)  
 Grimes, Myron F.  
 Harms, Grenfall F.  
 Herries, J. C.  
 Hokanson, Hilding L.  
 MacVey, Gordan C. (MF)  
 Latvala, Hans C.  
 Lorenzen, Francis D.  
 Ravenholt, Halvor B.  
 Robertson, Alex S.\*  
 Scilley, Francis M.  
 Shields, Leo G. (EL)  
 Woodworth, David K.  
 Ziebell, Martin G.

MISSISSIPPI

Anderson, J. L.  
 Brent, F. V.  
 Bright, W. E.  
 Byars, Kenneth H.  
 Carter, R. C.  
 Cole, W. A.  
 Covell, R. R. \*  
 Davis, Rex E.  
 Dent, J. H., Jr.  
 Freeman, Charles H.  
 Galberry, H. S.  
 Garber, M. C.  
 Havens, Y. H.  
 Lane, Henry C.  
 Leggett, A. R.  
 Mauldin, T. A., Jr.  
 McGehee, V. H.  
 McMullen, J. W.  
 Milbrandt, A. C.  
 Morris, Wm. M., Jr.  
 Murphree, L. C.  
 Neal, H. L.  
 Nye, W. W.  
 Richardson, John E.  
 Scott, F. T.  
 Schaffer, M. E.  
 Sweeney, Nelson  
 Thomas, A. E.  
 Tyer, M. C.  
 Williams, Harmel C.  
 Wynn, A. H., Jr.

\* State Soil Scientist

\*\* Assistant State Soil Scientist

(EL) Educational leave

(ML) Military leave

Marshall  
 Thief River Falls  
 Minneapolis  
 Rochester  
 Fergus Falls  
 Owatonna  
 Benson  
 St. Peter  
**Fergus Falls**  
 St. Paul  
 St. Cloud  
 Red Wing  
 Benson  
 Marshall  
 Owatonna  
 Fergus Falls  
 Marshall  
 Thief River Falls  
 St. Paul  
 Thief River Falls  
 Fairmont  
 St. James  
 St. Cloud

West Point  
 Brookhaven  
 New Albany  
 Hattiesburg  
 New Albany  
 Pascagoula  
 Jackson  
 Grenada  
 Batesville  
 Meridian  
 Batesville  
 Tupelo  
 Jackson  
 Jackson  
 Brookhaven  
 Tupelo  
 Jackson  
 Grenada  
 Brookhaven  
 Greenwood  
 Decatur  
 Meridian  
 Meridian  
 Grenada  
 Rolling Fork  
 Lucedale  
 Meridian  
 Grenada  
 New Albany  
 Greenwood  
 Greenwood

## SOIL SCIENTISTS (Con.)

MISSOURI

Dimmitt, Melvin E.  
 Grogger, Harold E. \*  
 Hamby, Robert M.  
 Hughes, Harold E.  
 Jeffrey, Allan H.  
 Kintner, Galen E.  
 Wilbur, Merritt G.  
 Hannibal  
 Columbia  
 Cameron  
 Kingston  
 Fulton  
 Bethany  
 Cape Girardeau

MONTANA

Anderson, Arial  
 Campanella, Robert A.  
 Cawlfeld, Dave R. \*  
 Clark, Clair O.  
 Cloninger, John R., Sr.  
 Dunmire, Ralph G.  
 Farnsworth, Dean H.  
 Fielder, Armer G.  
 Gray, Laverne  
 Haderlie, Van K.  
 Haigh, June G.  
 Hanson, Lawrence T.  
 Haub, Mervyn H.  
 Hogan, Ernest K.  
 Lowrey, Robt. E.  
 McConnell, Ronald C.  
 Miller, Franklin T.  
 Moshier, Ronald L. \*\*  
 Nielson, Evan C.  
 Olson, J. A.  
 Smith, James H.  
 Webb, Vernon S.  
 Weight, Brent N.  
 Wells, James H.  
 Dillon  
 Polson  
 Bozeman  
 Miles City  
 Kalispell  
 Glasgow  
 Forsyth  
 Billings  
 Big Timber  
 Harlowton  
 Three Forks  
 Plentywood  
 Shelby  
 Lewistown  
 Great Falls  
 Missoula  
 Billings  
 Bozeman  
 Butte  
 Billings  
 Billings  
 Deer Lodge  
 Great Falls  
 Choteau

NEBRASKA

Aldredge, Enis  
 Beesley, Thomas E.  
 Brown, Dennis  
 Clapper, Ted F.  
 Clocker, Lawrence F.  
 Cotter, Charles  
 DaMoude, Dean W.  
 Davis, Lyle L.  
 Good, Kenneth J.  
 Greenawalt, Ross D. \*\*  
 Greiner, Loren M.  
 Hammond, Charles  
 Indra, Orvil  
 James, Melvin A.  
 Kollmorgen, Herbert L.  
 McKenzie, Wm. E.  
 Mitchell, Lloyd E. \*  
 Plantz, Merritt A.  
 Pollock, Robert S.  
 Prill, R. C. (Agent)  
 Sautter, Edward  
 Williard, John E.  
 Yost, Donald A.  
 Young, Jack F.  
 Young, Keith K.  
 Scottsbluff  
 Beatrice  
 Scottsbluff  
 Wakefield  
 Scottsbluff  
 Scottsbluff  
 West Point  
 Hebron  
 Lincoln  
 Lincoln  
 Pawnee City  
 Holdrege  
 O'Neill  
 Scottsbluff  
 Wayne  
 North Platte  
 Lincoln  
 Broken Bow  
 Kearney  
 - -  
 North Platte  
 Albion  
 Grand Island  
 Creighton  
 Chadron

## SOIL SCIENTISTS (Con.)

NEVADA

Bagley, Donald G. Elko  
 Cole, Everette L. Winnemucca  
 Garlick, Glen W. Ely  
 Langan, Lucien N. Reno  
 Larsen, Leland I. Boulder City  
 Mayhugh, R. E. Elko  
 Naphan, Edmund A. \* Reno  
 Porter, Kusler (ML) Fallon  
 Woodruff, George Fallon

NEW HAMPSHIRE

Garland, Lloyd E. \* Concord  
 Gile, Leland H., Jr. Rochester  
 Hamilton, Anthony Concord  
 Pilgrim, Sidney A. L. Woodsville  
 Van der Voet, Dirk Concord  
 Vieira, Frank J. Woodsville  
 Winkley, Harvel E. Milford

NEW JERSEY

Backer, Albert D. Newton  
 Jablonski, Clarence F. Somerville  
 Markley, Marco L. Somerville  
 Quakenbush, Granville A. \* New Brunswick  
 Wilson, Kenneth Purl New Brunswick

NEW MEXICO

Abaskin, Basil Albuquerque  
 Bartlett, F. David Clayton  
 Bourlier, Bobby G. Estancia  
 Brinneman, Gene K. Portales  
 Buchanan, Donald E. State College  
 Buchanan, William A. Tucumcari  
 Carmichael, Carlton J. Carlsbad  
 Cassady, Claude F., Jr. (EL) Deming  
 Diebold, Charles H. Albuquerque  
 Folks, James J. Santa Fe  
 Gomez, Robert S. (In Charge, State College  
 Coop. Soil Survey Lab.)  
 Hilly, Theodore E. Lordsburg  
 Hughes, J. A. Tucumcari  
 Jackson, Joe B. Albuquerque  
 Maker, Harrison J. \* Albuquerque  
 Malchow, Richard L. Mountainair  
 Miller, Paul N. (Part time) Clayton  
 Ricketts, Robert (WUC - Farmington  
 part time surveys)  
 Roath, Archie J. Roswell  
 Ross, W. James Portales  
 Sandoval, Fred M., Jr. (EL) Las Vegas  
 Seeley, Clair N. Lovington  
 Sherrell, Arthur G. Springer  
 Taylor, Raymond D. Lovington  
 Wilson, Carl Las Vegas  
 Yager, Thomas U. \*\* State College

\* State Soil Scientist

\*\* Assistant State Soil Scientist

(EL) Educational leave

(ML) Military leave

## SOIL SCIENTISTS (Con.)

NEW YORK

Baltz, Mary C. Canastota  
 Bartlett, John B. Oneonta  
 Fedak, Theodore East Aurora  
 Finley, Robert R. Jamestown  
 Flora, Donald F. Cobleskill  
 French, Lewis M. Bath  
 Gardner, David R. \* Ithaca  
 Giddings, Edward B. Binghamton  
 Hutton, Frank Z., Jr. Auburn  
 Kick, Leslie W. Oswego  
 Landry, Robert S. Hudson  
 Laux, Burton R. Saratoga  
 Rice, C. Irwin Syracuse  
 Robinson, Luther H. Rochester  
 Seay, Billy D. Ithaca  
 Secor, Wilbur Sodus  
 Shelton, William Plattsburg  
 Trach, John Troy  
 Wertz, William A. Batavia  
 Work, Ralph Fonda  
 Yoakum, Troy D. Albion

NORTH CAROLINA

Aull, L. E. Shelby  
 Barnhill, W. L. Goldsboro  
 Brewer, Edward O. Salisbury  
 Brock, George G. Lumberton  
 Brown, Robt. M. N. Wilkesboro  
 Cawthorne, J. W. Franklin  
 Covington, J. P. Elizabeth City  
 Curle, L. D. N. Wilkesboro  
 Godwin, Gus T. Raleigh  
 Hearn, Sam H. Greensboro  
 Horton, R. E. Wadesboro  
 Hunt, C. L. Greensboro  
 Karnowski, E. H. Washington  
 King, J. M., Jr. Waynesville  
 Meadows, J. A. New Bern  
 Newman, J. B. Greenville  
 Pleasants, R. C. Raleigh  
 Shope, W. I. Sanford  
 Steele, Forrest \* Raleigh  
 Turpin, J. W. Graham  
 Warrick, E. S. Shelby  
 Watts, J. B. Goldsboro  
 Weaver, Arlin Whiteville  
 Wilson, Chas. S. Newton  
 Zimmerman, J. L. Salisbury

NORTH DAKOTA

Allen, James S. (Head, SCS Lab.) Mandan  
 Brockman, Gregory (SCS Lab.) Mandan  
 Goertel, Donald (SCS Lab.) Mandan  
 Jordan, Robert H. (SCS Lab.) Mandan  
 Bahr, A. Francis Dickinson  
 Baker, Bertram C. Devils Lake  
 Bannister, Donald L. Rugby  
 Bartz, Clayton C. Dickinson  
 Dunningan, Lorn P. Grafton  
 Evenson, Eldon H. Fargo

## SOIL SCIENTIST (Con.)

NORTH DAKOTA (Con.)

Farris, Cornelius G., Jr.	?
Freymliller, Wm. F.	Hettinger
Gleason, Merrill R.	Bismarck
Howey, Robert L.	Minot
Joos, Lloyd L.	Bismarck
Kerl, Donald E.	Valley City
Larsen, Wesley M.	Lisbon
Moffatt, H. H.	Beach
Moss, Paul E.	?
Seago, John B.	Rugby
Shoesmith, Lloyd *	Bismarck
Smith, Ralph S. E.	Williston
Steele, Edgar F. (EL)	Velva
Stout, Howard R.	?
Thompson, Donald G.	Jamestown
Weiser, Paul K.	Hazen

OHIO

Andrus, Howard W.	Dayton
Bureau, Marvin F.	Wooster
Bernath, Glenn E. (Tng.Center)	Coshocton
Gaston, William	Tiffin
Hale, William	Hillsboro
Haley, Francis E.	Portsmouth
Heffner, Robert L.	Wapakoneta
Hole, Thornton (MF)	Tifton
Innis, Charles H.	Jackson
Lawrence, John W.	Elyria
Lerch, Norbert K.	Hamilton
Lessig, Heber D.	Lisbon
Meeker, Ralph L. **	Columbus
Morse, H. Howe *	Columbus
Reed, Herbert	Columbus
Reese, Paul W.	Warren
Reese, William E.	Columbus
Schafer, George M. **	Columbus
Shields, Robert L.	Lancaster
Shumate, William H.	Columbus
Stout, Maurice, Jr.	Hillsboro
Urban, Donald R.	Coshocton
Van Done, John W.	Defiance

OKLAHOMA

Abernathy, Edward	Boise City
Adams, L. P.	Muskogee
Allen, Billy J.	Enid
Allgood, Ferris	Boise City
Baggett, Beryle G.	Stillwater
Bailey, Oran F.	Altus
Bates, Leland	Hinton
Baumann, W. Elmo (Soil Lab.)	Stillwater
Burgess, Dent L.	Clinton
Cerda, L. J. (Soil Lab.)	Stillwater
Chelf, John	Oklahoma City
Derr, Louis E.	Stillwater
Dries, Fred J.	Stillwater
Fisher, Carl	Watonga

\* State Soil Scientist

\*\* Assistant State Soil Scientist

(EL) Educational leave

(MF) Military leave

## SOIL SCIENTIST (Con.)

OKLAHOMA (Con.)

Galloway, Harry	Stillwater
Graft, R. D.	Altus
Harmon, Eldred	Pauls Valley
Icenhower, Joe	Boise City
Killian, O. J.	Hugo
Long, Roscoe M.	Holdenville
Marshall, R. L.	Anadarko
Maxwell, A. J.	Ardmore
McMurtry, Dean (Soil Lab.)	Stillwater
Meinders, Hadley C.	Guymon
Miller, Mack L.	Woodward
Mobley, Hubert L.	Lawton
Murphy, Ralph S.	Boise City
Nance, Earl C.	Buffalo
Newland, Claude T.	Vinita
Nichols, Joe	Buffalo
Palone, Dock J.	Claremore
Ringwald, W. J.	Walters
Sparwasser, W. A.	McAlester
Swofford, Billy	Wilburton
Warth, Peter	Boise City

OREGON

Anderson, Walter	Hillsboro
Andrew, Louis E.	Klamath Falls
Biggerstaff, Harold W. (EL)	Redmond
Bown, Thomas A.	Cottage Grove
Buzzard, Charles R.	Grants Pass
Crane, James N.	Hood River
Hill, Elmer L.	Pendleton
Hill, William W. *	Portland
Iverson, Ronald D.	McMinnville
Judah, Frank M.	Moro
Lindsay, M. Grant	Baker
Lovell, Burrell B.	Vale
Mayers, Leo R.	Pendleton
Mayko, Rudolph W.	Pendleton
Mitchell, Robert F.	The Dalles
Olds, Clarence R.	Eugene
Otte, George E.	McMinnville
Paul, John L.	Silverton
Piontkowski, Lawrence R.	Clatskanie
Power, Wm. E.	Klamath Falls
Price, Douglas G.	Heppner
Rasmussen, Lawrence M.	Enterprise
Smith, George K.	Redmond
Swanson, Richard C.	Tillamook
Tribe, John P.	Klamath Falls
Williams, J. Melvin	Albany
Williams, Lynn H.	Stayton
Williamson, John R.	Sutherlin

PENNSYLVANIA

Billings, Percy G., Jr.	Montrose
Briggs, Wm. A., Jr.	Tunkhannock
Fanning, Delvin S. (MF)	Erie
Fisher, Glenn	Jim Thorpe
Gardner, Donald G.	Erie
Kunkle, W. Merrill	West Chester
Loughry, Frank G. *	Harrisburg
Maresch, Wayne F.	Erie
Noll, John J. **	Harrisburg



## SOIL SCIENTISTS (Con.)

PENNSYLVANIA (Con.)

Norgren, Joel A. (MF)  
 Parrish, Paul H.  
 Pettinato, Daniel P.  
 Schmidt, Richard E. (MF)  
 Smith, Robert V.  
 Steputis, Walter J.  
 Taylor, David C.  
 Weaver, Richard C.  
 Yaworski, Michael  
 Zarichansky, John

PUERTO RICO

Boochehiamp, R. A.  
 Boothby, R. N.  
 Gierbolini, R. E.  
 Koch, Charles J. \*  
 Rivera, L. H.  
 Torres-Ricci, Guillermo

SOUTH CAROLINA

Byrd, H. S.  
 Camp, W. J.  
 Caudle, J. E.  
 Colburn, W. L.  
 Crow, E. E.  
 Davis, W. A.  
 Green, Francis L.  
 Jones, W. E.  
 Lawrence, C. B.  
 Lesesne, F. F.  
 McDonald, J. E.  
 Miller, E. N., Jr.  
 Montgomery, P. H. \*  
 Pitts, James J.  
 Stuck, W. M.  
 Sullivan, M. W.  
 Wakefield, J. B., Jr.  
 Ware, C. B., Jr.

SOUTH DAKOTA

Avery, Glenn A. \*  
 Chamberlin, Earl G.  
 Fox, Loren M.  
 Glover, William R.  
 Herring, Eldon F.  
 Johnson, Warren F.  
 Kirk, James E.  
 Lumb, Elroy R.  
 Matanzo, Francisco  
 Moxon, Vernon W.  
 Nestrud, Lorne M.  
 Olilla, Toivo J.  
 Radeka, Robert E.  
 Smalley, Miles W.  
 Springer, Robert F.  
 Thomas, Jordan B.  
 Wennblom, John A.

\* State Soil Scientist  
 \*\* Assistant State Soil Scientist  
 (EL) Educational leave  
 (MF) Military leave

?  
 Bloomsburg  
 Pottsville  
 Greensburg  
 York  
 Lock Haven  
 Erie  
 Gettysburg  
 Allentown  
 Brookville  
 Roosevelt, Hato Rey  
 Ponce  
 Corozal  
 San Juan  
 San German  
 Roosevelt, Hato Rey

Anderson  
 Newberry  
 Spartanburg  
 Darlington  
 Bamberg  
 York  
 Kingstree  
 Chester  
 Columbia  
 Kingstree  
 Charleston  
 Columbia  
 Columbia  
 Florence  
 Walterboro  
 Kingstree  
 Aiken  
 Walterboro

Huron  
 Mobridge  
 Watertown  
 Mobridge  
 Sturgis  
 Martin  
 Mitchell  
 Pierce  
 Mobridge  
 Huron  
 Sioux Falls  
 Watertown  
 Rapid City  
 Pierre  
 Winner  
 Mitchell  
 Flandreau

(Omitted above -----

## SOIL SCIENTISTS (Con.)

TENNESSEE

Bacon, S. R.  
 Breinig, Clarence B. \*  
 Brown, W. T.  
 Clement, A. B.  
 Cothran, J. B.  
 Cox, Buell  
 Day, Tom  
 Elder, J. A.  
 Flatt, L. W.  
 Flowers, R. L.  
 Hall, William G.  
 Harmon, Alonzo B., Jr.  
 Hogan, C. A.  
 Jackson, B. W.  
 Jackson, G. T.  
 Keathley, G. L.  
 Key, Joe L. (EL)  
 Longwell, T. J.  
 Love, T. R.  
 Moffitt, William C.  
 Moneymaker, R. H.  
 Phillips, Joseph A. (EL)  
 Powers, C. H.  
 Proffitt, W. H.  
 Robertson, Gordon H. (MF)  
 Sease, E. C.  
 True, J. C.  
 Waller, Hubert D. (MF)  
 Warren, R. B.  
 Williams, Lewis D.  
 Williams, L. G.

TEXAS

Adair, Monterey  
 Adams, Roy W.  
 Baker, Frank E.  
 Beckham, Wesley  
 Bednarek, Frank (MF)  
 Behrends, Andrew S. (MF)  
 Benton, Thomas H.  
 Blankenship, Dolman A.  
 Botts, Oral L.  
 Brooks, Carlos E.  
 Brooks, Charles A.  
 Brooks, William B.  
 Bruns, Herbert E.  
 Buckley, Wilson B.  
 Burkett, Tom  
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 Carson, D. W.  
 Chance, Billy  
 Coffee, Daniel R.  
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 Darby, Gerald M.  
 Dean, Horace C.  
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 Dittmore, William H.  
 DeLozier, Willis L. (MF)  
 Elder, William R.  
 Fox, Robert E.  
 Carson, A. D.

Dickson  
 Nashville  
 Selmer  
 Huntingdon  
 Springfield  
 Pulaski  
 Somerville  
 Knoxville  
 McMinnville  
 Somerville  
 Johnson City  
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 Cookeville  
 Pikeville  
 Nashville  
 Union City  
 Union City  
 Knoxville  
 Manchester  
 Selmer  
 Johnson City  
 Somerville  
 Knoxville  
 Savannah  
 ?  
 Memphis  
 Shelbyville  
 ?  
 Cleveland  
 Centerville  
 Rogerville  
 Denton  
 Stanton  
 Bryan  
 Littlefield  
 Nacogdoches  
 Big Spring  
 Seguin  
 LaGrange  
 Brownwood  
 St. Augustine  
 Waxahachie  
 Childress  
 Hereford  
 Palestine  
 Gonzales  
 San Saba  
 Pecos  
 Hereford  
 Victoria  
 Temple  
 Rosenberg  
 Harlingen  
 Beeville  
 San Marcos  
 McKinney  
 Big Spring  
 Lamesa  
 Temple  
 Pecos  
 Woodville

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TEXAS (Con.)

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 Freeman, Lawrence W.  
 Fuchs, Westal W.  
 Geiger, Luther C.  
 Giddens, Thomas W.  
 Goerdel, L. E.  
 Gooch, Hulon D.  
 Gordan, Lester L.  
 Hailey, Reland B.  
 Hall, Miles I.  
 Hanson, Arthur  
 Hansell, James L.  
 Hill, Ralph H.  
 Hodges, Harold P.  
 Huckabee, John W., Jr.  
 Jacquot, L. L.  
 Keown, Robert A.  
 Kerr, Robert M.  
 Koos, William M.  
 Kral, Robert  
 Leggett, Jesse H., Jr.  
 Lewis, Deward E.  
 Loftin, K. T.  
 Marr, Fred L.  
 Marshall, Richard M. \*  
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 Turner, August  
 Turner, M. T.

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 Big Spring  
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 Haskell  
 Littlefield  
 Gainesville  
 Lubbock  
 Littlefield  
 Muleshoe  
 Lamesa  
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 DeLeon  
 Pearsall  
 Commerce  
 Harlingen  
 Big Spring  
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 Lubbock  
 Lamesa  
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 Perryton  
 El Paso  
 Stamford

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TEXAS (Con.)

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 Walters, William M.  
 Watson, Wm. E., Jr. (MF)  
 Welker, Anthony J., Jr.  
 Werchan, Leroy E.  
 Wiedenfeld, C. C.  
 Wilborn, Sam J.  
 Williams, Jack C.

Nacogdoches  
 Tyler  
 San Angelo  
 Pampa  
 Rockdale  
 Ballinger  
 Terrell  
 Stamford

UTAH

Barney, Marvin L.  
 Broderick, J. Howard  
 Campbell, Keith  
 Campbell, LeDane B.  
 Chadwick, Raymond S.  
 Erickson, Austin J.  
 Erickson, Dwaine (MF)  
 Hughie, Vern K.  
 Keetch, C. Wesley  
 Kitterman, S. J.  
 Merrell, C. L.  
 Metcalf, John W. \*  
 Olsen, Marvin E. \*\*  
 Richens, Clifton W. (MF)  
 Shiozaki, Jungi J.  
 Stokes, Howard A.  
 Stott, Laura H.  
 Stuart, Darrel M.  
 Swenson, John L., Jr.  
 Tingey, K. Marsel  
 Woodward, Lowell

Logan  
 Mt. Pleasant  
 Roosevelt  
 Logan  
 Ogden  
 Murray  
 Provo  
 Logan  
 Layton  
 Logan  
 Delta  
 Logan  
 Salt Lake City  
 Ogden  
 Price  
 Cedar City  
 Richfield  
 Tremonton  
 Roosevelt  
 Ogden  
 Provo

VERMONT

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 Dondero, Louis J.  
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 Kodess, Abner H.  
 Sheehan, Wilfred  
 Zayach, Stephen J.

Montpelier  
 Bennington  
 Bradford  
 Newport  
 Middlebury  
 Burlington  
 Woodstock  
 St. Albans  
 St. Albans

VIRGINIA

Anderson, Glenn R.  
 Brunger, E. H.  
 Carter, J. B.  
 Chudoba, G. J.  
 Clay, J. W.  
 Cregger, Walter L.  
 Devereux, R. E. \*  
 Feeman, A. L.  
 Ford, J. J.  
 Gettys, William  
 Huckle, H. F.  
 Hursey, F. W.  
 Judy, C. N.  
 Kane, J. F.  
 Pendleton, R. F.  
 Pfeiffer, N. B.  
 Thomas, W. E., Jr.

Bristol  
 Charlottesville  
 Orange  
 Emporia  
 Tappahannock  
 Blacksburg  
 Blacksburg  
 Warsaw  
 Harrisburg  
 Pulaski  
 Halifax  
 Staunton  
 Rocky Mount  
 Winchester  
 Heathsville  
 Bristol  
 Hillsville

\* State Soil Scientist (EL) Educational leave  
 \*\* Asst. State Soil Scientist (MF) Military leave

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VIRGINIA (Con.)

Turner, W. L., Jr.  
Tuthill, B. E.  
Vaden, J. H.  
Wilson, G. C., Jr.  
Wilson, G. V.

Blacksburg  
Great Bridge  
Chase City  
Chesterfield  
Staunton

WASHINGTON

Anderson, Sanford M.  
Arten, Oliver  
Bowlby, Clyde C.  
Brown, John W.  
Call, Willard A.  
Chapin, Ray W. \*  
Donaldson, Norman C.  
Dunning, Lorne T., Jr.  
Giese, Lawrence  
Hardin, Robert  
Harrison, Eward T.  
Jahn, Bert J.  
Lenfesty, Charles  
Main, Lauren L.  
McCreary, Fred R.  
McGee, Dale A.  
McMurphy, Carl J.  
Mir, Joe  
Ness, Arnold \*\*  
Neumann, Edwin W.  
Newlun, Jesse J.  
Pheasant, George E.  
Rasmussen, Jack J.  
Rogers, Jack W.  
Schlotz, Fred E.  
Snyder, Dale E.  
Thomson, John P. (LWOP)  
Vlasoff, Paul I.

Ephrata  
Cheney  
Spokane  
Wenatchee  
Kelso  
Pullman  
Pomeroy  
Ellensburg  
Yakima  
Warden  
Walla Walla  
Wilbur  
Pasco  
Puyallup  
Dayton  
Vancouver  
Olympia  
Davenport  
Pullman  
Spokane  
Colfax  
Ephrata  
Bellingham  
Goldendale  
Seattle  
Okanogan  
Colville  
Tonasket

WEST VIRGINIA

Beverage, Woodrow W.  
Cain, Francis E.  
Curry, William H.  
Ellyson, Walter J.  
Espy, Lester E.  
Gorman, John L.  
Newman, Leonard S.  
Patton, Boyd J. \*  
Rayburn, James B.

Elkins  
Grantsville  
Summersville  
Parkersburg  
Hamlin  
Beckley  
Lewisburg  
Morgantown  
Point Pleasant

WISCONSIN

Bartleme, Robert J.  
Beatty, Marvin T. (EL)  
Butman, Burel S.  
DeYoung, William \*  
Diers, Richard  
Garvey, Glenn D.  
Haszel, Orville

Wausau  
La Crosse  
Green Bay  
Madison  
Spooner  
La Crosse  
Eau Claire

\* State Soil Scientist  
\*\* Assistant State Soil Scientist  
(EL) Educational leave  
(MF) Military leave  
(LWOP) Leave without pay

## SOIL SCIENTISTS (Con.)

WISCONSIN (Con)

Higgins, Richard A.  
Johnson, Norman  
Klingelhoets, Ambrose J.\*\*  
Link, Ernest G.  
Nelson, Erling E.  
Steingraeber, Joseph A.  
Strelow, Harvey V.  
Thomas, Delbert D.  
Torrance, Stuart W.  
Watson, Bruce G.  
Weber, Roland

Green Bay  
Madison  
Madison  
Fond du Lac  
Spooner  
Waukesha  
Wausau  
Eau Claire  
Madison  
Waukesha  
Madison

WYOMING

Bindschadler, Harold \*  
Brunkow, Ernest F.  
Casey, Thomas J.  
Elwonger, Waldo G.  
Fowkes, Clarence J.  
Fox, Charles  
Harvey, Marland  
Iiams, John E.  
Juvan, Eddie  
Lewis, Don J.  
McComas, Howard E.  
Singleton, Paul C. (MF)  
Snyder, Stanley E.  
Westnitzer, Wm. J.

Casper  
Torrington  
Worland  
Sundance  
Riverton  
Torrington  
Baggs  
Riverton  
Pinedale  
Kemmerer  
Torrington  
Laramie  
Powell  
Douglas

\* \* \*

## WORK PLANNING CONFERENCES

Arrangements are being made to hold a soil survey technical work-planning conference early in 1957 in each of the four land-grant college regions. The schedule is as follows:

Jan. 7 - 10 (Tentative), Gainesville, Florida, Southern Region  
Chairman - O. C. Lewis, SCS, Florida  
Vice-Chairman - R. G. McCracken, Knoxville, Tennessee  
Jan. 14 - 18, Allerton Park, 25 miles S.W. of Urbana, Illinois, North Central Region  
Chairman - L. J. Bartelli, SCS, Illinois  
Vice-Chairman - O. W. Bidwell, Kansas State College, Kansas  
Jan. 28 - 31, New York City, Northeastern Region  
Chairman - R. L. Donahue, Durham, New Hampshire  
Vice-Chairman - Boyd J. Patton, SCS West Virginia  
Jan. 28 - Feb. 1, Portland, Oregon, Western Region  
Chairman - W. W. Hill, SCS, Oregon  
Vice-Chairman - Ellis Knox, Oregon State Portland, Oregon

The expected participants will be land-grant college soil survey leaders, soil correlators, SCS State soil scientists, and one or two representatives from the National Headquartered Soil Survey Staff.

UNITED STATES DEPARTMENT OF AGRICULTURE  
Soil Conservation Service

Soil Survey Staff

July 1963

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Assistant . . . . . Richard M. Marshall  
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Chief, World Soil Geography (Hyattsville, Md.) . . . Arnold C. Orvedal

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Soil Scientist . . . . . Benjamin L. Matzek  
Soil Scientist . . . . . Morris E. Austin  
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Director . . . . . Felice M. Orsini  
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Issued October 1963

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Holton, William F.  
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Soil Physics and Moisture Relations

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Ross, Sam J.

Characterization

Pedersen, Edwood P., In Charge  
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Fleming, John F.  
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Phibbs, George M.  
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AEC-Fission Production Distribution

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Dever, Robert F.  
Meyer, Milton W.  
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Lincoln, Nebraska

Robert B. Grossman, Head  
James A. DeMent

Methods of Analysis

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Soil Characterization

Jordan, Robert H., In Charge  
Banning, Edward M.  
Juve, Robert L.  
McMurtry, Dean C., Jr.

Rivers, Ernest  
Shields, Leo G.  
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Walker, James L.

Riverside, California

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Reuben E. Nelson

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Henry, Clifford D.  
Klameth, Leo C.  
Leedy, Donald W.



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Ackerson, Kenneth T.	Reimer, Allan H.
Bailey, George D.	Robinson, Luther H.
Carter, William J.	Rourke, John D.
Compy, Elvin Z. W.	Steinkamp, James F.
Gallup, Darrell L.	Swanson, Dwight W.
Miller, L. LeForrest	Trach, John
Newhall, Franklin	Vessel, Anton J.
Paseur, James E.	Zarza, Ray E.

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B. A. Barnes, Assistant Chief

C. A. McSweeney, Head, Soil Survey Editorial Section

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Eddy, Elizabeth T.	Rittinger, Bette B.
English, Edgar	Slye, Aimee B.
Finlay, Thelma P.	Stewart, Charlotte K.
Gunther, Ruby J.	Swanson, Robert E.
Haring, Nancy L.	Thielking, Dorothy G.
Hoag, Hilda C.	Tine, B. Etoile
Jones, Agnes G.	Zwally, JoAnn M.

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Nogle Building  
605 S. Neil Street  
Champaign, Illinois 61823

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Room 3-419, Lilly Hall  
Purdue University  
Lafayette, Indiana

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Des Moines, Iowa 50309

*Arthur P. Nelson*  
~~Arthur P. Nelson~~  
760 South Broadway  
P. O. Box 600  
Salina, Kansas 67402 ✓

Willard W. Carpenter  
1409 Forbes Road  
Lexington, Kentucky 40505

David F. Slusher  
3737 Government Street  
P. O. Box 1630  
Alexandria, Louisiana 71301

Walter J. Steputis  
USDA Building  
University of Maine  
Orono, Maine 04473

Merl F. Hershberger  
228 Agriculture Building  
University of Maryland  
College Park, Maryland 20742  
(also has Delaware)

Stephen J. Zayach  
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Amherst, Massachusetts 01002

Clarence A. Engberg  
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East Lansing, Michigan 48823

Alex S. Robertson  
517 Federal Courts Building  
St. Paul, Minnesota 55102

Richard R. Covell  
Milner Building, Room 490  
Lamar and Pearl Streets  
P. O. Box 610  
Jackson, Mississippi 39205

Harold E. Grogger  
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Columbia, Missouri 65202

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Reno, Nevada 89502

Dirk van der Voet  
Federal Building  
Durham, New Hampshire 03824

Kenneth P. Wilson  
Feher Building  
103 Bayard Street  
P. O. Box 670  
New Brunswick, New Jersey 08903

Harrison J. Maker  
517 Gold Avenue, S. W.  
P. O. Box 1348  
Albuquerque, New Mexico 87103

Raymond L. Marshall  
400 Midtown Plaza  
700 E. Water Street  
Syracuse, New York 13210

Forrest Steele  
P. O. Box 12045  
Raleigh, North Carolina 27605

Lloyd Shoemith  
Professional Building  
Fifth and Rosser  
P. O. Box 270  
Bismarck, North Dakota 58502

Donald E. McCormack  
311 Old Federal Building  
3rd and State Streets  
Columbus, Ohio 43215

Louis E. Derr  
Agricultural Center Building  
Farm and Admiral Road  
Stillwater, Oklahoma 74074

William W. Hill  
Ross Building  
209 Southwest 5th Avenue  
Portland, Oregon 97204

Frank G. Loughry  
Central Industrial Building  
100 North Cameron Street  
Harrisburg, Pennsylvania 17101



C. M. Ellerbe  
6th Floor, Federal Building  
901 Sumter Street  
Columbia, South Carolina 29201

Maurice Stout, Jr.  
239 Wisconsin Avenue, S. W.  
P. O. Box 1357  
Huron, South Dakota 57350

Clarence B. Breinig  
561 U. S. Court House  
Nashville, Tennessee 37203

James R. Coover  
First National Bank Building  
16-20 South Main Street  
P. O. Box 648  
Temple, Texas 76502

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Salt Lake City, Utah 84101

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19 Church Street  
P. O. Box 736  
Burlington, Vermont 05401

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400 N. 8th Street, Federal Bldg.  
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Richmond, Virginia 23240

Ray W. Chapin  
Room 840, Bon Marche Building  
Spokane, Washington 99201

Boyd J. Patton  
209 Prairie Avenue  
Morgantown, West Virginia 26505

Ambrose J. Klingelhoets  
3010 E. Washington Avenue  
Madison, Wisconsin 53701

Russell C. Kronenberger  
Tip Top Building  
345 E. 2nd Street  
P. O. Box 340  
Casper, Wyoming 82605

William E. McKinzie  
1409 Ponce de Leon Avenue  
P. O. Box 9531  
Santurce, Puerto Rico 00908

Soil Scientists

Alabama

Batchelor, B. D.	Wedowee
Bewley, J. P.	Evergreen
Boman, J. E.	Anniston
Bryant, J. P.	
Burgess, L. H. **	Evergreen
Carter, O. R. **	Birmingham
Cotton, J. A.	Eutaw
Dungan, L. A.	Wedowee
Guthrie, R. L.	
Harlin, W. V.	Dadeville
Harris, D. M.	Dothan
Henry R. E.	Ozark
Hickman, G. L.	Dothan
Kelley, W. H.	Birmingham
Mattox, M. G.	Evergreen
McBride, E. H.	Oneonta
McNutt, R. B.	Clanton
Parker, W. B.	Wedowee
Reeves, W. J.	Selma
Sherard, Hoyt	Decatur
Stephens, M. E. *	Auburn

Cooperating Agency:

Alabama Experiment Station  
Dixon, J. B. Auburn

Alaska

Rieger, Samuel *	Palmer
Schoephorster, D. B. **	Palmer

Cooperating Agency:

Forest Service  
Stevens, M. E. Juneau

Arizona

Adams, Elmer D.	Mesa
Benzel, Robert A.	Phoenix
Davis, Norman M.	Phoenix
Gelderman, F. W.	Tucson
Hartman, George W.	Phoenix
Havens, Y. Harmon **	Tucson

Arizona Soil Scientists (continued)

James, Milo S. *	Phoenix
Jay, James E. **	Phoenix
Larson, Kermit N.	Tucson
Miller, Mack L.	Springerville
Mitchell, Walter R.	Flagstaff
Preece, R. K., Jr.	Willcox
Richardson, Merlyn L.	Willcox
Schurig, Rudolph G.	Eloy
Tripp, William P.	Tucson
Wendt, George E.	Prescott
Whitney, Bruce A.	Yuma
Wiesner, C. Howard	Prescott
Wilson, Carl D., Jr.	Buckeye
Winkelaar, Paul	Safford

Cooperating Agencies:

University of Arizona

Amburgey, Lyman	Tucson
Buol, S. W.	Tucson
Ray, Howard E.	Tucson

Forest Service

Anderson, T. C.	Prescott
Meurisse, R. T.	Prescott
Wheeler, L. D.	Prescott
Williams, J. A.	Albuquerque, New Mexico

Bureau of Indian Affairs

Baldwin, T. N.	San Carlos
Byram, R. J.	Whiteriver
Driscoll, James	Chinle
Honeycutt, J. E.	Sells
Keith, J. A.	Parker
Kutec, Willie	Whiteriver
Martin, Billy D.	Parker
Rigdon, Bill	Ft. Defiance
Ringer, Ray A.	Parker
Simpson, H. B.	Shiprock
Smith, Bill	Window Rock
Van Camp, Raymond	Shiprock
Vest, Fearn	Tuba City

---

\* State Soil Scientist  
\*\* Assistant State Soil Scientist or  
Soil Specialist

Arizona (continued)

Bureau of Reclamation  
 Bender, H. L. Phoenix  
 Brockman, G. W. Phoenix  
 Carter, Val H. Phoenix  
 George, C. J. Phoenix  
 Kolezar, R. J. Phoenix  
 Shultz, H. Dean Phoenix  
 Warner, Wm. J. Phoenix  
 Wood, W. S. Phoenix

Arkansas

Binkley, Dempsie G. Stuttgart  
 Bourland, Danny R. Lonoke  
 Catlett, Vernon R. Camden  
 Cloutier, Hardy McGehee  
 Cook, Robert J. Harrison  
 Cox, John B. Fort Smith  
 Dace, Donald F. Conway  
 Dean, Hartzell C. \* Little Rock  
 Ferguson, Dick V. Osceola  
 Finger, Charles J. \*\* Little Rock  
 Funk, Jeremy Paragould  
 Gore, Warren A. Warren  
 Gray, James L. Forrest City  
 Griffith, Paul Osceola  
 Haley, George J. Fayetteville  
 Harper, M. Dean Fayetteville  
 Hoelscher, James E. Walnut Ridge  
 Larence, Fred C. Warren  
 Lawson, Marvin \*\* Little Rock  
 McCollum, Charlie N. Ashdown  
 McGrew, Carl A. \*\* Little Rock  
 Millard, Thomas T. Harrison  
 Phillips, Wm. W. Fayetteville  
 Robertson, Nelse W. Paragould  
 Simerson, A. Howard Little Rock  
 Stephens, Francis H. Fort Smith  
 Vodrazka, Frank M. Russellville  
 Walker, Elmer Magnolia

Cooperating Agencies:

Arkansas Experiment Station  
 Chapman, Stanley Fayetteville  
 Horn, Merlin E. Fayetteville  
 Forest Service  
 Goddard, Wm. K. Ozark

California

Anderson, Carl H., Jr. Hanford  
 Andrews, Wells F. Woodland  
 Bates, Leland A. Dixon  
 Beutler, Charles S. Mariposa  
 Borgen, John O. Paso Robles  
 Bowman, Roy H. Escondido  
 Brines, Earl L. Fresno  
 Brittan, Lynn A. Auburn  
 Chang, Kan Kim Fresno  
 Cook, Terry D. Salinas  
 Dierking, Richard A. \*\* Fresno  
 Edwards, Ronald D. Madera  
 Elam, Norman E. Blythe  
 Ellison, Dwight K. Redding  
 Endo, Albert S. El Centro  
 Estrada, David C. Escondido  
 Gaston, Wm. A. Stockton  
 Goudey, Charles B. Alturas  
 Graham, Fred U. Sebastopol  
 Hansen, Robert W. Napa  
 Hill, Hal L. Bakersfield  
 Hilliker, Cleitus J. Santa Maria  
 Huff, Richard C. \*\* Berkeley  
 Johnson, Kenneth E. Red Bluff  
 Johnson, S. Burkett \*\* Red Bluff  
 Jones, Griffith S. Madera  
 Kashiwagi, James H. Santa Rosa  
 Kennedy, Grant M. \*\* Placerville  
 Kester, Gerald Escondido  
 Klaseen, Theodore A. Redding  
 Knecht, Arnold A. Riverside  
 Koster, Jerome L. Riverside  
 Kover, Richard W. Moorpark  
 Leifer, Lweis C. \*\* Santa Barbara  
 Lindsey, Wesley G. \*\* San Jose  
 Miller, Vernon C. Santa Rosa  
 Munsee, Stewart F. McArthur  
 Nazar, Paul G. Jackson  
 Nelson, Ralph E. \*\* Berkeley  
 Newlun, Jesse J. Yreka  
 Piontkowski, L. R. Ukiah  
 Porter, M. Kusler Victorville  
 Rabey, Daniel F. Moorpark  
 Rogers, John H. Placerville  
 Shipman, Gordon E. Santa Maria  
 Simonson, Conrad R. Murrieta  
 Sketchley, Harold R. Auburn  
 Stephens, Floyd G. Riverside

California Soil Scientists (continued)

California (continued)

Vlasoff, Paul I. Hemet  
Wachtell, John K. Santa Ana  
Waggoner, Rex D. Placerville  
Waterman, Lucius W. Visalia  
Webb, Vernon S. Arroyo Grande  
Weisel, Charles J. San Jose  
Welch, Lawrence E. Concord  
Williams, Leslie W. Susanville  
Wohletz, Leonard R. \* Berkeley  
Woodruff, George A. Lancaster  
Zimmerman, Robert P. El Centro

Cooperating Agencies:

Agricultural Research Service

Lawless, Paul Lompoc  
Perrier, E. R. Brawley

University of California

Arkley, R. J. Berkeley  
Begg, E. L. Davis  
Coleman, N. T. Riverside  
Gowans, K. D. Davis  
Harradine, F. F. Davis  
Herbert, F. W. Davis  
Huntington, G. L. Fresno  
Long, Charles R. Fresno  
McLaughlin, J. C. Davis  
Perry, E. P. Berkeley  
Peterson, F. F. Riverside

PSWF&RES Soil-Veg. Surveys

Camp, H. W. Berkeley  
Colwell, W. L. Berkeley  
DeLapp, J. A. Santa Rosa  
Mallory, J. I. Redding  
Smith, B. F. Santa Rosa  
Stone, C. O. Redding  
Zinke, P. J. Berkeley

Forest Service

Anderson, G. L. San Francisco  
Bradshaw, K. E. San Francisco  
Rockey, R. E. San Francisco  
Sherrell, A. G. San Francisco

Bureau of Reclamation

Cole, Ralph Sacramento

U.S. Marine Corps

Campo, P. V. Camp Pendleton

Calif. Dept. of Water Resources  
Haley, Roy Sacramento  
Wagner, R. J. Sacramento  
Bureau of Land Management  
Rice, Carl M. Sacramento

Colorado

Accola, Robert C. Greeley  
Amen, Alan Sterling  
Baber, Thomas G. Brighton  
Blankenship, W. A. Fort Collins  
Bare, Horman, H. Walden  
Boyer, Donald E. Grand Junction  
Brown, Joseph B. Littleton  
Brubacher, John I. Julesburg  
Cline, Arvad J. \*\* Fort Collins  
Crabb, James A. Greeley  
Dansdill, Robert K. \*\* Denver  
Fletcher, Louis A. Yuma  
Frederick, Willie J. Pueblo  
Geib, Elmo C. Holyoke  
Harman, Jerry B. Colorado Springs  
Henderson, Richard Littleton  
Hunter, Wm. R. Montrose  
Kleven, Evan V. Grand Junction  
Larsen, Lynn S. Colorado Springs  
Larsen, Roy J. Rocky Ford  
Martin, Donald R. Rocky Ford  
Mayhugh, Richard E. Alamosa  
McCoy, Dale E. Limon  
McCullough, M. Bruce Rocky Ford  
Moore, Tom R. Julesburg  
Moreland, Donald C. Longmont  
Moreland Ronald E. Littleton  
Nielson, James L. Glenwood Springs  
Pannell, James P. Monte Vista  
Parsons, Orville A. Fort Collins  
Payne, E. Milton \* Denver  
Paxton, Fay M. Durango  
Praetor, Rodney E. Lamar  
Roebeker, Melvin A. Fort Collins  
Sampson, John J. Brighton  
Spears, Clayton F. Grand Junction

Colorado Soil Scientists (continued)

Wells, Virgil R.	Julesburg
Wesswick, Ernest L.	Canon City
Woodyard, Stanley O.	Lamar
Yenter, James M.	Monte Vista

Cooperating Agency:  
Forest Service

Armstrong, C. R.	Durango
Bauer, R. F.	Durango
Fox, C. J.	Denver
Nishimura, J. Y.	Denver
Willmot, R. F.	Durango

Connecticut and Rhode Island

Daigle, A. P.	Greenville, R.I.
Gonick, Walter	Litchfield
Ilgen, L. W.	Norwich
Puchalski, M. A.	Wakefield, R.I.
Richardson, B. R.	Litchfield
Shearin, A. E. *	Storrs
Stevens, K. C.	Wallingford
Yost, David L.	Litchfield

Cooperating Agencies:

Conn. Agri. Experiment Station	
Hill, David E.	Storrs
Storrs Agri. Experiment Station	
Rubins, E. L.	Storrs

Delaware (See Maryland)

Florida

Cruz, O. E.	Lakeland
Duffee, E. M.	Marianna
Furman, A. L.	Orlando
Harrell, M. L.	DeFuniak Springs
Hataway, J. H.	Bushnell
Hazen, M. W.	Live Oak
Houston, T. B.	Lake City
Huckle, H. F.	Marianna

Florida Soil Scientists (continued)

Lewis, Olin C. *	Gainesville
Martin, Irving L. **	Athens, Ga.
McCollum, S. H.	Sebring
Moore, James R. **	Ocala
Pendleton, R. F.	Ft. Pierce
Pettry, D. E.	Orlando
Powell, D. P. **	Gainesville
Rawls, E. H.	Brooksville
Sullivan, J. L.	Bonifay
Thomas, B. P.	Ocala
VanAtta, E. S.	Sebring
Weeks, H. H.	Bonifay
White, H. O.	Orlando
Young, C. H.	Lake City

Cooperating Agency:

Florida Experiment Station	
Brown, G. A.	Ocala
Leighty, R. G.	Gainesville
Striker, M. M.	Ocala

Georgia

Bacon, D. D.	Baxley
Blevine, M. A.	Rome
Bramlett, G. L.	Rome
Brock, G. G.	Elberton
Brooks, J. F.	Carrollton
Brown, Jack R.	Statesboro
Byrd, H. J. **	Athens
Calhoun, J. W.	Tifton
Carson, W. S.	Tifton
Crabb, T. N.	Carrollton
Davis, H. T.	Griffin
Frost, L. W., Jr.	Thomson
Gaither, Gene A.	Gainesville
Iseley, E. E.	Soperton
Johnson, John H.	Waycross
Jones, S. M.	Decatur
Jordan, D. H.	Dalton
Martin, I. L. **	Athens
McIntyre, C. L.	Gainesville
Middleton, R. G.	Albany
Monts, D. D.	Statesboro



Georgia Soil Scientists (continued)

Idaho

Murphy, J. O. Dublin  
 Neal, Russell Albany  
 Paulk, H. L. Statesboro  
 Payne, H. H. Milledgeville  
 Pilkington, J. A. Milledgeville  
 Powell, James C. \*\* Athens  
 Rigdon, T. A. Soperton  
 Ritchie, F. T., Jr. \* Athens  
 Robertson, S. M. Athens  
 Smith, E. H. Albany  
 Stevens, J. G. Valdosta  
 Stoner, H. T. Waycross  
 Tate, Ray J. Canton  
 Thomas, Grover J. Decatur  
 Wells, R. D. Carrollton  
 Wilkes, R. L. Hinesville  
 Woods, J. C. Perry

Cooperating Agencies:

University of Georgia  
 Perkins, H. F. Athens  
 Forest Service  
 Green, T. W. Atlanta  
 Robinson, C. C. Atlanta

Barker, R. J.  
 Base, Steve R.  
 Biggerstaff, H. W.  
 Case, Charles W.  
 Crane, Wm. E., Jr.  
 Daniels, D. Max  
 Douglass, John F. \*  
 Freckleton, M. E.  
 Gallup, D. L.  
 Garber, Lowell  
 Hansen, H. L.  
 Harwood, Jack O.  
 Leighty, W. J. \*\*  
 Logan, Glen H.  
 Monroe, Gary A.  
 Perrin, W. G.  
 Priest, Thomas W.  
 Rasmussen, L. M.  
 Salzman, R. A.  
 Swenson, Charles F.  
 Stalnaker, J. R.  
 Stuit, G. A.  
 Webb, Delmar H.  
 Witty, John E.  
 Yeoumans, G. W.

Coeur d'Alene  
 Idaho Falls  
 Caldwell  
 Nampa  
 Rexburg  
 Idaho Falls  
 Boise  
 Blackfoot  
 Moscow  
 Moscow  
 Twin Falls  
 Blackfoot  
 Boise  
 Burley  
 Caldwell  
 Pocatello  
 Caldwell  
 Payette  
 Pocatello  
 Grangeville  
 Burley  
 Pocatello  
 Caldwell  
 Arco  
 Coeur d'Alene

Hawaii

Foote, Donald Lihue, Kauai  
 Giese, Laurence \* Honolulu, Oahu  
 Guernsey, Carl Wailuku, Maui  
 Hill, Elmer Honolulu, Oahu  
 Ikeda, Warren Hilo, Hawaii  
 Robello, Ernest Honolulu, Oahu  
 Sato, Harry Honokaa, Hawaii  
 Takehiro, Minoru Kealakekua, Hawaii

Cooperating Agencies:

University of Hawaii  
 Sherman, G. D. Honolulu  
 Uehara, Goro Honolulu  
 Hawaiian Sugar Planters' Assoc.  
 Trowse, Albert Honolulu

Cooperating Agencies:

Bureau of Indian Affairs  
 Chenoweth, V. T. Portland, Ore.  
 Jones, Donald Fort Hall  
 McDole, Robert Fort Hall  
 Forest Service  
 McConnell, R. C. Missoula, Mont.  
 Mueller, Oscar Missoula, Mont.  
 Olson, O. C. Ogden, Utah  
 University of Idaho  
 Fosberg, M. A. Moscow  
 Agricultural Research Service  
 Goetling, Tom Moscow

Illinois

Allison, Ray L. Hillsboro  
 Ashby, Albert H. Sterling  
 Awalt, Fred L. Champaign  
 Barnes, Norville E. Pekin

Illinois Soil Scientists (continued)

Bourland, Ralph E.	Mt. Vernon
Bushue, Lester J.	Macomb
Carroll, Franklin N.	Hillsboro
Crone, Gene H.	Kankakee
Douglas, C. L., Jr.	Pekin
Downey, C. E.	Hillsboro
Grantham, Dana R.	Hillsboro
Hacker, Leroy W.	Macomb
Hallbick, D. C.	Champaign
Holhubner, Elmer G.	Effingham
Hudelson, G. W.	Pekin
Jorgensen, Ingolf H.	Effingham
Kubalek, Emil E.	Kankakee
Mapes, D. R.	Champaign
Miles, Clifford C.	Anna
Newbury, Raymond L. **	Champaign
Parks, Walter D.	Anna
Paschke, John E.	Kankakee
Phillips, Donald B.	Hillsboro
Readle, Elmer L.	Champaign
Rehner, Richard	Sterling
Reinebach, Loyal M.	Mt. Vernon
Sinclair, H. Raymond, Jr.	Ottawa
Tyler, Lloyd E. *	Champaign
Walker, George O. **	Champaign
Wallace, Donald L.	Mt. Vernon
Watters, Paul S.	Sterling
Weiss, Benny J.	Anna
Wicks, Richard F.	Macomb

Cooperating Agency:

Illinois Experiment Station

Alexander, J. D.	Urbana
Andersen, R. H.	Urbana
Beavers, A. H.	Urbana
Bruce, R. C.	Urbana
Cassel, D. K.	Urbana
Frazee, C. J.	Urbana
Fehrenbacher, J.B.	Urbana
Jones, R. L.	Urbana
McKenzie, L. J.	Urbana
Odell, R. T.	Urbana
Ray, B. W.	Urbana
Sopher, C. D.	Urbana
Wascher, H. L.	Urbana

Indiana

Bass, T. C. *	Indianapolis
Brownfield, Shelby	Franklin
Carmony, Paul	Muncie
Deal, Jack	Kokomo
Gilbert, R. H.	Brownstown
Grunewald, A. R. **	Indianapolis
Huffman, Keith	Muncie
Kelly, Leo A.	Vincennes
Kirkham, Wendell	New Castle
Kirschner, F. R.	Kendallville
Lehman, Samuel F.	Goshen
Miller, Chelsie	Bluffton
Montgomery, Dallas	Scottsburg
Montgomery, Robert	Kokomo
Pilgrim, Sidney	Plymouth
Preston, George	Rensselaer
Robbins, John	Cannelton
Sanders, F. W. **	Indianapolis
Shively, Jerold	Franklin
Sturm, Ralph H.	Lafayette
Voss, Earl	Boonville
Weikert, Dean	Paoli
Wingard, Robert	Varsailles

Cooperating Agency:

Purdue University Staff

Galloway, Harry	Lafayette
Post, Don	Lafayette
Ulrich, H. P.	Lafayette
Wenner, Kenneth	Lafayette
Zachary, Alvin	Lafayette

Iowa

Brown, Melvin	Winterset
Bruns, Ed	Charles City
Buckner, Russell	Charles City
Carlson, Garwin	Boone
Clark, Lewis	Shenandoah
Dideriksen, R. I. **	Ames
Dietz, Wayne **	Ames
Fisher, Charles **	Ames
Fouts, William	Iowa City
Frederick, Wayne	Iowa City

Iowa Soil Scientists (continued)

Greiner, Loren  
 Hanson, Laurence  
 Harman, Harvey  
 Harmon, Lacy I. \*  
 Harvey, Elmer  
 Hidlebaugh, Allen  
 Highland, John \*\*  
 Hinkley, Kenneth  
 Jackson, Lyle  
 Jones, Robert  
 Jury, Wilbur  
 King, Elton  
 Kittleson, Kenneth  
 Koppen, Maynard  
 Lockridge, Dale  
 Mendenhall, Ralph  
 Miller, Mack  
 Mowry, Clark V.  
 Nixon, John  
 Palmer, Cecil D.  
 Persinger, Ival  
 Russell, Robert  
 Schermerhorn, E. J.  
 Smith, Roy  
 Voy, Kermit  
 Warren, Robert  
 Worster, John

Cooperating Agency:

Iowa Experiment Station  
 Dumenil, Lloyd Ames  
 Hall, George Ames  
 Protz, Richard Ames  
 Riecken, Frank Ames  
 Runge, Edward Ames  
 Walker, Pat Ames  
 Wells, Kenneth Ames

Kansas

Abmeyer, Walter Topeka  
 Angell, Raymond Gove  
 Allen, John Salina  
 Atkinson, C. Harry Concordia  
 Barker, Wesley L. Council Grove

Kansas Soil Scientists (continued)

Bell, Elbert L. Sedan  
 Boatright, Wm. C. Leavenworth  
 Campbell, Howard V. Topeka  
 Davis, Richard D. Lawrence  
 Dickey, Harold P. Lawrence  
 Dodge, Darold A. Medicine Lodge  
 Dowd, Louie W. Anthony  
 Ekart, Sylvester C. Eureka  
 Fleming, Edward L. Osborne  
 Gier, Donald A. Anthony  
 Glover, Robert K. Hays  
 Haberman, Roger L. Jetmore  
 Hamilton, Vernon L. Ulysses  
 Harner, Rodney F. Manhattan  
 Hoffman, Bruce Pratt  
 Horsch, M. L. Pratt  
 Jantz, Donald R. Manhattan  
 Jorgensen, G. N., Jr. Olathe  
 Lobmeyer, Marion A. Norton  
 Markley, Quinten Hays  
 McBee, Charles W. \*\* Salina  
 Neill, James T. Emporia  
 Nelson, Arthur P. Salina  
 Penner, Harold L. El Dorado  
 Ratcliff, I. W., Jr. Anthony  
 Roth, Wm. E. Kinsley  
 Rott, Donald E. Girard  
 Saffry, Orville W. Clay Center  
 Sallee, Kenneth H. Dighton  
 Swafford, Wm. R. Hays  
 Swanson, Deane W. Girard  
 Tomasu, Bob I. Meade  
 Youberg, Charles Goodland  
 Zavesky, Larry D. Hays

Cooperating Agencies:

Kansas Experiment Station  
 Bidwell, O. W. Manhattan  
 Bureau of Reclamation  
 Madison, James McCook, Nebr.

Kentucky

Anderson, Frank L.  
 Arms, Fred S.  
 Barton, Arlin J.  
 Carpenter, W. W. \*  
 Carroll, David T.  
 Converse, Henry T.  
 Cox, Frank R.  
 Dowell, Clifford W.  
 Dye, James  
 Fehr, James P.  
 Franklin, Leslie R.  
 Froedge, Ronald D.  
 Hail, Carl  
 Hayes, Raymond A.  
 Henry, Donald S.  
 Huffman, Edward V. \*\*  
 Humphrey, Maurice E.  
 Jacobs, Eullas H.  
 Johnson, Albert S.  
 Latham, Earle E.  
 Leathers, Thomas R.  
 Love, Paul  
 McDonald, H. P. \*\*  
 Newton, John H.  
 Odor, Hubert B.  
 Preston, Darwin G.  
 Richardson, Alfred J.  
 Sims, John D.  
 Sims, Raymond P.  
 Sparks, Thomas G.  
 Stapp, Junius G.  
 Taylor, John L.  
 Vaught, Victor  
 Weisenberger, Billy C.  
 Whitaker, Orville  
 Wilson, Byron L.  
 Winsor, Joseph H. \*\*  
 Zimmerman, Wm. H. \*\*

Murray  
 Bardstown  
 Edmonton  
 Lexington  
 Lebanon  
 Hartford  
 Owensboro  
 Alexandria  
 Bowling Green  
 Shelbyville  
 Hopkinsville  
 Bowling Green  
 Ashland  
 Eddyville  
 Russellville  
 Lexington  
 Murray  
 Madisonville  
 Somerset  
 Glasgow  
 Elkton  
 Morehead  
 Lexington  
 Richmond  
 Cynthiana  
 Lexington  
 Carrollton  
 Murray  
 Lexington  
 London  
 Jamestown  
 Paris  
 Hazard  
 Williamstown  
 Leitchfield  
 Elizabethtown  
 Lexington  
 Fern Creek

Cooperating Agencies:

Kentucky Experiment Station  
 Bailey, H. H. Lexington  
 Blevins, R. L. Lexington  
 Hutcheson, T. B. Lexington

Forest Service  
 Avers, P. E.  
 Bottrell, G. D.  
 Byrne, J. G.  
 Gass, C. P.  
 Losche, C. L.

Louisiana

Berry, Buford G. Alexandria  
 Chaffin, Bruce F. Shreveport  
 Clark, Henry L. Crowley  
 Cockerham, Warren L. Denham Springs  
 Colvin, Garland P. St. Joseph  
 Dance, R. E. Donaldsonville  
 Edwards, Jimmy P. Alexandria  
 Griffis, Billy J. Baton Rouge  
 Hollier, R. M. Opelousas  
 Kerr, Alexander Jr., Jr. Alexandria  
 Loftin, L. L. \*\* Alexandria  
 Martin, Charles St. Joseph  
 Matthews, Stanley West Monroe  
 Nutt, Billy B. St. Joseph  
 Roy, A. J. Jennings  
 Scalf, J. R. Shreveport  
 Slusher, David F. \* Alexandria  
 Smith, Jackie L. Alexandria  
 Stark, Robert Dale Alexandria  
 Touchet, Arville New Roads  
 Weems, T. A. Tallulah  
 White, Almond G. Denham Springs

Cooperating Agency:

Louisiana Experiment Station

Caldwell, George Baton Rouge  
 Lytle, S. A. Baton Rouge  
 Seaholm, James Baton Rouge

Maine

Arno, John R. \*\* Dover-Foxcroft  
 Bither, Roy A. Machias  
 Faust, Albert P. Augusta  
 Hardesty, J. S. \*\* Orono  
 LaFlamme, Kenneth J. Portland  
 Lewis, David Portland  
 Michaels, Sheldon Springvale  
 McEwen, Bryce Auburn  
 Riley, Richard M. Rockland  
 Steputis, Walter J. \* Orono  
 Willey, Roslyn B. Skowhegan

Cooperating Agencies:

Maine Experiment Station  
 Struchtemeyer, R. A.  
 Agricultural Research Service  
 Epstein, Eliot  
 Grant, Walter

Maryland

Michigan Soil Scientists (continued)

Anderson, Richard H.	Elkton	Hosner, Albert W.	Kalamazoo
Bailey, M. A.	Upper Marlboro	Irvine, Alan W.	Jackson
Hall, Richard L.	Snow Hill	Johnson, Robert	Marquette
Hershberger, M. F. *	College Park	Larson, Jerry D.	Grand Rapids
Ireland, William	Dover, Del.	Larson, Richard L.	Escanaba
Kirby, Robert M.	Annapolis	Lietzke, David A.	Gladwin
Lavoie, Oscar	Newark, Del.	Mettert, Wesley K.	Gladwin
Matthews, E. D. **	College Park	Pasco, Dale E.	Saginaw
Neal, Charles R.	Prince Frederick	Pregitzer, K. E.	Grand Rapids
Reybold, W. U., III	Easton	Rogers, O. C. **	East Lansing
Stone, Kenneth M.	Cumberland	Shetron, Stephen G.	Howell
Walter, Phillip J.	Bel Air	Stroesenreuther, Neil	Cheboygan
		Studley, Warren	Flint
		Threlkeld, George	Corunna
		Watson, Bruce G. **	East Lansing
		Weber, Hermann L.	Traverse City

Cooperating Agency:  
Maryland Experiment Station  
Pomerening, J. A. College Park

Massachusetts

Cooperating Agencies:

Michigan State University  
Schneider, I. F. East Lansing  
Whiteside, E. P. East Lansing  
Forest Service  
Moriarity, Wm.  
Neumann, Edwin

Francis, Everette L.	Concord
Fuller, Donald C.	Pittsfield
Hotz, Charles F.	Rochdale
Mott, John R.	Northampton
Newsome, Carl B.	Brockton
Roffinoli, Rino J.	Brockton
Upham, Charles W.	Brockton
Work, Ralph	Concord
Zayach, Stephen J. *	Amherst

Cooperating Agency:  
University of Massachusetts  
Weeks, Martin E. Amherst

Michigan

Minnesota

Alfred, Stanley D.	Cheboygan
Austin, Franklin	Kalamazoo
Bedell, Glenn D.	Jackson
Berndt, Loren W.	Marquette
Brock, Willie Z.	Saginaw
Earle, G. H., Jr.	Jackson
Engberg, C. A. *	East Lansing
Feenstra, James E.	Flint
Holcomb, Sheldon G.	Flint

Aas, Ward J.	Thief River Falls
Anderson, W. W. **	St. Paul
Barron, D. D.	Thief River Falls
Calkins, Donald W.	Worthington
Carlson, Carroll R.	Owatonna
Chamberlain, L. M.	North Branch
Cummins, J. F. **	Owatonna
DeMartelaere, D. E.	Morris
Diedrick, R. T.	Benson
Edwards, Russell J.	St. Peter
Erickson, Roy A.	Fergus Falls
Friedrich, O. D.	Fergus Falls
Grimes, Myron F.	St. Cloud
Harms, Grenfall F.	Zumbrota
Harries, John C.	Benson
Hokanson, Hilding L.	Marshall
Jacobson, M. N.	Thief River Falls
Larson, Paul L.	Benson

Minnesota Soil Scientists (continued)

Larter, Roland R.	St. Cloud
Lewis, Royce R.	Morris
Lorenzen, Francis D.	Worthington
Lueth, Robert L.	St. Peter
Miller, Ernest L.	Morris
Munter, Robert C.	St. Peter
Murray, James J.	Marshall
Nyberg, Paul R. C.	Detroit Lakes
Paulson, R. O.	Marshall
Poch, George A.	Rochester
Ravenholt, Halvor B.	Bemidji
Rhyner, Aldean G.	Thief River Falls
Robertson, Alex S. *	St. Paul
Scilley, F. M. **	Thief River Falls
Sutton, Charles K.	St. Cloud
Tordsen, John F.	Fergus Falls
Woodworth, David K.	Owatonna
Ziebell, Martin	St. Cloud

Mississippi Soil Scientists (continued)

Moss, Billy G.	Meridian
Murphree, L. G.	Okolona
Nail, Earl E.	Brandon
Neal, Huel L.	Bay Springs
<b>Perry, Ernest A. **</b>	Jackson
Scott, Frank T.	Charleston
Shaffer, Morris E.	Hattiesburg
Smith, Wm. I.	Ripley
Thomas, Abraham E.	Grenada
Tyer, Malcolm C.	University
Walton, Lloyd B.	Yazoo City
Wynn, A. H., Jr.	Columbus

Cooperating Agency:

Mississippi Experiment Station	
Fulgham, R. E.	West Point
Keenan, W. E.	Collins
Vanderford, H. B.	State College

Missouri

Mississippi

Allgood, Velton C.	Lucedale
Bowen, Charles D.	Grenada
Brent, Floyd V.	State College
Bright, Wm. E.	New Albany
Byers, Kenneth H.	Laurel
Carter, Richard C. **	Jackson
Cole, Wm. A.	Jackson
Covell, Richard R. *	Jackson
Davis, Rex E.	Canton
Dent, J. H., Jr.	Gulfport
Galberry, H. S.	Philadelphia
Garber, Miles C.	Tupelo
Hale, Lloyd B.	Brookhaven
Huddleston, Jerry S.	Senatobia
Lane, Henry C.	Purvis
Leggett, Albert R.	Columbia
McGehee, Vernon H.	Jackson
McMullen, James W.	Eupora
Milbrandt, Allen C.	Brookhaven
Miller, Karl H.	Corinth
Morris, Wm. M., Jr.	Natchez

Brown, Burton L.	Grant City
Dimmitt, Melvin E.	Hannibal
Fenwick, R. W.	Fulton
Francka, John P.	Salem
Fugate, Maurice L.	Bloomfield
Fulton, James B.	Higginsville
Gilbert, F. L.	Salem
Graves, L. H., Jr.	Warrensburg
Grogger, Harold E. *	Columbia
Hamby, Robert M.	Fulton
Harryman, Robert L.	Lamar
Held, John R.	Fulton
Hughes, Harold E.	Lamar
Jeffrey, Allan H.	Salem
Kintner, Galen E.	Bethany
Lee, James H.	Columbia
Robertson, George D.	Macon
Simmons, George T.	Cameron
Van Dine, John W.	Houston
Watson, F. Conrad	Hannibal
Wilbur, Merriett G.	Cape Girardeau



Missouri (continued)

Cooperating Agencies:

Missouri Experiment Station  
Baker, James C. Columbia  
Miller, B. J. Columbia  
Scrivner, C. L. Columbia  
Vogt, K. D. Columbia  
Forest Service  
Collins, Tom  
Moriarity, William  
Newman, E. W.  
Wertz, Wm. A.

Montana

Anderson, Arial	Chinook
Bajeman, Kenneth W.	Broadus
Bingham, LaMonte	Chinook
Boettcher, Fred A.	Bozeman
Brockmann, Lester C.	Sidney
Cawlfieid, Dave R. *	Bozeman
Clark, Clair O.	Miles City
Cloninger, John R.	Polson
Dunmire, Ralph G.	Missoula
Farnsworth, Dean H.	Beaverhead
Fiechtl, Thomas W.	Chinook
Gray, Laverne	Forsyth
Haigh, June G.	Cut Bank
Harchenko, J. A.	Deer Lodge
Haub, Mervyn H.	Helena
Hilts, George B.	Harlowton
Hogan, Ernest K.	Lewistown
Kirkaldie, Louis	Roundup
McCaslin, Neil E.	Big Timber
Meshnick, James C.	Hardin
Miller, Franklin T.	Great Falls
Mogen, C. A. **	Bozeman
Moshier, Ronald L. **	Bozeman
Nielson, Evan C. **	Butte
Olsen, James A.	Helena
Parcell, John T.	Shelby
Parker, John L.	Broadus
Peterson, Stanley F.	Glendive
Richardson, Glenn	Great Falls
Richardson, Robert E.	Plentywood
Smith, James E.	Hardin
Taylor, Don R.	Philipsburg

Montana Soil Scientists (continued)

Thiele, James E.	Deer Lodge
Warren, Weston M.	Havre
Weight, Brent M.	Choteau

Cooperating Agencies:

Forest Service  
Berg, Wm. A.  
Logan, Leon  
McConnell, R. C.  
Mueller, Oscar  
Thomas, B. R.  
Bureau of Indian Affairs  
Cline, Stanley  
Geib, Elmo  
McClure, Donald  
Quillen, Tom  
Snyder, Gene  
Wilson, Joe  
Bureau of Land Management  
Adams, Robert

Nebraska

Bartlett, Paul	Fremont
Beesley, Thomas	North Platte
Bowman, Gilbert	Holdrege
Brown, Dennis	Scottsbluff
Brown, Larry	Albion
Buller, Louis	Kearney
Cotter, Charles	Broken Bow
DaMoude, Dean	West Point
Davis, Lyle	Hebron
Good, Kenneth	Lincoln
Greenawalt, R. A. **	Lincoln
Hammond, Charles	Albion
Hoppes, Ronald	Trenton
Huber, Norman	McCook
Indra, Orville	O'Neill
James, Mel	North Platte
Kepler, Clifford	North Platte
Kerl, Donald E.	Wayne
Kollmorgen, H. L. **	Lincoln
Kuhl, Arthur	Falls City
Mahnke, Charles	St. Paul
Mitchell, Lloyd E. *	Lincoln
Paden, Harry	Red Cloud

Nebraska Soil Scientists (continued)

Plants, Merritt	Broken Bow
Pollock, Robert	Hebron
Quandt, Loyal	Seward
Ragon, Larry	Holdrege
Russell, Walter	Wayne
Sautter, Ed	Scottsbluff
Sautter, Kenneth	Pawnee City
Schulte, Ronald	Pierce
Seevers, Vernon	York
Sherfey, Lester	Mullen
Slama, Norman	Wakefield
Worth, Larry	Chadron
Yost, Don	Scottsbluff

Cooperating Agency:

Bureau of Indian Affairs  
Foreman, John      Wakefield

Nevada

Archer, William	Elko
Bagley, D. G. **	Reno
Borup, Harry	Pioche
Candland, David M.	Elko
Garlick, Glen W.	Fallon
Langan, L. N. **	Reno
Larsen, L. I.	Winnemucca
Leavitt, Verr D.	Las Vegas
Malchow, Richard L.	Reno
Naphan, E. A. *	Reno
Nishii, Toyo	Fallon
Rooke, Lloyd	Caliente
Spencer, Eddie	Elko
Summerfield, H. B.	Reno
Townsend, Martin A.	Fallon

Cooperating Agencies:

University of Nevada  
Dunn, L. E.      Reno  
Bureau of Indian Affairs  
Randall, Everett      Stewart

New Hampshire

Bond, Richard W.	Milford
Dellinger, Carl E.	Woodsville
Kelsey, Theodore J.	Rochester
van der Voet, Dirk *	Durham
Vieira, Frank J. **	Exeter
Winkley, Harvel E.	Laconia

Cooperating Agency:  
New Hampshire Experiment Station  
Peterson, Nobel      Durham

New Jersey

Berdanier, Reese	Flemington
Eby, Carl	Somerville
Fletcher, Sylvester	Newton
Hawkins, M. A.	Somerville
Jablonski, C. F.	Trenton
Markley, Marco L.	Mount Holly
Powley, Van R.	Woodstown
Quackenbush, G. A. **	New Brunswick
Wilson, K. P. *	New Brunswick

New Mexico

Anderson, George	Carlsbad
Bailey, Oran F. **	University Park
Bourlier, Bobby C.	Aztec
Buchanan, Wm. A.	Deming
Bulloch, H. E., Jr.	Deming
Carmichael, C. J.	Albuquerque
Carter, David L.	Springer
Chastain, Clement L.	Roswell
Chugg, Jack C.	Roswell
Cox, Dellon	Albuquerque
Derr, Phillip S.	Clayton
Diebold, Charles H.	Albuquerque
Downs, Joseph H.	Tucumcari
Epple, Jess C.	Lordsburg
Folks, James J.	Santa Fe
Glover, Charles R.	Tucumcari
Gomez, Robert S.	Springer
Hilley, Terry E.	Lordsburg
Hodson, Max V.	Springer
Hughes, John A.	Santa Fe

New Mexico Soil Scientists (continued)      New York

Jones, LaVaughn H.      Artesia  
King, Donald L.      Artesia  
Link, Victor G. \*\*      Albuquerque  
Lowry, Frank E.      Santa Fe  
Maker, Harrison J. \*      Albuquerque  
Mickelsen, Brice C.      Lovington  
Miller, Paul N.      Clayton  
Neher, Raymond E.      Lordsburg  
Pease, Douglas      Tucumcari  
Roath, Archie J.      Lovington  
Ross, W. James      Tucumcari  
Taylor, Raymond D.      Las Cruces  
Totah, David      Clayton  
Turner, Millard T.      Lovington  
Vincent, Arlyn A.      Albuquerque

Cooperating Agencies:

Bureau of Indian Affairs

Bronauch, L. A.      Gallup  
Karns, Ted      Gallup  
Kinsolver, E. J.      Santa Fe  
Klopsteck, Bill      Gallup  
Lofties, J. A.      Albuquerque  
Moon, Don      Mescalero  
Oglesby, J. M.      Albuquerque  
Sampson, Harris      Albuquerque  
Smith, Ralph      Gallup  
Waugh, Henry      Gallup

Forest Service

Bowman, K. J.      Albuquerque  
Crezee, D. B.      Albuquerque  
Meister, D. W.      Albuquerque  
Williams, J. A.      Albuquerque

New Mexico State University

Anderson, J. U.      University Park  
Chang, C. W.      University Park  
Clark, R. E.      Artesia  
Dregne, H. E.      University Park  
Gledhill, V. H.      University Park  
Williams, B. C.      University Park

Bureau of Land Management

Stone, Walter      Santa Fe

Bartlett, John B.  
Benton, Allen W.  
Ferwerda, John A.  
Finley, Robert R.  
Flora, D. F. \*\*  
French, Lewis M.  
Giddings, Edward B.  
Heffner, Robert L.  
Higgins, Bradford A.  
Hulbert, Norman B.  
Hutton, Frank Z.  
Kick, Leslie W.  
Landry, Robert J.  
Laux, Burton R.  
Leonard, Richard P.  
Maine, Charles H.  
Marshall, R. L. \*  
McDowell, Letember  
Neeley, John A.  
Parsons, Russell A.  
Pearson, Carl  
Phillips, John A.  
Rice, C. Erwin  
Scanu, Richard J.  
Shelton, Wm. L.  
Tallarico, A. B.  
Wulforst, John P.  
Yoakum, Troy D.

Oneonta  
Ithaca  
Albany  
Jamestown  
Syracuse  
Bath  
Binghamton  
Rochester  
Rochester  
Elmira  
Auburn  
Utica  
Hudson  
Fort Edward  
East Aurora  
New Hartford  
Syracuse  
Watertown  
Sodus  
Bath  
Ithaca  
East Aurora  
Syracuse  
Rochester  
Plattsburg  
Herkimer  
Batavia  
Albion

Cooperating Agency:

Cornell University

Brady, N. C.      Ithaca  
Cline, M. G.      Ithaca  
Dijkerman, J. C.      Ithaca  
Olson, Gerald      Ithaca  
Southard, A. R.      Ithaca  
Troeh, Fred      Ithaca

North Carolina

Aull, Louis E. **	Raleigh
Barnhill, W. L.	Goldsboro
Brewer, E. O.	N. Wilkesboro
Brown, Robert M.	N. Wilkesboro
Cawthorn, J. W.	Raleigh
Covington, J. P.	Edenton
Hearn, Sam H.	Greensboro
Horton, R. E.	Lumberton
Hunt, C. L. **	Raleigh
Jenkins, Van S.	Raleigh
Karnowski, E. H.	Washington
King, J. M., Jr.	Waynesville
McCachren, C. M.	Salisbury
McIntyre, J. H.	Laurinburg
Meadows, J. A.	New Bern
Newman, J. B.	Tarboro
Pheasants, R. C.	Raleigh
Rees, James	Greensboro
Shope, W. I.	Sanford
Steele, Forrest *	Raleigh
Stephens, R. B.	Raleigh
Turpin, J. W.	Laurinburg
Warrick, E. S.	Shelby
Watts, J. B. **	Goldsboro
Weaver, Arlin	Whiteville
Wilson, C. S.	Newton
Zimmerman, J. L.	Salisbury

Cooperating Agency:

North Carolina Experiment Station	
Bryant, John	Raleigh
Craig, Robert	Raleigh
Goldston, E. F.	Raleigh
McCracken, R. J.	Raleigh

North Dakota Soil Scientists (continued)

Gleason, M. R.	Linton
Hauff, Floyd D.	Hillsboro
Haugen, Lawrence P.	Bowman
Hetzler, Robert L.	Grafton
Howey, Robert L.	Minot
Joos, Lloyd L.	Wahpeton
Kukowski, Richard J.	Beach
Larsen, Wesley M.	Lisbon
Larson, Kermit E.	Grand Forks
Larson, Stuart J.	Rugby
McVay, Monte C.	Bismarck
Neubauer, Leonard A.	Bottineau
Opdahl, Donald D.	Bowman
Prochnow, Norman D.	Fargo
Seago, John B.	Fessenden
Shoesmith, Lloyd *	Bismarck
Stout, Howard R.	Bismarck
Strum, James F.	Mayville
Thompson, Donald G.	Fargo
Thompson, Kenneth W.	Langdon
Weiser, Paul K.	Hazen
Wright, M. Robert	New Rockford

Cooperating Agencies:

North Dakota Experiment Station	
Brantner, L. D.	Fargo
Omodt, H. W.	Fargo
Patterson, D. D.	Fargo
Schroer, F. W.	Fargo
Sweeney, M. D.	Fargo
Bureau of Reclamation	
Voder, Robert	Bismarck

Ohio

North Dakota

Bahr, A. Francis **	Bismarck
Baker, Bertram C.	Dickinson
Campbell, P. T.	Fargo
Dahl, Robert H.	Grafton
Evenson, Eldon H.	Jamestown
Farris, Cornelius G.	Williston
Freymliller, Wm. F.	Linton
Glatt, Francis J.	Garrison

Andrus, Howard	Troy
Beining, Paul	Woodsfield
Black, Harold	Coshocton
Brug, William	London
Bureau, Marvin	Wooster
Davis, Paul	Eaton
Dunlavy, John	Cambridge
Flesher, Cecil	Napoleon
Hale, William	Lisbon
Hayhurst, Ernest	Woodsfield

Ohio Soil Scientists (continued)

Hole, Thornton	Tiffin
Innis, Charles	Tiffin
Kelley, Glenn	Woodsfield
Lerch, Norbert	Hamilton
Lessig, Heber	Lisbon
Matanzo, Frank	Delaware
McCormack, Donald *	Columbus
McLoda, Niles	Coshocton
Meeker, Ralph **	Columbus
Post, Jerry	Liston
Redmond, Charles	Sandusky
Reese, Paul	Warren
Rubel, Thomas	Woodsfield
Schafer, George **	Columbus
Shumate, William	Athens
Siegenthaler, Vaughn	Bellefontaine
Steiger, Joseph	Eaton
Stone, Kenneth	Napoleon
Tabb, Marion	Hillsboro
Thompson, Robert	Columbus
Tornes, Lawrence	Wapakoneta
Urban, Donald	Defiance
Young, Lloyd	Napoleon

Cooperating Agencies:

Ohio Experiment Station	
Holowaychuk, N.	Columbus
Rutledge, Moye	Columbus
Wilding, Larry	Columbus
Ohio Agri. Extension Service	
Bone, Samuel	Columbus
Dept. of Natural Resources	
Baker, Francis	Columbus
Bauder, James	Canton
Brock, Alec	Van Wert
Calhoun, Frank	Columbus
Christman, R.	Canton
Cunningham, F.	Van Wert
Donaldson, K.	Columbus
Dotson, Kenneth	Columbus
Ernst, James	Lebanon
Escobio, Luis	Columbus
Evans, James	Columbus
Garner, Dale	Lebanon
Harris, George	Columbus

Ohio (continued)

Jones, Richard	Columbus
Musgrave, Donald	Findlay
Petro, James	Chillicothe
Powell, Kenneth	Urbana
Rapparlie, D.	Findlay
Reeder, Neil	Jefferson
Ritchie, A.	Urbana
Roseler, Robert	Elyria
Shuff, Robert	Columbus
Smith, Thomas	Columbus
Touvell, Dalton	Jefferson
Waters, Dwain	Canton
Williams, Norris	Elyria

Oklahoma

Abernathy, Edward	Sallisaw
Allgood, Ferris	Woodward
Bain, Ruel	Antlers
Bartolina, D. G.	Chandler
Bogard, Vinson	Ada
Brinlee, R. C.	Fairview
Burgess, Dent	Tishomingo
Chelf, John	Oklahoma City
Cole, Everett	Jay
Conradi, Arlin	Cordell
Culver, James	Blackwell
Derr, Louis E. *	Stillwater
Dries, Fred J. **	Stillwater
Fielder, A. G.	Chickasha
Fisher, Carl	Watonga
Frie, Jimmy W.	Mangum
Grover, E. S.	Cherokee
Henson, Odos G.	Clinton
LaMar, Otho W.	Hobart
Long, Roscoe	Holdenville
Maxwell, A. J.	Ardmore
Mobley, Hubert	Lawton
Moebius, Gordon	Holdenville
Moffatt, Hamilton	Anadarko
Nance, Earl **	McAlester
Newland, Claude	Vinita

Oklahoma Soil Scientists (continued)

Nichols, Joe	Pawhuska
Otsuki, Henry **	Stillwater
Polone, D. J.	Claremore
Reasoner, Robert	Idabel
Rhoads, Clifford	Frederick
Rieke, Duane L.	Shawnee
Ringwald, W. J.	Waurika
Shingleton, Lyle	McAlester
Sparwasser, W. A.	Okmulgee
Steers, Carter	Durant
Swafford, Bill	Enid
Warth, Peter	Tahlequah
Williams, Glen	Chandler

Cooperating Agencies:

Oklahoma State University	
Cunningham, Benny	Stillwater
Gray, Fenton	Stillwater
Smith, Roy	Stillwater
Bureau of Indian Affairs	
Clemmons, S. D.	Pawhuska

Oregon

Anderson, Walter A.	Hillsboro
Bowlsby, Clyde C.	Albany
Buzzard, Charles R.	Grants Pass
Cahoon, Joe S.	Lakeview
Collier, John T.	Medford
deMoulin, LeRoy A.	Salem
Dyksterhuis, E. L.	Canyon City
Green, George L.	The Dalles
Herriman, Richard C.	Enterprise
Hill, Wm. W. *	Portland
Hosler, Richard E.	Grants Pass
Knezevich, C. A.	Corvallis
Lindsay, M. Grant	Baker
Lovell, Burrell B.	Vale
Manley, Harold R.	Salem
Mayko, R. W. **	Portland
Ness, Arnold O. **	Portland
Olds, Clarence R.	Harrisburg
Otte, George E.	McMinnville
Paeth, Robert C.	Medford
Parsons, Roger B.	Corvallis

Oregon Soil Scientists (continued)

Patching, W. R.	Pendleton
Power, Wm. E.	Madras
Setness, Duane K.	Boring
Smith, George K.	Coquille
Smith, Phillip R.	Hood River
Tribe, John P.	Klamath Falls
Vance, Howard M.	LaGrande
Williams, Lynn H.	Salem

Cooperating Agencies:

Oregon Experiment Station	
Cheney, H. B.	Corvallis
Knox, E. G.	Corvallis
Simonson, G. H.	Corvallis
Youngberg, C. T.	Corvallis
Bureau of Indian Affairs	
Chenoweth, O. V.	Portland
Park, D. M.	Warm Springs
Forest Service	
Alvis, Richard	Portland
Corliss, J. F.	Portland
Fisher, J. R.	Portland
Meyer, L. C.	Portland
Stephens, F. R.	Portland

Pennsylvania

Ackerman, F. S.	Leesport
Bell, Lynn R.	Towanda
Belz, David J.	Pottsville
Carey, John B. **	Harrisburg
Cerutti, James R.	Warren
Churchill, N. J.	McConnellsburg
Fanning, D. S.	Honesdale
Googins, Richard L.	Lebanon
Grice, Darrell G.	Mercer
Grubb, Robert G.	Mercer
Henry, Robert H.	Bellefonte
Hersh, Donald M.	Carlisle
Hixson, Herbert J.	Lebanon
Kopas, Frank A.	Uniontown
Kunkle, W. M.	Harrisburg
Leer, Donald C.	Honesdale
Long, Richard S.	Chambersburg
Loughry, Frank G. *	Harrisburg



Pennsylvania Soil Scientists (continued) South Dakota

Malmgren, Robert  
 Martin, George D.  
 Noll, John J. \*\*  
 Parrish, Paul H.  
 Rayburn, James B.  
 Rever, Earl J.  
 Smith, Robert V.  
 Speir, Reginald  
 Staley, Larry R.  
 Taylor, David C.  
 Tompkins, E. A.  
 Weaver, Jay B.  
 Yoworski, Michael  
 Zarichansky, John

Towanda  
 Somerset  
 Harrisburg  
 Williamsport  
 Wellsboro  
 Montrose  
 Norristown  
 Gettysburg  
 Chambersburg  
 Milford  
 Doylestown  
 Indiana  
 Meadville  
 Norristown

Bannister, D. L. \*\*  
 Boden, Paul M.  
 Chamberlin, Earl G.  
 Delaney, Gary J.  
 Driessen, James L.  
 Glover, Wm. R.  
 Heil, Dennis  
 Kirk, James E.  
 Kobriger, L. L.  
 Koopman, Vernon F.  
 Johnson, Paul R.  
 Johnson, Warren F.  
 Matheny, Robert W.  
 Meland, Arvid C.  
 Miller, Kenneth F.  
 Moxon, Vernon W.  
 Murphy, Grayson E.  
 Nestrud, Lorne M.  
 Ollilia, Toivo J.  
 Parmeter, Adrian A.  
 Paschke, Lyle  
 Radeke, Robert E.  
 Roningen, Stanley  
 Schultz, Loren D.  
 Smalley, Miles W.  
 Springer, Robert F.  
 Stout, Maurice, Jr. \*  
 TeKrony, Dennis  
 Zischke, Norman

Huron  
 Mobridge  
 Martin  
 Onida  
 Pierre  
 Sisseton  
 Sisseton  
 Mitchel  
 Mobridge  
 Sisseton  
 Sturgis  
 Martin  
 Madison  
 Aberdeen  
 Mitchel  
 Huron  
 Canton  
 Mobridge  
 Sturgis  
 Ipswich  
 Britton  
 Rapid City  
 Madison  
 Madison  
 Pierre  
 Winner  
 Huron  
 Sturgis  
 Sisseton

South Carolina

Allen, J. R.  
 Byrd, H. S.  
 Camp, W. J.  
 Chapman, W. C.  
 Craft, R. W.  
 Crow, E. E.  
 Ellerbe, C. M. \*  
 Fanning, J. E.  
 Fleming, W. H.  
 Gerald, T. R.  
 Green, F. L.  
 Hart, W. J.  
 Herren, E. C.  
 Jones, W. E.  
 Lawrence, C. B.  
 Lesesne, F. F. \*\*  
 Long, B. M.  
 McDonald, J. E.  
 Miller, E. N., Jr. \*\*  
 Pitts, J. J.  
 Rogers, V. A.  
 Steedly, W. M.  
 Stuck, W. M.  
 Sullivan, M. W.  
 Wakefield, J. B., Jr.  
 Ware, C. B.

Bishopville  
 Anderson  
 Conway  
 Bishopville  
 Bennettsville  
 Bamberg  
 Columbia  
 Sumter  
 Laurens  
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 Bishopville  
 Charleston  
 Spartanburg  
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 Bishopville  
 Charleston  
 Columbia  
 Florence  
 Spartanburg  
 Walterboro  
 Walterboro  
 Conway  
 Aiken  
 Hampton

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 Monnens, Earl Brookings  
 Westin, F. C. Brookings  
 White, E. M. Brookings  
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 Krueger, Richard Valentine, Nebr.  
 Peterson, Ronald Billings, Mont.  
 Safford, Jack Eagle Butte  
 Thurman, Ronald Valentine, Nebr.

Tennessee

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Breinig, Clarence B. *	Nashville
Brown, W. T.	Union City
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Clement, A. B.	Milan
Cothran, J. B.	Springfield
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Davis, E. P.	Pulaski
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Money maker, R. H.	Springfield
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Moore, R. K.	Brunswick
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Rice, Oliver	Knoxville
Sease, E. C. **	Jackson
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True, J. C.	Pulaski
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Wharton, C. F.	Centerville

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Sutton, J. P.	Knoxville

Texas

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Baker, Frank E.	Bastrop
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Blackley, Earl R.	Childress
Blankenship, D. A.	La Grange
Botts, Oral L.	Coleman
Bower, James E.	Weatherford
Brooks, Carlos E.	San Augustine
Brooks, Charles A.	Hillsboro
Bruns, Herbert E.	Hereford
Bruns, Roy H. L.	Edna
Buckley, Wilson B.	Palestine
Burton, D. Randolph	Brownwood
Bynum, Otto W.	Brady
Chance, Billy R.	Dalhart
Clutter, Joe P.	Clarksville
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Coover, J. R. *	Temple
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Daniell, R. E. **	Lubbock
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DeLeon, Ernesto L.	Stephenville
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Dittmar, Glenn W.	Fredericksburg
Dixon, Marvin L.	Vernon
Dolezel, Raymond	Carthage
Elder, W. R. **	Temple
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Franki, Guido E.	Alice
Galloway, Thomas L.	Huntsville
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Geiger, Luther C.	Amarillo
Gentz, Duane H.	Livingston
Giddens, Thomas W.	Terrell
Girdner, Charles L.	Spur
Goerdel, Auline R.	Aspermont
Gonzales, Silvestre	San Benito
Guckian, Wm. J.	Nacona
Hailey, Reland B.	Coleman
Hanson, Arthur	Denton
Harris, Edward R.	Dublin
Hausman, Larry W.	Cuero
Hay, Orville A.	Abilene

1963

Texas Soil Scientists (continued)

Texas Soil Scientists (continued)

Hensell, James L.	Fredericksburg	Tolbert, John G.	Sulphur Springs
Hill, Ralph H.	Ft. Worth	Turner, August J.	Alpine
Holder, Tommie J.	Colorado City	Wagner, Billy J.	Sweetwater
Huckabee, J. W., Jr.	Temple	Walters, Wm. M.	Gainesville
Huntsinger, J. W.	Greenville	Welker, A. J., Jr.	Canadian
Hyde, Harold W.	Snyder	Werchan, Leroy E.	Austin
Jaco, Hubert B.	El Paso	Wheeler, Frankie F.	Canadian
Jacquot, Louis L.	Amarillo	Wiedenfeld, C. C.	San Angelo
Kelley, J. David	Weatherford	Williams, DeWayne	Edinburg
Kirkpatrick, J. A.	Temple	Williams, Jack C.	Pampa
Koos, Wm. M.	Lubbock		
Lane, Gaylon L.	Gilmer	Cooperating Agencies:	
Legett, J. H., Jr.	Kenedy	Forest Service	
Lewis, E. Deward	Hubbard	Andrew, L. E.	Huntsville
Lofton, K. T.	Vernon	Texas A&M College	
Lovelace, Lyle C.	Jacksboro	Barton, Jack	
Lowther, Audrey C.	Austin	Bennett, W. F.	
Mayberry, John H.	Bonham	Bloodworth, M. E.	
McAndrew, J. D.	Robert Lee	Fisher, F. L.	
McClintock, W. R., Jr.	Huntsville	Godfrey, C. L.	
McEwen, Harry F.	Wellington	Kovar, John	
McKee, G. S. **	Temple	Kunze, G. W.	
McSpadden, J. O., Jr.	Athens	Magee, A. C.	
Meade, Wm. D.	Corsicana	Mills, J. F.	
Mitchell, Wayburn D.	Coleman	Pittard, Lynn	
Moncrief, H. A., Jr.	Bryan	Tefertiller, K. R.	
Mowery, Irvin C.	Victoria		
Murphy, Kenneth L.	Wharton		
Newman, Allen L. **	Uvalde		
Oakes, Harvey **	College Station		
Pauls, Edward W.	McKinney	<u>Utah</u>	
Peterson, Glenn A.	Kountze		
Putnam, Lee A.	Post	Barney, Marvin L.	Tremonton
Ramsey, Robert N.	Seguin	Beckstrand, DeLyle	Tremonton
Richardson, Wayne E.	Spur	Broderick, J. H.	Provo
Richmond, Davie L.	Boerne	Butler, Wayne R.	Tremonton
Rogers, Colletus A.	Corsicana	Campbell, L. B.	Logan
Sanders, Russell R.	Laredo	Carley, J. L.	Tremonton
Schwartz, Ralph L.	Abilene	Chadwick, R. S.	Tremonton
Stevens, Jack W.	Uvalde	Crandall, G. C.	Fillmore
Stoner, Herbert R.	Big Springs	Donaldson, K. M., Jr.	Lehi
Stringer, Billy R.	Jasper	Erickson, Austin J.	Logan
Taylor, Frank B.	Floresville	Erickson, Duaine T.	Manti
Templeton, Kelly M.	Fort Stockton	Hutchings, T. B. *	Salt Lake City
Thomas, Jesse R.	Stephenville	Jensen, Earl H.	Logan
Thompson, Charles M.	Harlingen	Keetch, C. Wesley	Cedar City

Utah Soil Scientists (continued)

Leishman, Garth W.	Lehi
Maxwell, Harold B.	Beaver
Mortensen, Vear L.	Logan
Nielson, Woodrow	Roosevelt
Olsen, Marvin E. **	Salt Lake City
Shiozaki, Jungi J.	Lehi
Stock, Sherman G.	Tremonton
Stokes, Howard A.	Tremonton
Stott, Laural H.	Richfield
Swenson, J. L., Jr.	Provo
Thorne, James P.	Logan
Woodward, Lowell	Provo

Cooperating Agencies:

Forest Service

Arnold, J. F.

Crockett, D. H.

Nelson, DeVon

Olson, O. C.

Bureau of Indian Affairs

James, Ellis

Utah Experiment Station

Wilson, LeMoyné

Vermont

Allen, George W.	Montpelier
Doudere, Louis J.	Bennington
Cowday, Richard F.	Newport
Griggs, John E.	Middlebury
Howard, Montague, Jr.*	Burlington
Joslin, Robert V.	Albans
Kodess, Abner H.	Woodstock
Sheehan, Wilfred J.	St. Johnsbury

Cooperating Agencies:

Vermont Experiment Station

Midgley, A. R. Burlington

Vermont Dept. Forests and Parks

Farrington, R. A. Montpelier

Virginia Soil Scientists (continued)

Burruss, T. R.	Fishersville
Carter, J. B.	Orange
Chudoba, G. J.	Prince George
Clay, J. W.	Richmond
Cullipher, L. E.	Richmond
Cummins, W. E.	Orange
Davis, L. B.	Louisa
English, R. A.	Fishersville
Fussell, K. E.	Chase City
Gettys, William	Pulaski
Hockman, J. R.	Fishersville
Isgrig, Dan	Fredericksburg
Judy, C. N.	Fincastle
Kane, J. F.	Winchester
Koch, C. J. *	Richmond
Love, T. R.	Marion
Mack, T.	Fishersville
Maupin, R. E.	Harrisonburg
McKinney, J. C.	Fishersville
Modesitt, R. E.	Fishersville
Nickell, A. K.	Farmville
Pfeiffer, N. B. **	Blacksburg
Smith, D. L.	Hillsville
Thomas, Wm. E.	Hillsville
Tuthill, B. E.	Norfolk
Williams, W. C.	Ashland
Williamson, L. E.	Stuart
Wills, J. W.	Orange
Willson, G. C. **	Richmond

Cooperating Agency:

Virginia Polytechnic Institute

Amos, Dan Chesterfield

Edmonds, W. J. Madison

Elder, John Madison

Galimore, Gerald Madison

Hodges, Robert Chesterfield

Kaster, Dwight Prince William

Mathews, Harold Chesterfield

Obenshain, S. S. Blacksburg

Porter, H. C. Blacksburg

Virginia

Brunger, E. H.  
Bullard, C. F.

Charlottesville  
Chase City

Anderson, S. M.  
Call, Willard A.

Spokane  
Kelso

Washington

Washington Soil Scientists (continued)      West Virginia Soil Scientists (continued)

Chapin, Ray W. \*  
 Donaldson, N. C.  
 Fibich, Wm. R.  
 Harrison, E. T.  
 Iverson, Ronald  
 Key, David B.  
 Latshaw, Gerald J.  
 Lenfesty, Charles  
 McColley, P. D.  
 McCreary, Fred R.  
 McGee, Dale A.  
 McMurphy, Carl J.  
 Mitchel, R. F. \*\*  
 Nelson, F. L.  
 Olson, Dale L.  
 Rasmussen, Jack J.  
 Raver, Miles W.  
 Rogers, Jack W.  
 Schlots, Fred E.  
 Snyder, Dale E.  
 Stockman, Dale  
 Wood, Jack L.  
 Zulauf, A. S.

Spokane  
 Colville  
 Davenport  
 Colfax  
 Othello  
 Okanogan  
 Republic  
 Wenatchee  
 Davenport  
 Port Townsend  
 Vancouver  
 Montesano  
 Spokane  
 Colville  
 Prosser  
 Prosser  
 Port Townsend  
 Okanogan  
 Seattle  
 Ephrata  
 Colfax  
 Pomeroy  
 Montesano

Cooperating Agencies:

Washington Experiment Station  
 Gilkeson, R. A. Pullman  
 Starr, Warren A. Pullman  
 Bureau of Indian Affairs  
 Harvey, Marlan Grand Coulee  
 Hulet, John Toppenish  
 Lofgren, E. Toppenish  
 Weyerhaeuser Timber Company  
 Gehrke, F. E. Centralia  
 Steinbrenner, E. C. Centralia  
 Forest Service  
 Cawfield, G. E. Kettle Falls  
 Iritani, Daniel Portland, Ore.

Newman, Leonard S.  
 Patton, Boyd J. \*  
 Warner, John

Lewisburg  
 Morgantown  
 Charles Town

Cooperating Agencies:

West Virginia Experiment Station  
 Perry, B. A.  
 van Eck, D. A.

Wisconsin

Bartelme, Robert  
 Butman, Burel  
 Cain, John  
 Carroll, Paul \*\*  
 Demo, Owen  
 Diers, Richard  
 Glocker, Carl  
 Haszel, Orville  
 Johnson, Norman  
 Klingelhoets, A. J. \*  
 Kurer, Donald  
 Leonard, Charles  
 Link, Ernest  
 Martinson, Albin  
 Nelson, Erling  
 Otter, Augustine  
 Parker, Dale  
 Patzer, Robert  
 Reynolds, Charles  
 Schmude, Keith  
 Shivers, Mike  
 Slota, Robert  
 Steingraeber, Joe  
 Strelow, Harvey  
 Thomas, Delbert  
 Wing, Gordon

Wausau  
 Green Bay  
 Elkhorn  
 Madison  
 Whitehall  
 Balsam Lake  
 Madison  
 Eau Claire  
 Whitehall  
 Madison  
 Port Washington  
 Green Bay  
 Fond du Lac  
 Phillips  
 Spooner  
 Balsam Lake  
 Port Washington  
 Fond du Lac  
 Rapids  
 Montello  
 Madison  
 Baraboo  
 Waukesha  
 Wausau  
 Eau Claire  
 Eau Claire

West Virginia

Beverage, W. W.  
 Curry, William  
 Ellyson, Walter  
 Espy, Lester  
 Gorman, John L. \*\*

Elkins  
 Romney  
 Parkersburg  
 Beckley  
 Morgantown

Wyoming

Bindschadler, H. \*\*  
 Bowles, J. A.  
 Casey, T. J.  
 Elwonger, W. G.  
 Fisher, S. E.

Laramie  
 Basin  
 Worland  
 Sundance  
 Buffalo

Wyoming Soil Scientists (continued)

Harvey, J. L.	Pinedale
Holdorf, H. D.	Wheatland
Iiams, J. E.	Lander
Jones, W. G.	Riverton
Kronenberger, R. C. *	Casper
Lewis, D. J.	Evanston
Lupcho, P. J.	Torrington
Neal, F. W.	Saratoga
Ravenholt, H. B.	Torrington
Richard, G. L.	Cheyenne
Snyder, S. E.	Powell
Stephens, F.	Torrington
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Stinnette, N.	Douglas
Webber, K. W.	Torrington
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Cooperating Agencies:

University of Wyoming

Hough, H. W. Laramie

Painter, L. I. Laramie

Agricultural Research Service

Rauzi, F. Laramie

Walker, D. Laramie

Bureau of Indian Affairs

Farris, N. Ft. Washakie

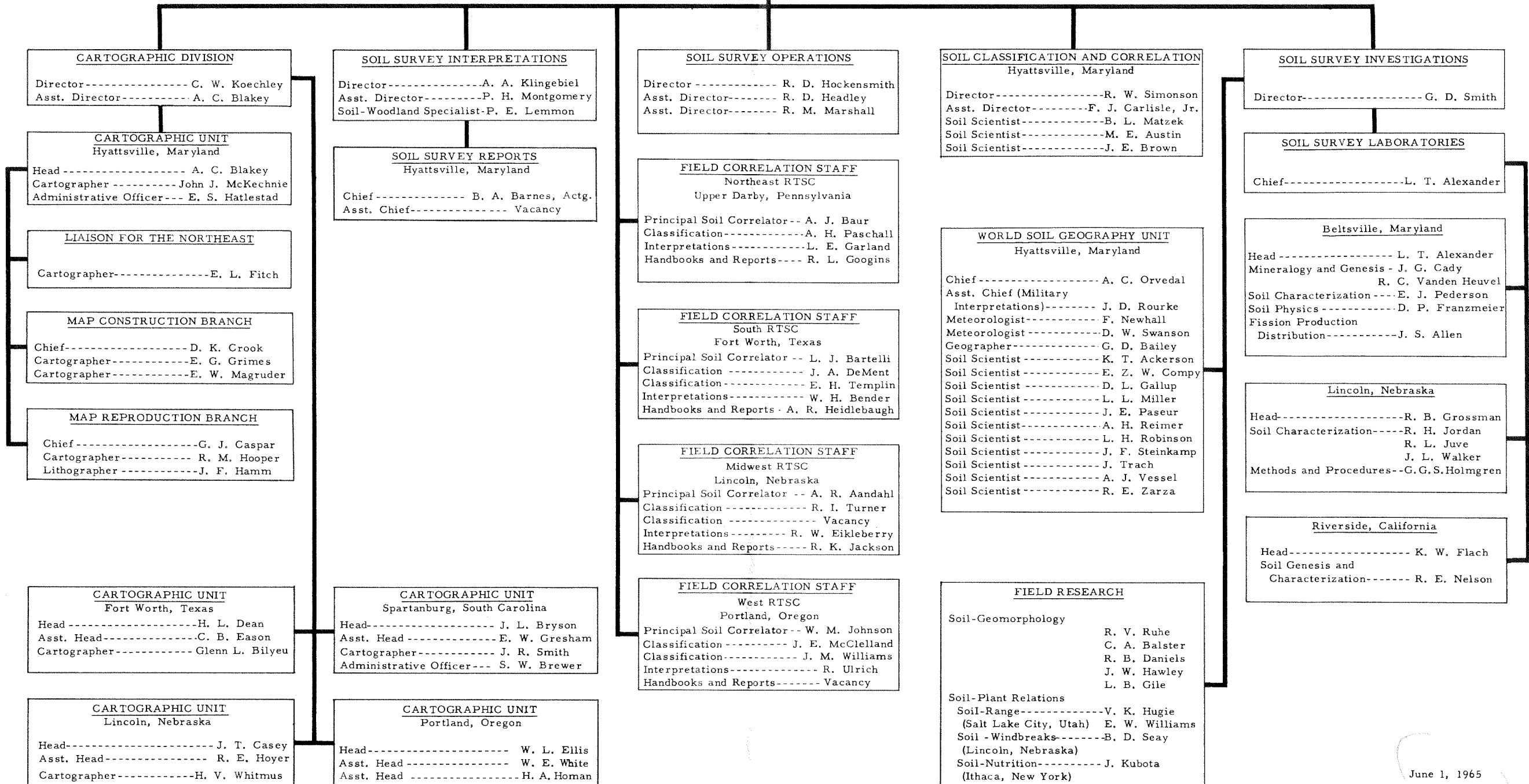
Puerto Rico

Acevedo-Ramon, Gilberto	Mayaguez
Boccheciamp, R. A.	Humacao
Brunet, Juan E.	Humacao
Francia, William	Humacao
Gierbolini, R. E.	Mayaguez
McKinzie, Wm. E. *	Santurce
Rivera, Luis H.	Mayaguez
Santiago, Rene	Humacao
Torres-Mas, Joaquin	Mayaguez
Torres, Ricci, G.	Caguas
Trigo, Julio E.	Humacao



# SOIL SURVEY WASHINGTON STAFF

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Assistant to the Deputy Administrator----- J. K. Ableiter



June 1, 1965

*Nickel*

UNITED STATES DEPARTMENT OF AGRICULTURE  
Soil Conservation Service

Soil Survey Staff

January 1, 1966

---

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Brasfield, James F.  
Bruns, Edward L.  
Compy, Elvin Z. W.  
Gallup, Darrell 1/  
Miller, L. LeForrest  
Newhall, Franklin

Reimer, Allan H.  
Rourke, John D.  
Swanson, Dwight W.  
Trach, John  
Vessel, Anton J.  
Yager, Thomas 1/  
Zarza, Ray E.

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P. O. Box 612  
Spartanburg, South Carolina 29301

Harold L. Dean  
Head, Cartographic Unit  
3600 McCart Street  
P.O. Box 11222  
Fort Worth, Texas

Joseph T. Casey  
Head, Cartographic Unit  
Room 300, Rudge & Guenzel Bldg.  
134 South 12th Street  
Lincoln, Nebraska 68508

Wesley L. Ellis  
Head, Cartographic Unit  
Ross Building  
209 S. W. 5th Avenue  
Portland, Oregon 97204

Edwin L. Fitch  
Cartographic Division, NES  
Federal Center Building  
Hyattsville, Maryland



State Soil Scientists

E. A. Perry  
Alabama Polytechnic Institute Campus  
P.O. Box 311  
Auburn, Alabama 36830

Samuel Rieger  
Severns Building  
P.O. Box F  
Palmer, Alaska 99645

Milo S. James  
230 N. 1st Avenue  
Federal Building, Room 6029  
Phoenix, Arizona 85025

Hartsell C. Dean  
Room 5401, Federal Office Building  
Little Rock, Arkansas 72201

Leonard R. Wohletz  
2nd Floor, Tioga Building  
2020 Milvia Street  
Berkeley, California 94704

E. Milton Payne  
12417 Federal Building  
Denver, Colorado 80202

Arthur E. Shearin  
Old Bookstore Building  
Route 195  
Storrs, Connecticut 06268

Delaware (See Maryland)

Olin C. Lewis  
Federal Building  
P.O. Box 1208  
Gainesville, Florida 32601

Frank T. Ritchie, Jr.  
Old Post Office Building  
P.O. Box 832  
Athens, Georgia 30601

Laurence D. Geise  
P.O. Box 1840  
Honolulu, Hawaii 96805

Joe W. Kingsbury  
5263 Emerald Street  
P.O. Box 1247  
Boise, Idaho 83701

Lloyd E. Tyler  
Nogle Building  
605 S. Neil Street  
Champaign, Illinois 61823

Turner C. Bass \*  
Room 3-419, Lilly Hall  
Purdue University  
Lafayette, Indiana 47907

Lacy I. Harmon  
Iowa Building - 4th Floor  
505 - 6th Avenue  
Des Moines, Iowa 50309

C. W. McBee  
760 South Broadway  
P.O. Box 600  
Salina, Kansas 67402

R. E. Daniell  
1409 Forbes Road  
Lexington, Kentucky 40505

David F. Slusher  
373 Government Street  
P.O. Box 1630  
Alexandria, Louisiana 71301

Walter J. Steputis  
USDA Building  
University of Maine  
Orono, Maine 04473

\*Not at State Office

Merl F. Hershberger  
228 Agriculture Building  
University of Maryland  
College Park, Maryland 20742  
(Also has Delaware)

Stephen J. Zayach  
27-29 Cottage Street  
Amherst, Massachusetts 01002

Clarence A. Engberg  
Room 101, 1405 S. Harrison Road  
East Lansing, Michigan 48823

Alex S. Robertson  
517 Federal Courts Building  
St. Paul, Minnesota 55102

Richard R. Covell  
Milner Building, Room 490  
Lamar and Pearl Streets  
P.O. Box 610  
Jackson, Mississippi 39205

Harold E. Grogger  
Highway 40 and Illinois Avenue  
P.O. Box 180  
Columbia, Missouri 65202

Dave R. Cawlfieid  
33 East Mendenhall  
P.O. Box 855  
Bozeman, Montana 59715

Lloyd E. Mitchell  
Room 604  
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Lincoln, Nebraska 68508

Edmund A. Naphan  
Room 234, U.S. Post Office Bldg.  
P.O. Box 4850  
Reno, Nevada 89505

Dirk van der Voet 1/  
Sidney Pilgrim  
Federal Building  
Durham, New Hampshire 03824

Kenneth P. Wilson  
Feher Building  
103 Bayard Street  
P.O. Box 670  
New Brunswick, New Jersey 08903

Harrison J. Maker  
517 Gold Avenue, S. W.  
P.O. Box 1348  
Albuquerque, New Mexico 87103

Raymond L. Marshall  
400 Midtown Plaza  
700 E. Water Street  
Syracuse, New York 13210

Forrest Steele  
P.O. Box 12045  
1330 St. Mary's Street  
Raleigh, North Carolina 27605

Lloyd Shoesmith  
Federal Building  
P.O. Box 1458  
Bismarck, North Dakota 58502

Donald E. McCormack  
311 Old Federal Building  
3rd and State Streets  
Columbus, Ohio 43215

H. T. Otsuki  
Agricultural Center Building  
Farm and Admiral Road  
Stillwater, Oklahoma 74074

William W. Hill  
1218 SW Washington Street  
Portland, Oregon 97205

Frank G. Loughry  
Central Industrial Building  
100 North Cameron Street  
Harrisburg, Pennsylvania 17101

1/ On foreign assignment

C. M. Ellerbe  
6th Floor, Federal Building  
901 Sumter Street  
Columbia, South Carolina 29201

Maurice Stout, Jr.  
239 Wisconsin Avenue, S. W.  
P.O. Box 1357  
Huron, South Dakota 57350

Clarence B. Breinig  
561 U. S. Court House  
Nashville, Tennessee 37203

James R. Coover  
First National Bank Building  
16-20 South Main Street  
P.O. Box 648  
Temple, Texas 76502

Theron B. Hutchings  
Federal Building  
125 South State Street  
Salt Lake City, Utah 84111

Montague Howard, Jr.  
19 Church Street  
P.O. Box 736  
Burlington, Vermont 05401

C. J. Koch  
400 N. 8th Street, Federal Bldg.  
P.O. Box 10026  
Richmond, Virginia 23240

Ray W. Chapin  
Room 840, Bon Marche Building  
Spokane, Washington 99201

Boyd J. Patton  
209 Prairie Avenue  
P.O. Box 865  
Morgantown, West Virginia 26505

Ambrose J. Klingelhoets  
4601 Hammersley Road  
P.O. Box 4248  
Madison, Wisconsin 53701

Russell C. Kronenberger  
Tip Top Building  
345 E. 2nd Street  
P.O. Box 340  
Casper, Wyoming 82602

L. H. Rivera  
1409 Ponce de Leon Avenue  
P.O. Box 9531  
Santurce, Puerto Rico 00908

Soil Scientists

Alabama

Batchelor, Billy D.	Dadeville
Bewley, John P.	Evergreen
Boman, James E.	Anniston
Britton, William M.	Oneonta
Buckelew, Hal C.	Clanton
Burgess, Leland H. **	Auburn
Cotton, James A.	Eutaw
Dungan, Lewis A.	Brewton
Guthrie, Richard L.	Eutaw
Harlin, William V.	Dadeville
Harris, Dwight M., Jr.	Prattville
Henry, Ralph E.	Ozark
Hickman, Glenn L.	Talladega
Kelley, William H.	Birmingham
Lewis, David E., Jr.	Eutaw
Mattox, Martin G.	Brewton
McBride, Eugene H.	Oneonta
McNutt, Robert B.	Clanton
Montgomery, Charles F.	Clanton
Parker, William B.	Brewton
Perry, Ernest A. *	Auburn
Reeves, Willard J.	Selma
Sherard, Hoyt	Decatur

Alaska

Hinton, Bobby B.	Palmer
Rieger, Samuel *	Palmer
Schoephorster, Dale B.	Palmer

Arizona

Adams, Elmer D.	Chandler
Davis, Norman M.	Phoenix
Gelderman, Frederick W.	Tucson
Hartman, George W.	Phoenix
Havens, Y. H. **	Tucson
James, Milo S. *	Phoenix
Jay, James E. **	Phoenix
Larson, Kermit N.	Holbrook
Miller, Mack L.	Holbrook
Mitchell, Walter R.	Flagstaff

Arizona (continued)

Powell, James M.	Phoenix
Preece, Richard K., Jr.	Willcox
Richardson, Merlyn L.	Willcox
Schurig, Rudolph G.	Casa Grande
Torrance, Stuart W.	Casa Grande
Tripp, William P.	Douglas
Wendt, George E.	Prescott
Wiesner, C. H.	Prescott
Winkelaar, Paul	Prescott

Arkansas

Bartlett, F. D.	Little Rock
Carter, Oliver R. **	Little Rock
Catlett, Vernon R.	Camden
Cook, Robert J.	Harrison
Cox, John B.	Fort Smith
Dean, Hartzell C. *	Little Rock
Ferguson, Dick V.	Marion
Finger, Charles J.	Little Rock
Garner, Billy A.	Russellville
Gill, Hiram V.	McGehee
Gore, Warren A.	Walnut Ridge
Gray, James L.	F Forrest City
Haley, George J.	Little Rock
Harper, M. D.	Fayetteville
Hoelscher, James E.	Nashville
Hogan, Jerry L.	Helena
Larance, Fred C.	Warren
Maxwell, George R.	Searcy
McCollum, Charlie N.	Ashdown
McGrew, Carl A. **	Little Rock
Millard, Thomas T.	Harrison
Phillips, William W.	Fayetteville
Robertson, Nelse W.	Paragould
Simerson, Adam H.	Little Rock
Stephens, Francis H.	Monticello
Townsend, William R.	Russellville
Vodrazka, Frank M.	Russellville
West, Donald G.	Dewitt

---

\* State Soil Scientist  
 \*\* Assistant State Soil Scientist or  
 Soil Specialist

California

Anderson, Carl H., Jr.  
 Andrews, Wells F.  
 Badura, George J.  
 Bates, Leland A.  
 Beutler, Charles S.  
 Borgen, John O.  
 Borst, George  
 Bowman, Roy H.  
 Brittan, Lynn A.  
 Chang, Kan Kim  
 Cook, Terry D.  
 Dierking, Richard A. \*\*  
 Dollarhide, William E.  
 Edwards, Ronald D.  
 Elam, Norman E.  
 Ellison, Dwight K.  
 Endo, Albert S.  
 Estrada, David C.  
 Gaston, William A.  
 Goudey, Charles B.  
 Graham, Fred U.  
 Hanes, Richard O.  
 Hill, Hal L.  
 Hilliker, Cleitus J.  
 Huff, Richard C. \*\*  
 Johnson, Kenneth E.  
 Johnson, S. B. \*\*  
 Johnson, Samuel B.  
 Jones, Griffith S.  
 Joy, Donald N.  
 Kashiwagi, James H.  
 Kennedy, Grant M. \*\*  
 Kester, Gerald  
 Klaseen, Theodore A.  
 Kliever, George F.  
 Knecht, Arnold A.  
 Kover, Richard W.  
 Lambert, Gilbert  
 Leifer, Lewis G. \*\*  
 Lindsey, Wesley C.  
 Lucas, Donald L.  
 Markewich, Donald F.  
 McCoy, William J.  
 Miller, Vernon C.

Hanford  
 Woodland  
 Alturas  
 Dixon  
 Mariposa  
 Paso Robles  
 Escondido  
 Escondido  
 Grass Valley  
 Fresno  
 Salinas  
 Fresno  
 Dixon  
 Bakersfield  
 Blythe  
 Berkeley  
 Napa  
 Escondido  
 Stockton  
 Woodland  
 Woodland  
 Tustin  
 Bakersfield  
 Santa Rosa  
 Berkeley  
 Susanville  
 Red Bluff  
 Dixon  
 Madera  
 Auburn  
 Salinas  
 Sacramento  
 Escondido  
 Redding  
 Placerville  
 Riverside  
 Moorpark  
 Napa  
 Santa Barbara  
 San Jose  
 Yreka  
 Escondido  
 Lancaster  
 Santa Rosa

California (continued)

Nazar, Paul G.  
 Nelson, Ralph E. \*\*  
 Newlun, Jesse  
 Pecarich, Frank J.  
 Piontkowski, Lawrence R.  
 Porter, M. K.  
 Rabey, Daniel F.  
 Rogers, John H.  
 Sheldon, Wayne B.  
 Shipman, Gordon E.  
 Shrader, Glenn E.  
 Simonson, Conrad R.  
 Sketchley, Harold R.  
 Staidl, George J.  
 Wachtell, John K.  
 Waggoner, Rex D.  
 Waterman, Lucius W.  
 Weisel, Charles J.  
 Welch, Lawrence E.  
 Williams, Leslie W.  
 Wohletz, Leonard R. \*  
 Woodruff, George A.  
 Zimmerman, Robert P.

Jackson  
 Berkeley  
 Yreka  
 Merced  
 Ukiah  
 Victorville  
 Camarillo  
 Placerville  
 Lancaster  
 Santa Maria  
 Santa Maria  
 Coachella  
 Auburn  
 Woodland  
 Tustin  
 King City  
 Visalia  
 King City  
 Concord  
 Salinas  
 Berkeley  
 Lancaster  
 El Centro

Colorado

Accola, Robert C. 1/  
 Amen, Alan E.  
 Baber, Thomas G.  
 Brown, Joseph B.  
 Brubacher, John I.  
 Cline, Arvard J. \*\*  
 Crabb, James A.  
 Dansdill, Robert K. \*\*  
 Fletcher, Louis A.  
 Geib, Everett E.  
 Harman, Jerry B.  
 Henderson, Richard C.  
 Hunter, William R.  
 Kleven, Evan V.  
 Larsen, Lynn S.

Denver  
 Sterling  
 Brighton  
 Ordway  
 Steamboat  
 Springs  
 Fort Collins  
 Greeley  
 Denver  
 Salida  
 Sterling  
 Colorado  
 Springs  
 Littleton  
 Montrose  
 Grand Junction  
 Colorado  
 Springs

1/ Colorado River Basin

Colorado (continued)

Larsen, Roy J.  
Martin, Donald R.  
McCoy, Dale E.  
McCullough, M. B.  
Moore, Tom R.  
Moreland, Donald C.  
Moreland, Ronald E.  
Nielsen, James L.  
Pannell, James P.  
Parsons, Orville A.  
Paxton, Fay M.  
Payne, E. M. \*  
Preator, Rodney E.  
Prentiss, Charles P.  
Sampson, John J.  
Spears, Clayton F.  
Woodyard, Stanley O.  
Yenter, James M.

Rocky Ford  
Rocky Ford  
Limon  
Rocky Ford  
Sterling  
Longmont  
Longmont  
Glenwood Springs  
Alamosa  
Fort Collins  
Durango  
Denver  
Pueblo  
Brighton  
Brighton  
Grand Junction  
Alamosa  
Alamosa

Connecticut

Campbell, Plater T.  
Daigle, Adrian P.  
Gonick, Walter N.  
Ilgen, Lewis W.  
Puchalski, Matthew A.  
Shearin, Arthur E. \*  
Stevens, Kenneth C., Jr.  
Whitney, Bruce A.  
Williams, Tom V.  
Yost, David L.

Haddam  
Greenville  
Litchfield  
Norwich  
Wakefield  
Windsor  
Wallingford  
Norwich  
Litchfield  
Brooklyn

Florida

Burch, Harold E.  
Carter, Harold  
Cruz, Orlando E.  
Dollar, Hershel D.  
Duffee, Ernest M.  
Furman, Albert L.  
Hazen, Marian W., Jr.  
Holly, Otis T.  
Huston, Theophilus B.

Sebring  
Ocala  
Lakeland  
Tavares  
Marianna  
Orlando  
Live Oak  
Okeechobee  
Lake City

Florida (continued)

Huckle, Horace F.  
Lewis, Olin C. \*  
McCollum, Samuel H.  
Moore, James R. \*\*  
Pendleton, Robert F.  
Pettry, David E.  
Powell, David P. \*\*  
Rawls, Earnest H.  
Russell, Walter E.  
Spieth, James W.  
Sullivan, Julius L.  
Thomas, Buster P.  
VanAtta, Earl S., Jr.  
Weeks, Herbert H.

Marianna  
Gainesville  
Sebring  
Ocala  
Ft. Pierce  
Largo  
Gainesville  
Brooksville  
Tavares  
Lake City  
Bonifay  
Ocala  
Sebring  
Defuniak  
Springs  
Orlando  
Lake City

White, Horace D.  
Young, Charles H.

Georgia

Akins, Richard O.  
Ammons, Harold C.  
Blevins, Marion M., Jr.  
Bramlett, Glenn L.  
Brock, George G.  
Brooks, Jule F.  
Brown, Jack R.  
Byrd, Hubert J. \*\*  
Calhoun, John W.  
Carson, Winfield S.  
Crabb, Thomas N.  
Davis, Hugh T.  
Frost, Louie W., Jr.  
Gaither, Gene A.  
Iseley, Erwin E.  
Johnson, John H.  
Jones, Sidney M.  
Jordan, Dan H.  
Kicklighter, Harold D.  
McIntyre, Carlos L.  
Middleton, Royce G.  
Monts, Daniel D.  
Murphy, James O.  
Nicholson, Ernest G., Jr.

Gainesville  
Decatur  
Rome  
Rome  
Elberton  
Carrollton  
Statesboro  
Athens  
Tifton  
Thomaston  
Carrollton  
Griffin  
Thomson  
Ellijay  
Soperton  
Waycross  
Decatur  
Dalton  
Sandersville  
Gainesville  
Albany  
Statesboro  
Dublin  
Elberton

Georgia (continued)

Paulk, Herschel L.  
 Payne, Harley H.  
 Pilkinton, Jerry A.  
 Rigdon, Thomas A.  
 Ritchie, Frank T., Jr. \*  
 Robertson, Stanley M.  
 Shaffer, Morris E. \*\*  
 Smith, Ernest H.  
 Stevens, Joseph G.  
 Stoner, Howard T.  
 Stovall, William J., Jr.  
 Tate, Ray J.  
 Thomas, Grover J., Jr.  
 Wilkes, Robert L.  
 Wood, Garnet J.  
 Woods, John C.

Statesboro  
 Milledgeville  
 Albany  
 Baxley  
 Athens  
 Athens  
 Athens  
 Albany  
 Valdosta  
 Waycross  
 Danielsville  
 Lawrenceville  
 Decatur  
 Hinesville  
 Tifton  
 Perry

Hawaii

Foote, Donald E.  
 Giese, Laurence D.  
 Hill, Elmer L.  
 Nakamura, Sakuichi  
 Sato, Harry H.  
 Stephens, Floyd G.

Lihue  
 Honolulu  
 Honolulu  
 Kaunakakai  
 Hilo  
 Wailuku

Idaho

Barker, Raymond J.  
 Base, Steve R.  
 Biggerstaff, Harold W.  
 Case, Charles W.  
 Crane, William E., Jr.  
 Daniels, D. M. \*\*  
 Foster, John K.  
 Garber, Lowell W.  
 Hansen, Harold L.  
 Harwood, Jack O.  
 Jibson, Jack K.  
 Jorgensen, Wendell  
 Kingsburry, Joe W. \*  
 Leighty, Willis J. \*\*  
 Logan, Glen J.  
 McEwen, Harold R.

Moscow  
 St. Anthony  
 Coeur Dalene  
 Nampa  
 Montpelier  
 Idaho Falls  
 Rupert  
 Moscow  
 Twin Falls  
 Blackfoot  
 Bonners Ferry  
 St. Anthony  
 Boise  
 Boise  
 Burley  
 Coeur Dalene

Idaho (continued)

Monroe, Gary A.  
 Morris, Charles C.  
 Perrin, Weldon G.  
 Priest, Thomas W.  
 Purtee, David M.  
 Rasmussen, Lawrence M.  
 Salzman, Richard A.  
 Vanhouten, David G.  
 Webb, Delmar H.  
 Webb, Vernon S.

Mountain Home  
 Grangeville  
 Pocatello  
 Boise  
 Pocatello  
 Payette  
 Pocatello  
 Rupert  
 Caldwell  
 Idaho Falls

Illinois

Ashby, Albert H.  
 Awalt, Fred L.  
 Bourland, Ralph E.  
 Brink, William H.  
 Busby, Robert D.  
 Bushue, Lester J.  
 Carroll, Franklin N.  
 Christoph, Charles E.  
 Cleveland, Francis W. 1/  
 Douglas, Clyde L., Jr.  
 Downey, Charles E.  
 Grantham, Dana R.  
 Hacker, Leroy W.  
 Hallbick, Donald C.  
 Herman, Raymond J.  
 Hinkley, Kenneth C.  
 Holhubner, Elmer G.  
 Hudelson, George W.  
 Jorgensen, Ingolf H.  
 Kubalek, Emil E.  
 Mapes, Donald R.  
 Miles, Clifford C.  
 Montgomery, Robert H.  
 Parks, Walter D.  
 Paschke, John E.  
 Phillips, Donald B.  
 Readle, Elmer L.  
 Rehner, Richard  
 Reinebach, Loyal M.  
 Shields, Robert L. \*\*  
 Sinclair, H. R., Jr.  
 Smith, Horace

Sterling  
 Carmi  
 Springfield  
 Macomb  
 Macomb  
 Macomb  
 Sterling  
 Geneva  
 Champaign  
 Champaign  
 Edwardsville  
 Carrollton  
 Macomb  
 Champaign  
 Kankakee  
 Geneva  
 Effingham  
 Pekin  
 Olney  
 Lake Zurich  
 Clinton  
 Carbondale  
 Geneva  
 Carbondale  
 Kankakee  
 Vandalia  
 Danville  
 Sterling  
 Galesburg  
 Champaign  
 Kankakee  
 Champaign

1/ On foreign assignment



Illinois (continued)

Thompson, John A.  
 Tyler, Lloyd E. \*  
 Walker, George O. \*\*  
 Wallace, Donald L.  
 Weiss, Benny J.  
 Young, Lionel C.

Indiana

Bass, Turner C. \*  
 Brownfield, Shelby H.  
 Deal, Jack M.  
 Donaldson, Daniel A.  
 Farmer, Denver L.  
 Field, Robert D.  
 Gilbert, Richard H.  
 Grunewald, A. R. <sup>1/</sup>  
 Huffman, Kelso K.  
 Kelly, Leo A.  
 Kirschner, Frank R.  
 Langlois, Karl H., Jr.  
 Lehman, Samuel F.  
 McCarter, Paul, Jr.  
 Montgomery, Dallas D.  
 Nickell, Allan K.  
 Persinger, Ival D.  
 Robbins, John M., Jr.  
 Rogers, Jack W. \*\*  
 Sanders, Frank W. \*\*  
 Shively, Jerod L.  
 Sims, John D., Jr.  
 Sturm, Ralph H.  
 Voss, Earl E.  
 Weikert, G. D.  
 Williamson, Herbert F.  
 Wingard, Robert C., Jr.

Iowa

Brown, Melvin D.  
 Buckner, Russell L.  
 Carlson, Garwin T.  
 Clark, Lewis A.

Winterset  
 Charles City  
 Boone  
 Shenandoah

Iowa (continued)

Pekin  
 Champaign  
 Champaign  
 Edwardsville  
 Metropolis  
 Pekin

LaFayette  
 Shelbyville  
 Kokomo  
 Corydon  
 Rensselaer  
 Spencer  
 Brownstown  
 Indianapolis  
 Muncie  
 Vincennes  
 Kendallville  
 Greencastle  
 Goshen  
 Muncie  
 Scottsburg  
 Jeffersonville  
 Plymouth  
 Corydon  
 Indianapolis  
 Indianapolis  
 Booneville  
 Bluffton  
 LaFayette  
 Greencastle  
 New Castle  
 Bloomfield  
 Paoli

Dideriksen, Raymond I. \*\*  
 Dietz, Wayne P. \*\*  
 Fisher, Charles S. \*\*  
 Fouts, William L.  
 Frederick, Wayne D.  
 Greiner, Loren M.  
 Hanson, Laurence T.  
 Harmon, Harvey A.  
 Harmon, Lacy I. \*  
 Harvey, Elmer H.  
 Highland, John D. \*\*  
 Hoeft, Darwin D.  
 Jackson, Lyle F.  
 Jansen, Ivan J.  
 Jones, Robert G.  
 Jury, Wilbur M.  
 King, Elton L.  
 Kittleson, Kenneth K.  
 Koppen, Maynard P.  
 Koster, Jerome L.  
 Lockridge, L. D.  
 Mendenhall, Ralph L.  
 Miller, Mack R.  
 Nixon, John R.  
 Palmer, Cecil D.  
 Russell, Robert C.  
 Schermerhorn, Edward J.  
 Smith, Roy W.  
 Voy, Kermit D.  
 Warren, Robert L.  
 Worster, John R.

Ames  
 Ames  
 Ames  
 Independence  
 Iowa City  
 Emmetsburg  
 Sioux City  
 Spencer  
 Des Moines  
 Sioux City  
 Ames  
 Iowa City  
 Guthrie Center  
 Centerville  
 Emmetsburg  
 Council Bluffs  
 Winterset  
 Decorah  
 Fort Dodge  
 Guthrie Center  
 Fairfield  
 Guthrie Center  
 Fairfield  
 Shenandoah  
 Fort Dodge  
 Adel  
 Iowa City  
 Centerville  
 Desage  
 Logan  
 Sioux City

Kansas

Abmeyer, Walter  
 Allen, John M. \*\*  
 Angell, Raymond C.  
 Atkinson, C. H.  
 Barker, Wesley L.  
 Bell, Elbert L.  
 Boatright, William C.  
 Braun, Clait E.  
 Campbell, Howard V.  
 Davis, Richard D.

Topeka  
 Salina  
 Gove  
 Concordia  
 Council Grove  
 Sedan  
 Leavenworth  
 Manhattan  
 Holton  
 Lawrence

<sup>1/</sup> On foreign assignment

Kansas (continued)

Dickey, Harold P.  
Dodge, Darold A.  
Dowd, Louie W.  
Fleming, Edward L.  
Gier, Donald A.  
Glover, Robert K.  
Haberman, Roger L.  
Hamilton, Vernon L.  
Harner, Rodney F.  
Hoffman, Bruce R.  
Horsch, Marcellus L.  
Jantz, Donald R.  
Jorgensen, George W., Jr.  
McBee, C. W. \*  
Neill, James T.  
Penner, Harold L.  
Ratcliff, Ivan W., Jr.  
Roth, William E.  
Rott, Donald E.  
Rowland, Harold T.  
Saffry, Orville W.  
Sallee, Kenneth H.  
Swanson, Deane W.  
Tomasu, Bob I.  
Youberg, Charles F.  
Zavesky, Larry D.

Lawrence  
Medicine Lodge  
Newton  
Osborne  
Manhattan  
Hays  
Ness City  
Mankato  
Manhattan  
St. John  
Lyons  
Manhattan  
Girard  
Salina  
Emporia  
El Dorado  
Wellington  
Kinsley  
Girard  
Sedan  
Clay Center  
Garnett  
Yates Center  
Meade  
Goodland  
Hays

Kentucky

Anderson, Frank L.  
Arms, Fred S.  
Barton, Arlin J.  
Carroll, David T.  
Converse, Henry T., Jr.  
Cox, Frank R., Jr.  
Daniell, Robert E. \*  
Dowell, Clifford W., Jr.  
Dye, James W.  
Fehr, James P.  
Franklin, Leslie R.  
Froedge, Ronald D.  
Hail, Carl W.  
Hayes, Raymond A.  
Huffman, Edward V. \*\*

Murray  
Bardstown  
Edmonton  
Lebanon  
Hartford  
Owensboro  
Lexington  
Hazard  
Bowling Green  
Shelbyville  
Hopkinsville  
Bowling Green  
Ashland  
Eddyville  
Lexington

Kentucky (continued)

Humphrey, Maurice E.  
Jacobs, Eullas H.  
Johnson, Albert S.  
Latham, Earle E.  
Leathers, Thomas R.  
Love, Paul M.  
McDonald, Herman P.  
Morgan, Herschel D.  
Newton, John H.  
Odor, Humbert B.  
Richardson, Alfred J.  
Ross, James C.  
Sims, Raymond P.  
Stapp, Junius G.  
Taylor, John L.  
Vaught, Victor L.  
Weisenberger, Billy C.  
Whitaker, Orville J.  
Wilson, Byron L.  
Winsor, Joseph H. \*\*  
Zimmerman, William H. \*\*

Murray  
Madisonville  
Somerset  
Glasgow  
Jackson  
Morehead  
Lexington  
Russellville  
Richmond  
Cynthiana  
Carrollton  
London  
Lexington  
Jamestown  
Hardinsburg  
Irvine  
Williamstown  
Leitchfield  
Elizabethtown  
Lexington  
Lexington

Louisiana

Chaffin, Bruce F.  
Clark, Henry L.  
Cockerham, Warren L.  
Colvin, Garland P.  
Dance, Ray E.  
Edwards, Jimmy P.  
Hollier, Richard M., Jr.  
Kerr, Alexander, Jr.  
Loftin, Lester L. \*\*  
Martin, Charles E.  
Matthews, Stanley D.  
Nutt, Billie B.  
Powell, John W.  
Ray, Clay A.  
Redlich, Carl M.  
Roy, Audrey J.  
Scalf, John R.  
Slusher, David F. \*  
Spicer, Bradley E.  
Stark, Robert D.

Shreveport  
Crowley  
Denham Springs  
West Monroe  
Donaldsonville  
Alexandria  
Opelousas  
Alexandria  
Alexandria  
Coushatta  
West Monroe  
Rayville  
Alexandria  
New Iberia  
Ville Platte  
Jennings  
Oak Grove  
Alexandria  
Denham Springs  
Alexandria

Louisiana (continued)

Touchet, B. A.  
Weems, Tracey A.  
White, Almond G.  
Young, Keith K. \*\*

Alexandria  
Tallulah  
Amite  
Alexandria

Massachusetts (continued)

Roffinoli, Rino J.  
Upham, Charles W.  
Work, Ralph  
Zayach, Stephen J.\*

Segreganset  
Segreganset  
South Acton  
Amherst

Maine

Arno, John R. \*\*  
Faust, Albert P.  
Flewelling, Lawrence R.  
Hedstrom, Gary T.  
Jordan, Glendon B.  
LaFlamme, Kenneth J.  
Lewis, David T.  
McEwen, Bryce W.  
Michaels, Sheldon  
Riley, Richard M.  
Steputis, Walter J. \*  
Willey, Roslyn B.

Dover Foxcroft  
Augusta  
Ellsworth  
Portland  
Machias  
Ellsworth  
Presque Isle  
Auburn  
Springvale  
Rockland  
Orono  
Skowhegan

Michigan

Alfred, Stanley D.  
Austin, Franklin R.  
Bedell, Glenn D.  
Berndt, Loren W.  
Buchanan, Donald E.  
Earle, Guy H., Jr.  
Engberg, Clarence A. \*  
Feenstra, James E.  
Hicks, Robert N.  
Holcomb, Sheldon G.  
Hosner, Albert W.  
Hyde, Adam G.  
Irvine, Alan W.  
Johnson, Robert W. \*\*  
Landtiser, Gilbert R.  
Larson, Jerry D.  
Larson, Richard L.  
Lietzke, David A.  
Long, John C.  
Mettert, Wesley K.  
Pasco, Dale E.  
Pregitzer, Karl E.  
Rollins, Robert F.  
Sanders, Therman E.  
Stroesenreuther, Neil W.  
Threlkeld, George W.  
Watson, Bruce G.\*\*  
Weber, Hermann L.  
Wigger, Gerald J.

Cheboygan  
Kalamazoo  
East Lansing  
Escanaba  
East Lansing  
Jackson  
East Lansing  
Flint  
East Lansing  
Flint  
Kalamazoo  
Cheboygan  
East Lansing  
East Lansing  
Port Huron  
Port Huron  
Mt. Clemens  
East Lansing  
Mt. Clemens  
Port Huron  
Flint  
Grand Rapids  
Kalamazoo  
Mt. Clemens  
Mt. Clemens  
East Lansing  
East Lansing  
Traverse City  
Escanaba

Maryland

Andersen, Richard H.  
Bailey, Moulton A.  
Hall, Richard L.  
Hershberger, Merl F. \*  
Ireland, William Jr.,  
Kirby, Robert M.  
Lavoie, Oscar L.  
Matthews, Earle D. \*\*  
Reybold, William U., III  
Schmidt, Engelbert H.  
Stone, Kenneth M.  
Walter, Philip J.

Elkton  
Annapolis  
Snow Hill  
College Park  
Georgetown, Delaware  
Annapolis  
Newark, Delaware  
College Park  
Cockeysville  
Dover, Delaware  
Cumberland  
Bel Air

Massachusetts

Barnes, Norville E.  
Ferwerda, John A. \*\*  
Francis, Everette L.  
Fuller, Donald C.  
Hotz, Charles F.  
Mott, John R.  
Newsome, Carl B.

Northampton  
Amherst  
South Acton  
Pittsfield  
Oxford  
Northampton  
Segreganset

Minnesota

Aas, Ward J.  
Barron, Donald D.  
Calkins, Donald W.  
Carlson, Carroll R.

Thief River  
Falls  
Thief River  
Falls  
Worthington  
Owatonna

Minnesota (continued)

Chamberlain, Leon M.  
 Cummins, Joseph F. \*\*  
 Demartelaere, Donald E.  
 Diedrick, Raymond T.  
 Dykhuizen, Duane R.  
 Edwards, Russell J.  
 Erickson, Roy A.  
 Finney, Harland R. \*\*  
 Grimes, Myron F.  
 Harms, Grenfall F.  
 Harries, John C.  
 Hokanson, Hilding L.  
 Jacobson, Malvern N.  
 Larson, Paul L.  
 Lewis, Royce R.  
 Lorenzen, Francis D.  
 Lueth, Robert A.  
 Murray, James J.  
 Neseth, Clarion J., Jr.  
 Nyberg, Paul R.  
 Paulson, Richard O.  
 Poch, George A.  
 Preston, Darwin G.  
 Rasmussen, Paul E.  
 Rhyner, Aldean G.  
 Robertson, Alex S. \*  
 Schilley, Francis M. \*\*  
 Sharp, Jerry A.  
 Sutton, Charles K.  
 Tordsen, John F.  
 Weber, Douglas D.  
 Woodworth, David K.  
 Ziebell, Martin G.

Mississippi

Allgood, Velton C.  
 Barlow, Paul J.  
 Bowen, Charles D.  
 Brent, Floyd V., Jr.  
 Bright, William E.  
 Byers, Kenneth H.  
 Carter, Richard C. \*\*  
 Cole, William A.  
 Covell, Richard R. \*

North Branch  
 Owatonna  
 Alexandria  
 Benson  
 Alexandria  
 St. Peter  
 Fergus Falls  
 St. Paul  
 St. Cloud  
 Rochester  
 Benson  
 Marshall  
 Thief River Falls  
 Duluth  
 Barnum  
 Worthington  
 St. Peter  
 Marshall  
 Thief River Falls  
 Detroit Lakes  
 Barnum  
 Rochester  
 St. Cloud  
 St. Cloud  
 Fergus Falls  
 St. Paul  
 St. Paul  
 Barnum  
 St. Cloud  
 Fergus Falls  
 Thief River Falls  
 St. Peter  
 St. Cloud

Lucedale  
 University  
 Grenada  
 State College  
 New Albany  
 Hattiesburg  
 Jackson  
 Canton  
 Jackson

Mississippi (continued)

Davis, Rex E  
 Galberry, Henry S.  
 Garber, Miles C.  
 Hale, Lloyd B.  
 Huddleston, Jerry S.  
 Keyes, John W.  
 Koos, William M. \*\*  
 Lane, Henry C.  
 Leggett, Albert R.  
 McGehee, Vernon H.  
 McMullen, James W.  
 Milbrandt, Allen C.  
 Miller, Karl H.  
 Morris, William., Jr.  
 Moss, Billy G.  
 Murphree, Leland C.  
 Nail, Earl E.  
 Neal, Huel L.  
 Nichols, Laymon H.  
 Scott, Frank T.  
 Smith, William I.  
 Thomas, Abraham E.  
 Tyler, Malcolm C.  
 Walton, Lloyd B.  
 Wynn, Addison H., Jr.

Missouri

Aldrich, Max W.  
 Benham, Kenneth E.  
 Brown, Burton L.  
 Dimmitt, Melvin E.  
 Dodd, Jerry A.  
 Fenwick, Richard W.  
 Francka, John P.  
 Gilbert, Frederick L.  
 Graves, Lewis H., Jr.  
 Grogger, Harold E. \*  
 Hamby, Robert M.  
 Held, Robert J.  
 Huges, Harold E.  
 Immekus, Douglas R.  
 Jeffrey, Allan H.  
 Kintner, Galen E.  
 Lee, James H. \*\*

Hattiesburg  
 Philadelphia  
 Tupelo  
 Gulfport  
 Okolona  
 Philadelphia  
 Jackson  
 New Albany  
 Columbia  
 Jackson  
 Eupora  
 Brookhaven  
 Corinth  
 Natchez  
 Meridian  
 Okolona  
 Brandon  
 Bay Springs  
 Holly Springs  
 Yazoo  
 Gulfport  
 Grenada  
 University  
 Yazoo  
 Jackson

Mount Vernon  
 Lamar  
 Charleston  
 Hannibal  
 Memphis  
 Fulton  
 Springfield  
 Columbia  
 Houston  
 Columbia  
 Warrenton  
 Memphis  
 Lamar  
 Fulton  
 Kingston  
 Bethany  
 Columbia

Missouri (continued)

Minor, Paul E.  
Preston, George D.  
Robertson, George D.  
Scott, J. W.  
Simmons, George T.  
Sparkman, Billy E.  
Sturdevant, Gary W.  
Templeton, Kelly M.  
Watson, F. C.  
Wilbur, Merriett G.  
Yarbrough, James E.  
Yeck, Ronald D.

Lamar  
Higginville  
Macon  
Maysville  
Cameron  
Nevada  
Charleston  
Bloomfield  
Memphis  
Jackson  
Kingston  
Houston

Montana (continued)

Richardson, Glenn  
Richardson, Robert E.  
Seago, John B.  
Sherwood, Max A.  
Smith, James H.  
Smith, Roy M.  
Tarrell, Ronne D.  
Taylor, Don R.  
Warren, Weston M.  
Weight, Brent N.  
Great Falls  
Plentywood  
Polson  
Roundup  
Hardin  
Baker  
Cut Bank  
Chinook  
Great Falls  
Choteau

Montana

Anderson, Arial  
Bingham, Lamonte C.  
Boettcher, Fred A.  
Brockmann, Lester C.  
Cawlfeld, Dave R. \*  
Clark, Clair O.  
Cloninger, John R., Sr.  
Dunmire, Ralph G.  
Farnsworth, Dean H.  
Fiechtl, Thomas W.  
Gray, Laverne  
Haigh, June G.  
Harchenko, Joseph A.  
Haub, Mervyn H.  
Hawn, Robert W.  
Hawn, William S.  
Hilts, George B.  
Hogan, Ernest K.  
Holder, Tommie J.  
Holzhey, C. S.  
McCaslin, Neil E.  
Meshnick, James C.  
Mogen, Clinton A. \*\*  
Moshier, Ronald L. \*\*  
Nielson, Evan C. \*\*  
Olsen, James A.  
Parcell, John T.  
Parker, John L.  
Peterson, Stanley F.

Chinook  
Chinook  
Bozeman  
Sidney  
Bozeman  
Great Falls  
Polson  
Missoula  
Dillon  
Glendive  
Forsyth  
Cut Bank  
Missoula  
Helena  
Helena  
Harlowton  
Lewistown  
Glasgow  
Hardin  
Big Timber  
Hardin  
Bozeman  
Bozeman  
Butte  
Helena  
Havre  
Joliet  
Glendive

Nebraska

Bartlett, Paul A.  
Bowman, Gilbert A.  
Brown, Dennis L.  
Brown, Laurence E.  
Buller, Louie L.  
Cotter, Charles C.  
Damoude, Dean W.  
Davis, Lyle L. 1/  
Good, Kenneth J.  
Greenawalt, Ross D. \*\*  
Hammond, Charles L.  
Hoppes, Ronald R.  
Indra, Orville  
Jackson, Richard K.  
James, Melvin A.  
Jones, William J.  
Kepler, Clifford D.  
Kerl, Donald E.  
Kollmorgen, Herbert L. \*\*  
Mahnke, Charles F.  
Mitchell, Lloyd E. \*  
Paden, Harry E.  
Plantz, Merritt A.  
Pollock, Robert S.  
Quandt, Loyal A.  
Ragon, Larry G.  
Rieke, Duane L.  
Sautter, Howard E.  
Schulte, Ronald B.  
Seevers, Vernon C.  
Sherfey, Lester E.  
Fremont  
Beaver City  
Scottsbluff  
St. Paul  
Kearney  
Broken Bow  
West Point  
Hebron  
Lincoln  
Lincoln  
Albion  
McCook  
Oneill  
Lincoln  
North Platte  
North Platte  
North Platte  
Wayne  
Lincoln  
St. Paul  
Lincoln  
Red Cloud  
Ainsworth  
Hebron  
Seward  
Hastings  
Broken Bow  
Pawnee City  
Pierce  
York  
Mullen

1/ On foreign assignment

Nebraska (continued)

Slama, Norman L.  
Worth, Larry D.  
Yost, Donald A.

Wakefield  
Chadron  
Scottsbluff

Nevada

Archer, Warren M.  
Bagley, Donald G. \*\*  
Borup, Harry J.  
Candland, David M.  
Garlick, Glen W.  
Langan, Lucien N. \*\*  
Larsen, Leland I.  
Malchow, Richard L.  
Naphan, Edmund A. \*  
Rooke, Lloyd  
Spencer, Eddie L.  
Summerfield, Harry B., Jr.  
Townsend, Martin A.

Winnemucca  
Reno  
Pioche  
Tonopah  
Fallon  
Reno  
Winnemucca  
Reno  
Reno  
Las Vegas  
Elko  
Reno  
Fallon

New Hampshire

Bond, Richard W.  
Dellinger, Carl E.  
Kelsey, Theodore L.  
Pilgrim, Sidney A. \*  
van der Voet, Dirk 1/  
Vieira, Frank J. \*\*

Milford  
Woodsville  
Rochester  
Durham  
Durham  
Exeter

New Jersey

Berdanier, C. R., Jr.  
Eby, Carl F.  
Fletcher, Sylvester J.  
Hawkins, Marion A.  
Hutchins, Richard G.  
Jablonski, Clarence F.  
Kirkham, Wendell C.  
Markley, Marco L.  
Powley, Van R.  
Quackenbush, Granville A. \*\*  
Seglin, Lester L.  
Shook, Roy A., Jr.  
Wilson, Kenneth P. \*

Flemington  
Morristown  
Newton  
Somerville  
Mount Holly  
Trenton  
Flemington  
Mount Holly  
Woodstown  
New Brunswick  
Morristown  
Newton  
New Brunswick

New Mexico

Anderson, George W.  
Bailey, Oran F. \*\*  
Banning, Edward M., Jr.  
Brines, Earl L.  
Buchanan, William A.  
Bulloch, Henry E., Jr.  
Chastain, Clement L.  
Chugg, Jack C.  
Cox, Dellon N.  
Diebold, Charles H.  
Downs, Joseph M.  
Epple, Jess C., Jr.  
Folks, James J.  
Glover, Charles R.  
Hilley, Terry E.  
Hodson, Max V.  
Keetch, C. W.  
King, Donald L.  
Link, Victor G. \*\*  
Lowry, Frank E.  
Maker, Harrison J. \*  
Maxwell, Harold B.  
Miller, Paul N.  
Neal, Charles R.  
Neher, Raymond E.  
Pease, Douglas S.  
Roath, Archie J.  
Ross, W. J.  
Rounsaville, Hayden D.  
Stevenson, Abe  
Stock, Robert E.  
Taylor, Raymond D.  
Totah, David S.  
Turner, Millard T.

Springer  
University Park  
Santa Fe  
Española  
Deming  
Deming  
Roswell  
Albuquerque  
Lordsburg  
Los Lunas  
Las Vegas  
Tucumcari  
Santa Fe  
Tucumcari  
Tucumcari  
Roswell  
Aztec  
Aztec  
Albuquerque  
Santa Fe  
Albuquerque  
Taos  
Clayton  
Springer  
Taos  
Las Cruces  
Los Lunas  
Tucumcari  
Los Lunas  
Lordsburg  
Springer  
Tucumcari  
Clayton  
Lovington

New York

Bartlett, John B.  
Broad, William A.  
Finley, Robert R.  
Flora, Donald F. \*\*  
French, Lewis M.  
Furbush, Clarence E.  
Giddings, Edward B.  
Goodman, Seymour D.  
Heffner, Robert L.

Cooperstown  
Bath  
Utica  
Syracuse  
Bath  
Utica  
Morrisville  
Rochester  
Rochester

1/ On foreign assignment

New York (continued)

Higgins, Bradford A.  
 Hulbert, Norman B., Jr.  
 Hutton, Frank Z., Jr.  
 Jinks, Douglas D.  
 Kick, Leslie W.  
 Krawiecki, Val J.  
 Kuhl, Arthur D.  
 Landry, Robert J.  
 Laux, Burton R.  
 Leonard, Richard P.  
 Maine, Charles H.  
 Marshall, Raymond L. \*  
 McDowell, Letember  
 Neeley, John A.  
 Parsons, Russell A.  
 Pearson, Carl S.  
 Phillips, John A.  
 Rice, C. E.  
 Scanu, Richard J.  
 Shelton, William L. 1/  
 Tetor, David R.  
 Warner, John W., Jr.  
 Winkley, Harvel E.  
 Wulforst, John P.  
 Yoakum, Troy D.

North Carolina

Barnhill, William L.  
 Bostian, Marcus R.  
 Brewer, Edward O.  
 Brown, Robert M.  
 Cawthorn, Joel W.  
 Covington, Joe P.  
 Dunn, James  
 Goodwin, Roy A., Jr.  
 Hearn, Sam H.  
 Horton, Robert E.  
 Hunt, Charles L. \*\*  
 Huntt, Henry S. III  
 Jenkins, Van S.  
 Karnowski, Edwin H.  
 King, John M., Jr.

Lockport  
 Canton  
 Auburn  
 Gloversville  
 Utica  
 Herkimer  
 Herkimer  
 Albany  
 Schenectady  
 Lockport  
 New Hartford  
 Syracuse  
 Watertown  
 Sodus  
 Horseheads  
 Ithaca  
 Warsaw  
 Syracuse  
 Fort Edward  
 Herkimer  
 Rochester  
 Riverhead  
 Wynantskill  
 Warsaw  
 Albion

Goldsboro  
 Goldsboro  
 North Wilkesboro  
 North Wilkesboro  
 Raleigh  
 Edenton  
 Greenville  
 Goldsboro  
 Albemarle  
 Lumberton  
 Raleigh  
 Edenton  
 Durham  
 Washington  
 Waynesville

North Carolina (continued)

McCachren, Clifford M. Salisbury  
 McIntyre, Julian H. Newton  
 Meadows, John A. New Bern  
 Newman, James B. Greenville  
 Pleasants, R. C. Raleigh  
 Rees, James R. Greensboro  
 Shope, William I. Durham  
 Spangler, Daniel G. Raleigh  
 Steele, Forrest \* Raleigh  
 Stephens, Ronald B. Raleigh  
 Turpin, John W. Waynesville  
 Warrick, Earl S. Shelby  
 Watts, John B. \*\* Raleigh  
 Weaver, Arlin Whiteville  
 Zimmerman, James L. Salisbury

North Dakota

Bahr, A. Francis \*\* Bismarck  
 Baker, Bertram C. Dickinson  
 Dahl, Robert H. Devils Lake  
 Evenson, Eldon H. Jamestown  
 Farris, Cornelius G., Jr. Williston  
 Freymiller, William G. Bismarck  
 Glatt, Francis J. Washburn  
 Hart, John A., Jr. Grand Forks  
 Hauff, Floyd D. Mohall  
 Haugen, Lawrence P. Bowman  
 Hetzler, Robert L. Grafton  
 Howey, Robert L. Minot  
 Joos, Lloyd L. Wahpeton  
 Kukowski, Richard J. Beach  
 Larsen, Wesley M. Lisbon  
 Larson, Kermit E. Grand Forks  
 McVay, Monte C. Napoleon  
 Neubauer, Leonard A. Bottineau  
 Opdahl, Donald D. Bowman  
 Petersen, Terry R. Wahpeton  
 Prochnow, Norman D. Hillsboro  
 Roninggen, Morris W. Rugby  
 Rye, Kenneth C. New Rockford  
 Shoemith, Lloyd \* Bismarck  
 Stout, Howard R. Bismarck

1/ On foreign assignment

North Dakota (continued)

Strum, James F.  
Thiele, James H.  
Thompson, Donald G.  
Thompson, Kenneth W.  
Weiser, Paul K.  
Wright, M. R.

Ohio

Andrus, Howard W.  
Black, Harold W.  
Brug, William H., Jr.  
Bureau, Marvin F.  
Davis, Paul E.  
Dunlavy, John T.  
Flesher, Everett C., Jr.  
Googins, Richard \*\*  
Hale, William F.  
Hayhurst, Ernest N.  
Hole, Thornton J.  
Innis, Charles H.  
Kelly, Glenn E.  
Lerch, Norbert K.  
Lessig, Heber D.  
Matanzo, Francisco  
McCormack, Donald E. \*  
McLoda, Niles A.  
Meeker, Ralph L. \*\*  
Post, Gerald J.  
Redmond, Charles E.  
Reese, Paul W.  
Rubel, Thomas N.  
Schafer, George M. \*\*  
Shumate, William H.  
Siegenthaler, Vaughn  
Smeck, Neil E.  
Steiger, Joseph R.  
Stone, Kenneth L., Jr.  
Tabb, Marion F.  
Tornes, Lawrence A.  
Urban, Donald R.

Linton  
Crosby  
Fargo  
Langdon  
Hazen  
New Rockford

Madison  
Coshocton  
London  
Wooster  
Trotwood  
Cambridge  
Napoleon  
Columbus  
Batavia  
Woodsfield  
Sandusky  
Tiffin  
Coshocton  
Batavia  
Athens  
Marysville  
Columbus  
Hillsboro  
Columbus  
Cuyahoga Falls  
Sandusky  
Courtland  
Woodsfield  
Columbus  
Athens  
Bellefontaine  
Trotwood  
Cuyahoga Falls  
Napoleon  
Hillsboro  
Wapakoneta  
Defiance

Oklahoma

Abernathy, Edward J.  
Allgood, Ferris P.  
Bain, William R.  
Bartolina, Donald G.  
Bogard, Vinson A.  
Bourlier, Bobby G.  
Brinlee, R. C.  
Burgess, Dent L.  
Cole, Everett L.  
Conradi, Arlin J.  
Culver, James R.  
Dries, Fred J. \*\*  
Fielder, Armer G.  
Fisher, Carl F.  
Frie, Jimmie W.  
Henson, Odos G.  
LaMar, Otho W.  
Long, Roscoe M.  
Maxwell, Armine J.  
Mayhugh, Richard E.  
McMurtry, Jon R.  
Mobley, Hubert L.  
Moebius, Gordon E.  
Moffatt, Hamilton H.  
Nance, Earl C. \*\*\*  
Newland, Claude T.  
Nichols, Joe D. \*\*  
Otsuki, Henry T. \*  
Polone, Dock J.  
Reasoner, Robert C.  
Rhoads, Clifford E.  
Ringwald, William J.  
Shingleton, Lyle C.  
Sparwasser, W. A.  
Steers, Carter A.  
Swafford, Billy G.  
Warth, Peter E.  
Williams, Glen E.

Poteau  
Woodward  
Antlers  
Wewoka  
Ada  
Pawhuska  
Stigler  
Tishomingo  
Jay  
Cordell  
Stillwater  
Stillwater  
Chickasha  
El Reno  
Sayre  
Clinton  
Hobart  
Muskogee  
Ardmore  
Shawnee  
Okmulgee  
Waurika  
Coalgate  
Anadarko  
McAlester  
Vinita  
Stillwater  
Stillwater  
Claremore  
Idabel  
Frederick  
Pawhuska  
Atoka  
Purcell  
Durant  
Pryor  
Tahlequah  
Cherokee



Oregon

Bowlsby, Clyde C.  
 Buzzard, Charles R.  
 Cahoon, Joe S.  
 Collier, John T.  
 Dallin, Terry A.  
 deMoulin, LeRoy A.  
 Dyksterhuis, Eugene L.  
 Green, George L.  
 Herriman, Richard C.  
 Hill, William W. \*  
 Hosler, Richard E.  
 Knezevich, Clarence A.  
 Lindsay, M. G.  
 Lovell, Burrell B.  
 Mayko, Rudolph W. \*\*  
 Ness, Arnold O. \*\*  
 Olds, Clarence R.  
 Otte, George E.  
 Parsons, Roger B.  
 Patching, William R.  
 Power, William E.  
 Setness, Duane K.  
 Smith, George K.  
 Smith, Phillip R.  
 Smythe, Richard T.  
 Tribe, John P.  
 Vance, Howard M.  
 Wallace, Larry  
 Williams, Lynn H.

Albany  
 Grants Pass  
 Klamath Falls  
 Medford  
 The Dalles  
 Hood River  
 Canyon City  
 The Dalles  
 Eugene  
 Portland  
 Medford  
 Corvallis  
 Baker  
 Vale  
 Portland  
 Portland  
 Harrisburg  
 McMinnville  
 Corvallis  
 Pendleton  
 Madras  
 Hillsboro  
 Coquille  
 Eugene  
 Hillsboro  
 Klamath Falls  
 LaGrande  
 Coquille  
 Corvallis

Pennsylvania (continued)

Farley, William H.  
 Grice, Darrell G.  
 Grubb, Robert G.  
 Hallowich, Joseph S.  
 Henry, Robert H., Jr.  
 Hill, Loyd V.  
 Hipes, Donald P.  
 Holzer, Donald B.  
 Jaquish, Orin W.  
 Kopas, Frank A.  
 Kunkle, W. M.  
 Latshaw, Gerald J.  
 Lipscomb, Garland H.  
 Long, Richard S.  
 Loughry, Frank G. \*  
 Malmgren, Robert C. 1/  
 Martin, George D.  
 Newbury, Raymond L.  
 Noll, John J. \*\*  
 Parrish, Paul H.  
 Ralston, David S.  
 Rayburn, James B.  
 Reber, Earl J.  
 Rector, Dean D.  
 Richard, Gerald L.  
 Sautter, Edward H.  
 Smith, Robert V.  
 Speir, Reginald  
 Staley, Larry R.  
 Tompkins, Edward A.  
 Watkins, Lee E.  
 Weaver, Jay B.  
 Yaworski, Michael  
 Zarichansky, John

Lewiston  
 Mercer  
 Beaver  
 Washington  
 Bellefonte  
 Kittanning  
 Franklin  
 Towanda  
 Mercer  
 Uniontown  
 Harrisburg  
 Towanda  
 Carlisle  
 Chambersburg  
 Harrisburg  
 Towanda  
 Kittanning  
 Pittsburgh  
 Harrisburg  
 Williamsport  
 Lebanon  
 Wellsboro  
 Montrose  
 Meadville  
 Bellefonte  
 Clarks Summit  
 Butler  
 Bedford  
 Easton  
 Doylestown  
 Pittsburgh  
 Washington  
 Meadville  
 Carlisle

Pennsylvania

Belz, David J.  
 Braker, William L.  
 Browning, Samuel A.  
 Bush, R. D.  
 Bushong, Tom J.  
 Carey, John B. \*\*  
 Cerutti, James R.  
 Churchill, Norman J.  
 Craft, Thomas J.  
 Derr, Bruce D.  
 Egypt, Ivory L., Jr.  
 Ekart, Sylvester

Pottsville  
 Wellsboro  
 Clarks Summit  
 Washington  
 Easton  
 Harrisburg  
 Warren  
 Franklin  
 Huntingdon  
 Smethport  
 Butler  
 Towanda

Puerto Rico

Acevedo Ramos, Gilberto  
 Boccheciamp, Rafael A.  
 Brunet, Juan E.  
 Francia Rivera, William  
 Gierbolini, Roberto E.  
 Ortis Torres, Enrique  
 Rivera, Luis H. \*  
 Mayaguez  
 San Juan  
 San Juan  
 San Juan  
 Mayaguez  
 Mayaguez  
 San Juan

1/ On foreign assignment

Puerto Rico (continued)

Torres Mas, Joaquin  
Torres Ricci, Guillermo  
Trigo, Julio E.

South Carolina

Allen, James H.  
Byrd, Huger S.  
Camp, Wallace J.  
Craft, Richard W., Jr.  
Crow, Eron E.  
Ellerbe, Clarence M. \*  
Fleming, William H.  
Gerald, Talbert R.  
Green, Francis L.  
Herren, Edward C.  
Jones, William E.  
Lawrence, Carl B.  
Long, Bobby M.  
McDonald, James E.  
Meetze, John C.  
Miller, Eskel N., Jr. \*\*  
Pitts, James J.  
Rogers, Vergil A.  
Steadly, Wendell M.  
Stuck, Warren M.  
Sullivan, Marion W.  
Wakefield, John B., Jr.  
Ware, Charlie B., Jr.  
Wells, Robert D. \*\*

South Dakota

Bannister, Donald L. \*\*  
Boden, Paul M.  
Chamberlain, Earl G.  
Cook, Dean E.  
Delaney, Gary J.  
Driessen, James L.  
Ensz, Edgar H.  
Glover, William R.  
Heil, Kenneth J.  
Hill, Glenwood F.  
James, Harry R.

Mayaguez  
San Juan  
San Juan  
  
Florence  
Anderson  
Spartanburg  
Greenville  
Bamberg  
Columbia  
Laurens  
Manning  
Bishopville  
Florence  
Laurens  
Columbia  
Moncks Corner  
Charleston  
Sumter  
Columbia  
Florence  
Chester  
Ridgeland  
Walterboro  
Orangeburg  
Columbia  
Walterboro  
Columbia

Huron  
Mobridge  
Gettysburg  
Mobridge  
Onida  
Madison  
Britton  
Siseton  
Sturgis  
Ipswich  
Huron

South Dakota (continued)

Johnson, Paul R.  
Johnson, Warren F.  
Kalvels, John  
Kobriger, Laurence L.  
Koopman, Vernon  
McCarthy, William J.  
Meland, Arvid C.  
Melius, Dale A.  
Miller, Franklin T. \*\*  
Moxon, Vernon W.  
Nestrud, Lorne M.  
Ollila, Toivo  
Parmeter, Adrian A.  
Paschke, Lyle D.  
Radeke, Robert E.  
Schultz, Loren D.  
Smalley, Miles W.  
Springer, Robert F.  
Stout, Maurice Jr. \*

Sturgis  
Mitchell  
Mobridge  
Lake Andes  
Milbank  
Winner  
Sturgis  
Bison  
Huron  
Huron  
Mobridge  
Sturgis  
Ipswich  
Britton  
Hot Springs  
Madison  
Pierre  
Winner  
Huron

Tennessee

Birdwell, Bobby T.  
Breinig, Clarence B. \*  
Brown, William T.  
Campbell, Jessie F.  
Clement, Aaron B.  
Cothran, John B.  
Cox, Buell C., Jr.  
Davis, Eugene P.  
Elder, Joe A. \*\*  
Flatt, Lee W.  
Hall, William G.  
Hogan, Colin A.  
Jackson, Bedford W.  
Jackson, George T.  
Jackson, Wesley C.  
Keathley, Glisson L.  
Lampley, Eugene T.  
Longwell, Thomas J.  
Mangrum, Wiley C.  
Moffitt, William C.  
Moneymaker, Rector H.  
Moore, Charles L.  
Moore, Roy K.

Johnson City  
Nashville  
Union City  
Smithville  
Milan  
Clarksville  
Clinton  
Murfreesboro  
Nashville  
Columbia  
Bolivar  
Cookeville  
Pikeville  
Nashville  
Union City  
Union City  
Clarksville  
Knoxville  
Brunswick  
Smithville  
Clarksville  
Union City  
Brunswick

Tennessee (continued)

Powers, Charles H.  
Sease, Elisha C. \*\*  
Sprouse, Ollie G., Jr.  
True, J. C.  
Warren, Robert B.  
Wharton, Charles F.

Texas

Allison, John E.  
Amaya, Heriberto  
Arriaga, Daniel  
Baker, Frank E.  
Barnhill, Lloyd J.  
Batte, Charles D.  
Blackstock, Dan A.  
Blakley, Earl R.  
Blankenship, Dolman A.  
Botts, Oral L.  
Bower, James E. 1/  
Brooks, Carlos E.  
Brooks, Charles A.  
Bruns, Herbert E.  
Bruns, Roy H.  
Buckley, Wilson B.  
Butler, Clyde L.  
Bynum, Otto W.  
Chance, Billy R.  
Chervenka, Woodrow G.  
Clower, Dennis F.  
Coburn, Winfred C.  
Coffee, Daniel R.  
Coker, John L.  
Conner, Nathaniel R.  
Coover, James R. \*  
Crout, Jack D.  
Crump, Jerald D.  
Dean, Horace C. \*\*  
Deland, Kenneth R.  
DeLeon, Ernesto L.  
Deshotels, Jesse D., III  
Dittemore, William H., Jr.

Pikeville  
Jackson  
Murfreesboro  
Murfreesboro  
Cleveland  
Murfreesboro

Fredericksburg  
Liberty  
Eagle Pass  
Bastrop  
Robert Lee  
Alice  
Paris  
Lubbock  
La Grange  
Coleman  
Weatherford  
Carthage  
Hillsboro  
Hereford  
Edna  
Palestine  
Nacogdoches  
Brady  
Dalhart  
Corsicana  
Greenville  
Eastland  
Terrell  
Coleman  
Midland  
Temple  
Rosenberg  
Wheeler  
Austin  
Perryton  
Stephenville  
Corsicana  
Pecos

Texas (continued)

Dittmar, Glenn W.  
Dixon, Marvin L.  
Dolezel, Raymond  
Elder, William R. \*\*  
Flores, Plinio H.  
Ford, Alan R.  
Franki, Guiddo E.  
Fuchs, Westal W. \*\*  
Galloway, Thomas L.  
Garcia, Ramon N.  
Geiger, Luther C.  
Giddens, Thomas W.  
Girdner, Charles L., Jr.  
Goerdel, Auline R.  
Guckian, William J.  
Hailey, Reland B.  
Hajek, Johnny J.  
Hanson, Arthur  
Harris, Edward R.  
Hausmann, Larry W.  
Hay, Orville A.  
Hensell, James L.  
Hill, Ralph H.  
Huckabee, John W., Jr.  
Hyde, Harold W.  
Jackson, Jan H.  
Jaco, Hubert B.  
Jacobs, Jerry L.  
Jacquot, Louis L.  
Kelly, J. D.  
Kendrick, Billy W.  
Kovar, John A.  
Labarbera, Joseph N.  
Lane, Gaylon L.  
Lee, Jerry B.  
Legett, Jesse H., Jr.  
Lockwood, Larry M.  
Lofton, K. T.  
Lowther, Audrey C.  
McClintock, W. R., Jr.  
McEwen, Harry F.  
McKee, Gordon S. \*\*  
McSpadden, J. O., Jr.

Fredericksburg  
Snyder  
Nacogdoches  
Temple  
San Angelo  
Carthage  
Alice  
Temple  
Huntsville  
Robstown  
Amarillo  
Terrell  
Abilene  
Aspermont  
Nocona  
Coleman  
Paducah  
Denton  
Eastland  
Cuero  
Abilene  
Fredericksburg  
Fort Worth  
Temple  
Midland  
Jacksboro  
El Paso  
San Benito  
Tulia  
Brownwood  
Stephenville  
Palestine  
Mount Pleasant  
Sulphur  
Pleasanton  
Kenedy  
Fort Stockton  
Vernon  
Austin  
Huntsville  
Wharton  
Temple  
Athens

1/ On foreign assignment

Texas (continued)

Meade, William D.  
Menn, Wallace G.  
Merrick, Edward B.  
Miller, Joel E.  
Mitchell, Wayburn D.  
Moncrief, Hayward A.  
Moore, Joe D.  
Mowery, Irvin C.  
Murff, Stanley L.  
Neitsch, Conrad L.  
Newman, Allen L. \*\*  
Pauls, Edward W.  
Pavlat, Eugene G.  
Peterson, Glenn A.  
Putnam, Lee A.  
Ramsey, Robert N.  
Reed, Dickie V.  
Richardson, Wayne E.  
Richmond, Davie L.  
Robbins, Roy L.  
Rogers, Colletus A.  
Sanders, Russell R.  
Schwartz, Ralph L.  
Smith, Bill R.  
Sparkman, Bobby J.  
Startz, Andrew J.  
Stevens, Jack W.  
Stiegler, James H.  
Stoner, Herbert R.  
Stringer, Billy R.  
Taylor, Frank B.  
Thomas, Jesse R., Jr.  
Thompson, Charles M.  
Thompson, David R.  
Turner, August J.  
Wagner, Billy J.  
Walters, William M.  
Welker, Anthony J., Jr.  
Werchan, Leroy E.  
Wheeler, Frankie F.  
Wiedenfeld, Clarence C.  
Wilkerson, J. M.  
Williams, Dewayne  
Williams, Jack C.

Corsicana  
Giddings  
Dumas  
Clarksville  
Coleman  
Bryan  
Jacksboro  
Victoria  
Athens  
Aspermont  
Nacogdoches  
Denton  
Perryton  
Wharton  
Gainesville  
Seguin  
Brady  
Post  
Hondo  
Clarksville  
Anson  
Laredo  
Seguin  
Post  
Eastland  
Temple  
Uvalde  
Robstown  
Big Spring  
Stratford  
Floresville  
Mount Pleasant  
Harlingen  
Temple  
Alpine  
Stephenville  
Gainesville  
Canadian  
Austin  
Bryan  
San Angelo  
Bryan  
San Benito  
Pampa

Utah

Barney, Marvin L.  
Beckstrand, Delyle  
Campbell, Ludene  
Carley, James A.  
Chadwick, Raymond S.  
Crandall, Gordon C.  
Donaldson, Karl M., Jr.  
Erickson, Austin J.  
Erickson, Duaine T.  
Harvey, John L.  
Hutchings, Theron B. \*  
Jensen, Earl H.  
Leishman, Garth W.  
Mortensen, Vear L.  
Nielson, Woodrow  
Olsen, Marvin E. \*\*  
Shiozaki, Jungi J.  
Stock, Sherman G.  
Stokes, Howard A.  
Stott, Laural H.  
Swenson, John L., Jr.  
Woodward, Lowell  
Tremonton  
Delt  
Tremonton  
Cedar City  
Utah  
Fillmore  
Lehi  
Logan  
Manti  
Murray  
Salt Lake City  
Tremonton  
Lehi  
Logan  
Roosevelt  
Salt Lake City  
Lehi  
Tremonton  
Tremonton  
Richfield  
Manti  
Provo

Vermont

Allen, George W.  
Dondero, Louis J.  
Gowdey, Richard F.  
Griggs, John E.  
Howard, Montague, Jr.\*  
Joslin, Robert V., Jr.  
Kodess, Abner H.  
Rice, Oliver W., Jr. \*\*  
Sheehan, Wilfred J.  
Essex Junction  
Rutland  
Newport  
Essex Junction  
Burlington  
St. Albans  
Woodstock  
Burlington  
St. Johnsbury

Virginia

Brunger, Earl H.  
Bullard, Cecil, Jr.  
Burruss, Thomas R.  
Carter, John B.  
Clay, John W.  
Charlottesville  
Rustburg  
Fishersville  
Orange  
Richmond

Virginia (continued)

Cullipher, Louis E.  
 Cummins, Wallace E.  
 Davis, Leon B.  
 Fussell, Kenneth E.  
 Gettys, William  
 Hockman, John R.  
 Isgrig, Dan  
 Jones, David J.  
 Judy, Charles N.  
 Kane, John F.  
 Koch, Charles J. \*  
 Larson, Stuart J.  
 Maupin, Randolph J.  
 McDaniel, Jerry C.  
 McKinney, Joseph C.  
 Miller, Gerald A.  
 Modesitt, Robert E.  
 Pfeiffer, Norman B. \*\*  
 Sledjeski, William F., Jr.  
 Smith, David L.  
 Stobel, Adolph L., Jr.  
 Tuthill, Bartley E.  
 Vandine, John W.  
 Williams, Wilfred C.  
 Williamson, L. E.  
 Wills, James W.  
 Willson, George C., Jr. \*\*

Prince George  
 Louisa  
 Louisa  
 Chase City  
 Pulaski  
 Fishersville  
 Fredericksburg  
 Fishersville  
 Fincastle  
 Winchester  
 Richmond  
 Rustburg  
 Harrisonburg  
 Rustburg  
 Fishersville  
 Fishersville  
 Fishersville  
 Blacksburg  
 Richmond  
 Marion  
 Federicksburg  
 Chesapeake  
 Richmond  
 Lawrenceville  
 Richmond  
 Louisa  
 Richmond

Washington (continued)

McMurphy, Carl J.  
 Mitchel, Robert F. \*\*  
 Nelson, Frank L.  
 Olson, Dale L.  
 Rasmussen, Jack J.  
 Raver, Miles L.  
 Scholts, Fred E.  
 Snyder, Dale E.  
 Stockman, Dale D.  
 Zulauf, Allen S.

Montesano  
 Spokane  
 Wenatchee  
 Moses Lake  
 Toppenish  
 Pomeroy  
 Seattle  
 Renton  
 Colfax  
 Republic

West Virginia

Beverage, Woodrow W.  
 Curry, William H.  
 Ellyson, Walter J.  
 Espy, Lester E.  
 Gorman, John L. \*\*  
 Hatfield, William F.  
 McKinney, David E.  
 Newman, Leonard S.  
 Patton, Boyd J. \*

Elkins  
 Romney  
 Parkersburg  
 Beckley  
 Morgantown  
 Charles Town  
 Elkins  
 Huntington  
 Morgantown

Wisconsin

Bartelme, Robert J.  
 Butman, Burel S.  
 Carroll, Paul H. 1/  
 Demo, Owen R.  
 Diers, Richard W.  
 Fox, Robert E. \*\*  
 Glocker, Carl L.  
 Haszel, Orville L.  
 Jakel, Dale E.  
 Klingelhoets, A. J. \*  
 Kurer, Donald C.  
 Langton, John E.  
 Leonard, Charles F.  
 Link, Ernest G.  
 Martinson, Albin H.  
 Nelson, Erling F.  
 Otter, Augustine J.  
 Owens, Donald W.

Wausau  
 Green Bay  
 Madison  
 Kenosha  
 Balsam Lake  
 Madison  
 Madison  
 Phillips  
 Medford  
 Madison  
 Port Washington  
 Whitehall  
 Green Bay  
 Kenosha  
 Ladysmith  
 Spooner  
 Medford  
 Ladysmith

Washington

Anderson, Sanford M. 1/  
 Beielser, Vern E.  
 Call, Willard A.  
 Chapin, Ray W. \*  
 Debose, Alfonso  
 Donaldson, Norman C.  
 Fibich, William R.  
 Harrison, Eveard T.  
 Hidlebaugh, Allan R. \*\*  
 Larson, John R.  
 Lenfesty, Charles D.  
 Leonard, Clinton B.  
 McColley, Phillip D.  
 McCreary, Fred R.

Spokane  
 Colville  
 Kelso  
 Spokane  
 Colfax  
 Colville  
 Chehalis  
 Colfax  
 Spokane  
 Okanogan  
 Okanogan  
 Colfax  
 Davenport  
 Port Angeles

1/ On foreign assignment

Wisconsin (continued)

Parker, Dale E.	Baldwin
Payne, Steve W.	West Bend
Reynolds, Charles A.	Waukesha
Schmude, Keith O.	West Bend
Shivers, S. M.	Madison
Slota, Robert W.	Baraboo
Steingraeber, Joseph A.	Waukesha
Strelow, Harvey V.	Wausau
Thomas, Delbert D.	Eau Claire
Weber, Roger J.	Green Bay
Wing, Gordon N.	Eau Claire

Wyoming

Bindschadler, Harold **	Casper
Bowles, James A.	Basin
Casey, Thomas J.	Worland
Elwonger, Waldo G.	Sundance
Fisher, Scott E., Jr.	Buffalo
Fowkes, Clarence J.	Riverton
Holdorf, Herbert D.	Wheatland
Iiams, John E.	Lander
Kronenberger, Russell C. *	Casper
Lebruska, Robert L.	Pinedale
Lewis, Don J.	Evanston
Lupcho, Paul J.	Sheridan
Neal, Frank W.	Saratoga
Ravenholt, Halvor B.	Torrington
Shields, Paul	Douglas
Shineman, Arlyn R.	Buffalo
Snyder, Stanley E.	Powell
Stephens, Fraser	Torrington
Stephens, James R., Jr.	Buffalo
Webber, Kurt W.	Greybull
Young, Jack F.	Riverton

# SOIL SURVEY WASHINGTON STAFF

DEPUTY ADMINISTRATOR FOR SOIL SURVEY-----CHARLES E. KELLOGG  
Assistant to the Deputy Administrator-----W. M. Johnson  
Assistant to the Deputy Administrator-----J. K. Absher

**CARTOGRAPHIC DIVISION**  
Director-----C. W. Koehnley  
Asst. Director-----J. A. Gockowski

**CARTOGRAPHIC UNIT**  
Hyattsville, Maryland  
Head-----J. A. Gockowski  
Administrative Officer-----E. S. Halstead

**NORTHEASTERN SERVICES**  
Head-----E. L. Rich  
Asst. Head-----R. R. Kneece

**MAP CONSTRUCTION BRANCH**  
Chief-----D. K. Crook  
Asst. Chief-----C. G. Johnson

**REPRODUCTION BRANCH**  
Chief-----G. J. Caspar  
Asst. Chief-----J. F. Hamm

**CARTOGRAPHIC UNIT**  
Fort Worth, Texas  
Head-----H. L. Dean  
Asst. Head-----G. L. Bilyeu  
Asst. Head-----C. B. Eason

**CARTOGRAPHIC UNIT**  
Lincoln, Nebraska  
Head-----J. T. Casey  
Asst. Head-----J. L. Jacobson  
Asst. Head-----W. R. Melstrom

**SOIL SURVEY INTERPRETATIONS**  
Director-----A. A. Klingebiel  
Asst. Director-----W. H. Bender  
Asst. Director-----A. C. Orvedal  
Soil Scientist-----D. W. Swanson

**SOIL SURVEY MANUSCRIPTS**  
Hyattsville, Maryland  
Chief-----B. A. Barnes  
Asst. Chief-----J. C. Powell  
Asst. to -----W. L. Shelton

**CARTOGRAPHIC UNIT**  
Spartanburg, South Carolina  
Head-----E. W. Gresham  
Asst. Head-----J. R. Smith

**CARTOGRAPHIC UNIT**  
Portland, Oregon  
Head-----H. A. Homan  
Asst. Head-----R. E. Wilson  
Asst. Head-----J. J. Olesak

**SOIL SURVEY OPERATIONS**  
Director-----R. D. Hoekensmith  
Asst. Director-----L. E. Dorr  
Asst. Director-----J. W. Klingebury

**FIELD CORRELATION STAFF**  
Northeast RTSC  
Upper Merion, Pennsylvania  
Principal Soil Correlator-----A. J. Baur  
Classification-----L. E. Garland  
Classification-----A. H. Paschall  
Interpretations-----F. W. Cleveland

**FIELD CORRELATION STAFF**  
South RTSC  
Fort Worth, Texas  
Principal Soil Correlator-----L. J. Bartelli  
Classification-----R. C. Carter  
Classification-----J. A. DeKant  
Interpretations-----Keith Young

**FIELD CORRELATION STAFF**  
Midwest RTSC  
Lincoln, Nebraska  
Principal Soil Correlator-----J. E. McClelland  
Classification-----W. E. McCluzak  
Classification-----R. I. Turner  
Interpretations-----R. W. Elkberry  
Report Writer-----R. K. Jackson

**FIELD CORRELATION STAFF**  
West RTSC  
Portland, Oregon  
Principal Soil Correlator-----J. M. Williams  
Classification-----J. E. Brown  
Classification-----L. N. Langen  
Interpretations-----R. Ulrich

**SOIL CLASSIFICATION AND CORRELATION**  
Hyattsville, Maryland  
Director-----R. W. Stinson  
Asst. Director-----F. J. Carlisle, Jr.  
Soil Scientist-----M. E. Austin  
Soil Scientist-----B. L. Matzek  
Soil Scientist-----

**WORLD SOIL GEOGRAPHY UNIT**  
Hyattsville, Maryland  
Chief-----J. D. Reuire  
Climatologist-----F. Reeshall  
Geographer-----G. D. Bailey  
Soil Scientist-----K. T. Ackerson  
Soil Scientist-----J. F. Basfield  
Soil Scientist-----E. L. Bunn  
Soil Scientist-----P. E. Davis  
Soil Scientist-----S. J. Larson  
Soil Scientist-----C. R. Berdander, Jr.  
Soil Scientist-----L. L. Miller  
Soil Scientist-----J. W. Scott  
Soil Scientist-----R. M. Smith  
Soil Scientist-----J. Trach

**FIELD RESEARCH**  
Soil-Geomorphology  
Soil-Nutrition-----  
(Ithaca, New York)  
R. B. Daniels  
E. Gamble  
L. B. Gile  
J. W. Hawley  
R. V. Rabe  
J. E. Witty  
J. Kubota

Head-----  
Soil Character  
Mineralogy

Head-----  
Methods of  
Mineralogy

Head-----  
Chemical A  
Soil Science

Director-----  
Soil Scientist

# SOIL SURVEY

## WASHINGTON STAFF

DEPUTY ADMINISTRATOR FOR SOIL SURVEY-----CHARLES E. KELLOGG

Assistant to the Deputy Administrator-----W. M. Johnson  
Assistant to the Deputy Administrator-----J. K. Ableiter

### SOIL SURVEY INTERPRETATIONS

Director-----A. A. Klingebiel  
Asst. Director-----W. H. Bender  
Asst. Director-----A. C. Orvedal  
Soil Scientist-----D. W. Swanson

### SOIL SURVEY MANUSCRIPTS

Chief-----B. A. Barnes  
Asst. Chief-----J. C. Powell  
Asst. to-----W. L. Shelton

### SOIL SURVEY OPERATIONS

Director-----R. D. Hockensmith  
Asst. Director-----L. E. Derr  
Asst. Director-----J. W. Klingebury

### FIELD CORRELATION STAFF

Northeast RTSC  
Upper Darby, Pennsylvania  
Principal Soil Correlator-----A. J. Baur  
Classification-----L. E. Garland  
Asst. Director-----A. H. Paschall  
Interpretations-----F. W. Cleveland

### FIELD CORRELATION STAFF

South RTSC  
Fort Worth, Texas  
Principal Soil Correlator-----L. J. Bardelli  
Classification-----R. C. Carter  
Classification-----J. A. DeMont  
Interpretations-----Keith Young

### FIELD CORRELATION STAFF

Midwest RTSC  
Lincoln, Nebraska  
Principal Soil Correlator-----J. E. McClelland  
Classification-----W. E. McKinzie  
Classification-----R. I. Turner  
Interpretations-----R. W. Elshberry  
Report Writer-----R. K. Jackson

### FIELD CORRELATION STAFF

West RTSC  
Portland, Oregon  
Principal Soil Correlator-----J. M. Williams  
Classification-----J. E. Brown  
Classification-----L. N. Langen  
Interpretations-----R. Ulrich

### SOIL CLASSIFICATION AND CORRELATION

Hyattsville, Maryland  
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UNITED STATES DEPARTMENT OF AGRICULTURE  
Soil Conservation Service

*Culver*

*Ames*

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January 1, 1969

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 Watsonville  
 Paso Robles  
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 Grass Valley  
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 Paso Robles  
 Salinas  
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 Tustin  
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 Sacramento  
 Escondido  
 Redding  
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Deal, Jack  
Dideriksen, Raymond\*  
Donaldson, Al  
Farmer, Denver  
Fleming, Bruce  
Gilbert, Richard  
Hosteter, W. D.  
Huffman, Keith  
Kelly, Leo  
Kersteins, James A.

Greencastle  
North Vernon  
Rochester  
Indianapolis  
North Vernon  
Huntington  
Newcastle  
Brownstown  
Paoli  
Muncie  
Vincennes  
Terre Haute

Indiana (continued)

Kirschner, Frank  
Langlois, Karl  
McCarter, Paul  
✓Montgomery, Bob  
Nickell, Allan  
Persinger, Ival  
Reusch, Don  
Rivera, Arturo  
Robbins, John  
Rogers, Jack\*\*  
✓Sanders, Frank\*\*  
Shively, Jerold  
Sturm, Ralph  
Tanaka, Gordon  
Thomas, Jerry  
Voss, Earl  
Wingard, Robert

Kendallville  
Lebanon  
Albion  
Terre Haute  
Madison  
South Bend  
Greencastle  
Corydon  
Corydon  
Indianapolis  
Indianapolis  
Boonville  
Lafayette  
Muncie  
Rensselaer  
Greencastle  
Paoli

Iowa

Andrews, Wells  
Brewster, Joseph H.  
Brown, Melvin D.  
Bryant, Dennis  
Buckner, Russell L.  
Calkins, Donald W.  
Clark, Lewis A.  
Crocker, Edwin G.  
Culver, James\*\*  
Davis, Lyle  
Fiason, Elliott  
Fisher, Charles S.\*\*  
Foote, Donald E.  
Fouts, William L.  
Frederick, Wayne D.  
Greiner, Loren  
Hansen, Laurence T.  
Harmon, Harvey  
Harmon, Lacy I.\*  
Harvey, Elmer H.  
Highland, John D.\*\*  
Hoeft, Darwin D.  
Jackson, Lyle F.  
Johnson, Larry  
Johnson, Norman  
Jones, Robert G.  
Jury, Wilbur M.  
King, Elton L.

Grundy Center  
Grundy Center  
Charles City  
Shenandoah  
Charles City  
Rock Rapids  
Shenandoah  
Storm Lake  
Des Moines  
Independence  
Sioux City  
Ames  
Rock Rapids  
Waterloo  
Cedar Rapids  
Emmetsburg  
Rock Rapids  
Spencer  
Des Moines  
Sioux City  
Ames  
Cedar Rapids  
Independence  
Northwood  
Northwood  
Emmetsburg  
Council Bluffs  
Winterset

Iowa (continued)

Killteson, Kenneth K.  
Koppen, Maynard P.  
Koster, Jerome  
Lockridge, L. Dale  
Mendenhall, Ralph L.  
Miller, Gerald A.  
Morris, David K.  
Nestrud, Lorne  
Nixon, John  
Russell, Robert C.  
Schermerhorn, Edward J.  
Seaholm, James  
Sherwood, Max A.  
Shuman, Max  
Smith, Roy W.  
Voy, Kermit D.  
Warren, Robert L.  
Worster, John R.

Kansas

Abmeyer, Walter  
Allen, John M.\*\*  
Angell, Raymond C.  
Atkinson, C. Harry 1/  
Barker, Wesley L.  
Bell, Elbert L.  
Boatright, William C.  
Campbell, Howard V.  
Davis, Richard Dale  
Dickey, Harold P.  
Dodge, Darold A.  
Fleming, Edward L.  
Gier, Donald A.  
Glover, Robert K.  
Gray, Jerry D.  
Haberman, Roger Lee  
Hamilton, Vernon L.  
Harner, Rodney F.\*\*  
Hawkins, Van E.  
Hoffman, Bruce R.  
Horsch, Marcellus L.  
Jantz, Donald R.  
Kutnink, Paul R.  
McBee, Charles W.\*  
Neill, James T.

Decorah  
Fort Dodge  
Logan  
Fairfield  
Oskaloosa  
Shenandoah  
Boone  
Newton  
Creston  
Oskaloosa  
Cedar Rapids  
Storm Lake  
Oskaloosa  
Oskaloosa  
Centerville  
Osage  
Logan  
Sioux City

Topeka  
Salina  
Gove  
Concordia  
Council Grove  
Sedan  
Leavenworth  
Holton  
(EL)  
Lawrence  
Medicine Lodge  
Osborne  
(EL)  
Hays  
Larned  
Marysville  
Smith Center  
Salina  
Manhattan  
Newton  
Lyons  
Manhattan  
Independence  
Salina  
Emporia

Kansas (continued)

Palmer, Cecil D.  
Penner, Harold L.  
Plinsky, Robert O.  
Ratcliff, Ivan W., Jr.  
Roth, William E.  
Rott, Donald E.  
Rowland, Harold T.  
Saffry, Orville W.  
Sallee, Kenneth H.  
Swanson, Deane W.  
Tomasu, Bob I.  
Zavesky, Larry D.

Norton  
El Dorado  
Lawrence  
Wellington  
Larned  
LaCrosse  
Oskaloosa  
Clay Center  
Garnett  
Yates Center  
Meade  
Leavenworth

Kentucky

Arms, Fred S.  
Barton, Arlin J.  
Carroll, David T.  
Converse, Henry T.  
Cox, Frank R., Jr.  
Daniell, Robert E.\*  
Dye, James W.  
Fehr, James P.  
Franklin, Leslie R.  
Froedge, Ronald D.  
Hail, Carl W.  
Hayes, Raymond A.  
Huffman, Edward V.\*\*  
Humphrey, Maurice E.  
Jacobs, Eullas H.  
Johnson, Albert S.  
Latham, Earle E.  
Leathers, Thomas R.  
Love, Paul M.  
McDonald, Herman P.  
Newton, John H.  
Odor, Hubert B.  
Richardson, Alfred J.  
Ross, James C.  
Stapp, Junius G.  
Taylor, John L.  
Watts, Frank C.  
Weisenberger, Billy C.  
Williams, Paul E.  
Wilson, Byron L.

Bardstown  
Russellville  
London  
Hartford  
Greensboro  
Lexington  
Bowling Green  
Madisonville  
Hopkinsville  
Bowling Green  
Ashland  
Paducah  
Lexington  
Paducah  
Madisonville  
Somerset  
Glasgow  
Jackson  
Morehead  
New Castle  
Harredsburg  
Cynthiana  
Carrollton  
London  
Jamestown  
Hardinsburg  
Bardstown  
Williamstown  
Bardstown  
Elizabethtown

1/ Joint employee with the Kansas State  
Agricultural Experiment Station.

Louisiana

Allen, Ellis Thurman  
Butler, Clyde L.  
Chaffin, Bruce F.  
Clark, Henry L.  
Cockerham, Waren L.\*\*  
Dance, R. E.  
Edwards, Jimmy P.  
Griffis, Billy J.  
Hargroder, Terry G.  
Kerr, Alexander J., Jr.  
Loftin, L. L.\*\*  
Magoun, Jerol W.  
Martin, Charles  
Matthews, Stanley  
Perry, Roland J., Sr.  
Redlich, Carl  
Reynolds, Emmett  
Roy, A. J.  
Slusher, David F.\*  
Smith, Jackie L.  
Spicer, Bradley  
Touchet, B. Arville  
Venson, Ronnie  
Weems, Tracey A.  
White, Almond G.  
Zaubrecher, Steve J.

Tallulah  
Natchitoches  
Shreveport  
Crowley  
Alexandria  
Donaldsonville  
Alexandria  
Alexandria  
Ville Platte  
Alexandria  
Alexandria  
Coushatta  
Winnsboro  
Denham Springs  
New Iberia  
Opelousas  
Oak Grove  
Jennings  
Alexandria  
Alexandria  
Denham Springs  
Ville Platte  
Alexandria  
Tallulah  
New Iberia  
Ville Platte

Maryland

Andersen, Richard H.  
Hall, Richard L.  
Ireland, William, Jr.  
Kirby, Robert M.  
Matthews, Earle D.\*\*  
Reybold, William U., III  
Shields, Robert L.\*  
Stone, Kenneth M.  
Walter, Philip J.  
Cockeysville  
La Plata  
Georgetown, Del.  
Annapolis  
College Park  
Cockeysville  
College Park  
Cumberland  
Bel Air

Massachusetts

Barnes, N. E.  
Ferwerda, J. A.\*\*  
Francis, E. L.  
Fuller, D. C.  
Hotz, C. F.  
Hyland, M. T.  
Mott, J. R.  
Roffinoli, R. J.  
Thompson, B. W.  
Upham, C. W.  
Work, R.  
Zayach, S. J.\*  
Holden  
Amherst  
Acton  
Hathorne  
Holden  
Northampton  
Northampton  
Middleboro  
Northampton  
Middleboro  
Acton  
Amherst

Michigan

Alfred, S. D.  
Austin, F. R.  
Berndt, L. W.  
Buchanan, D. E.  
Corder, P. G.  
Earle, Guy H.\*\*  
Feenstra, J. E.  
Gibbs, D. F.  
Hicks, R. N. E.  
Holcomb, S. G.  
Hosner, A. R.  
Hyde, A. G.  
Irvine, A. W.  
Johnson, R. W.\*\*  
Landtiser, G. R.  
Larson, J. D.  
Larson, R. L.  
Long, J. H.  
Metttert, W. K.  
Pasco, D. E.  
Cheboygan  
Kalamazoo  
Marquette  
Marquette  
Alma  
East Lansing  
Alma  
Monroe  
East Lansing  
East Lansing  
Kalamazoo  
Harrison  
East Lansing  
East Lansing  
Port Huron  
Ann Arbor  
Monroe  
Alma  
Ann Arbor  
Flint

Maine

Arno, John R.  
Bailey, Manley H.  
Bither, Roy  
Faust, Albert  
Flewelling, Lawrence  
Hedstrom, Gary  
Jordan, Glenn  
Kalloch, Norman  
LaFlamme, Kenneth J.  
Lewis, David T.  
Lisanti, Robert H.  
McEwen, Bryce  
Polchlopek, Walter  
Riley, Richard  
Smith, Thomas W.  
Steputis, Walter J.\*  
Titcomb, Payson  
Willey, Roslyn B.

Dover-Foxcroft  
Rockland  
Machias  
Augusta  
Sanford  
Portland  
Machias  
Farmington  
Ellsworth  
(EL)  
(ML)  
Auburn  
Bangor  
Rockland  
Portland  
Orono  
Belfast  
Skowhegan



Michigan (continued)

Pregitzer, K. E.  
Sanders, T. E.  
Stroesenreuther, N.  
Threlkeld, G. W.  
van der Voet, Dirk\*  
Weber, H. L.  
Weesies, G. A.

Grand Rapids  
Ann Arbor  
Ann Arbor  
East Lansing  
East Lansing  
Traverse City  
(ML)

Minnesota

Aas, Ward J.  
Barron, Donald D.  
Carlson, Carroll R.  
Chamberlain, Leon M.  
Cummins, Joseph F. \*\*  
DeMartelaere, D. E.  
Diedrick, Raymond T.  
Dykhuizen, Duane R.  
Edwards, Russell J.  
Finney, Harlan R. \*\*  
Harries, John C.  
Hokanson, Hilding L.  
Jacobson, Malvern N.  
Lewis, Royce R.  
Lorenzen, Francis D.  
Murray, James J.  
Nyberg, Paul R.C.  
Paulson, Richard O.  
Poch, George A.  
Preston, Darwin G.  
Robertson, Alex S.\*  
Rhyner, Aldean G.  
Scilley, Francis M. \*\*\`  
Sharp, Jerry A.  
Sutton, Charles K.  
Tordson, John F.  
Whitaker, Orville J.  
Lueth, Robert A.

Thief River Falls  
Thief River Falls  
Owatonna  
St. Cloud  
Owatonna  
Alexandria  
Fergus Falls  
Golden Valley  
St. Peter  
St. Paul  
Benson  
Marshall  
Thief River Falls  
Duluth  
Worthington  
St. Peter  
Grand Rapids  
Barnum  
Rochester  
St. Cloud  
St. Paul  
Golden Valley  
St. Paul  
Barnum  
St. Cloud  
Fergus Falls  
St. Cloud  
Golden Valley

Mississippi

Allgood, Velton C.  
Barlow, Paul J.  
Bowen, Charles D.  
Brent, Floyd V.  
Bright, William E.  
Byers, Kenneth H.  
Cole, William A.  
Covell, Richard R.\*  
Davis, Rex E.  
Galberry, Henry S.  
Garber, Miles C.

Lucedale  
Jackson A0  
Grenada  
State College  
New Albany  
Hattiesburg  
Jackson A0  
Jackson  
Hattiesburg  
Philadelphia  
Tupelo

Mississippi (continued)

Hale, Lloyd B.  
Huddleston, Jerry S.  
Keyes, John W.  
Koos, William M. \*\*  
Lane, Henry C.  
Leggett, Albert R.  
McMullen, James W.  
Milbrandt, Allen C.  
Miller, Karl H.  
Morris, William M.  
Murphree, Leland C.  
Nail, Earl E.  
Neal, Huel L.  
Parker, Joe N.  
Parker, William B. \*\*  
Roberts, Johnny  
Scott, Frank T.  
Smith, William I.  
Thomas, Abraham E.  
Tyer, Malcolm C.  
Walton, Lloyd B.  
Wynn, Addison W., Jr.

Gulfport  
Grenada  
Philadelphia  
Jackson  
New Albany  
Columbia  
Eupora  
Brookhaven  
Tupelo  
Natchez  
Okolona  
Brandon  
Bay Springs  
University  
Jackson  
Okolona (ML)  
Yazoo City  
Gulfport  
Grenada  
University  
Yazoo City  
Jackson RBSS

Missouri

Aldrich, Max W.  
Benham, Kenneth E.  
Brown, Burton L.  
Daugherty, Leroy H.  
Dodd, Jerry A.  
Fenwick, Richard W.  
Francka, John P.  
Gilbert, Fred L.  
Graves, Lewis H.  
Grogger, Harold E.\*  
Gurley, Phil D.  
Held, Robert J.  
Hughes, Harold E.  
Jeffrey, Allan H.  
Kintner, Galen E.  
Lee, James H. \*\*  
McWilliams, Kendall M.  
Minor, Paul E.  
Palmer, M. Kent  
Preston, George D.  
Robertson, George D.  
Simmons, George T.  
Sparkman, Billy E.  
Sturdevant, Gary W.  
Tiede, Carroll R.  
Vogt, Kenneth D.

Mt. Vernon  
Anderson (EL)  
Charleston  
Maysville  
Monticello  
Fulton  
Springfield  
Houston  
Doniphan  
Columbia  
Poplar Bluff  
Warrenton  
Lamar  
Liberty  
Bethany  
Columbia  
Hannibal  
Kirksville  
Doniphan  
Harrisonville  
Macon  
Cameron  
Nevada  
Fulton  
Lebanon  
Maysville

Missouri (continued)

Warkentin, Jack A.  
Watson, F. Conrad  
Wilbur, Merriett G.  
Yarbrough, James E.  
Yeck, Ronald D. (EL)

Montana

Anderson, Arial  
Bingham, LaMonte C.  
Boettcher, Fred A.  
Brockmann, Lester C.  
Clark, Clair O.  
Cloninger, John R.  
Dunmire, Ralph G.  
Farnsworth, Dean H.  
Giese, Laurence D.\*  
Gray, Laverne  
Haigh, June G.  
Haub, Mervyn  
Hilts, George B.  
Hogan, E. K.  
Holder, Tommie  
Hunter, Harold E.  
Meshnick, James C.  
Mogen, Clinton A.\*\*  
Moshier, Ronald L.\*\*  
Olsen, J. A.  
Parcell, John T.  
Parker, John L.  
Pescador, Pedro  
Richardson, Robert E.  
Seago, J. B.  
Smith, James H.  
Weight, Brent N.

Nebraska

Bartlett, Paul  
Bowman, Gilbert  
Brown, Larry  
Buller, Louis  
Cotter, Charles  
DaMoude, Dean  
Gengenbach, Dale  
Good, Kenneth  
Greenawalt, Ross D.\*\*  
Hammond, Charles  
Jackson, Richard K.\*\*

Houston  
Hannibal  
Poplar Bluff  
Carrollton  
Houston

Chinook  
Townsend  
Bozeman  
Sidney  
Great Falls  
Polson  
Missoula  
Great Falls  
Bozeman  
Joliet  
Cut Bank  
Helena  
Chinook  
Lewistown  
Glendive  
Cut Bank  
Hardin  
Bozeman  
Bozeman  
Helena  
Missoula  
Joliet  
Glendive  
Plentywood  
Polson  
Hardin  
Great Falls

Fremont  
North Platte  
Broken Bow  
Lexington  
Broken Bow  
West Point  
Bridgeport  
Lincoln  
Lincoln  
Albion  
Lincoln

Nebraska (continued)

Hoppes, Ronald  
Indra, Orville  
Jones, Willie  
Kerl, Donald  
Kollmorgen, Herbert L.\*\*  
Manke, Charles  
Mitchell, Lloyd E.\*  
Paden, Harry  
Plantz, Merrit  
Pollock, Robert  
Quandt, Loyal  
Ragon, Larry  
Rieke, Duane  
Sautter, Howard  
Schultz, Ronald  
Seevers, Vernon  
Sherfey, Lester  
Slama, Norman  
Yost, Don

McCook  
O'Neill  
North Platte  
Wayne  
Lincoln  
Neligh  
Lincoln  
Franklin  
Ainsworth  
Hebron  
Lincoln  
Hastings  
Beaver City  
Pawnee City  
Pierce  
York  
Mullen  
Wakefield  
Scottsbluff

Nevada

Archer, Warren M.  
Bagley, Donald G.\*\*  
Borup, Harry J.  
Candland, David M.  
Garlick, Glen W.  
Larsen, Leland I.  
Naphan, E. A.\*  
Rooke, Lloyd\*\*\*  
Spencer, Eddie L.\*\*  
Summerfield, Harry, Jr.  
Townsend, Martin M.  
Wilde, Russell M.  
Yamamoto, Leo Y.  
Staidl, George J.

Yerington  
Reno  
Caliente  
Austin  
Fallon  
Winnemucca  
Reno  
Reno  
Reno  
Reno  
Fallon  
Yerington  
Battle Mt.  
Battle Mt.

New Hampshire

Bond, Richard W.  
Breeding, Charles H. J.  
Carr, Howard W.  
Davis, Norman M.  
Dellinger, Carl E.  
Diers, Richard  
Douglas, Walter W.  
Pilgrim, Sidney A. L.\*  
Vieira, Frank J.\*\*

Milford  
Exeter  
Woodsville  
Conway  
Woodsville  
Claremont  
Conway  
Durham  
Exeter

New Jersey

Eby, Carl	Morristown
Fletcher, Sylvester	Hackettstown
Hutchins, Richard G.	Cape May Court House
Jablonski, Clarence	Trenton
Johnson, John	Mays Landing
Kirkham, Wendell	Somerville
Markley, Marco L.**	Somerset
Powley, Van R.	Mays Landing
Seglin, Lester	Butler
Shook, Roy	Butler
Wilson, Kenneth P.*	Somerset
Thornton, J. F. Hole	Mays Landing

New Mexico

Anderson, George W.	Springer
Bailey, Oran F.**	Albuquerque
Buchanan, William	Taos
Bulloch, H. E.	Aztec
Chastain, Clement L.	Las Cruces
Cox, Dellon	Albuquerque
Derr, Phillip S.	Las Vegas
Downs, Joseph M.	Las Vegas
Folks, James J.	Santa Fe
Gibson, Roye M.	Las Vegas
Hilley, Terry E.	Springer
Hodson, Max	Roswell
Keetch, C. Wesley	Aztec
Link, Victor G.*	Albuquerque
Maxwell, Harold B.	Espanola
Miller, Paul N.	Clayton
Neal, Charles R.	Taos
Neher, Raymond E.	Las Cruces
Pease, Douglas S.	Los Lunas
Roath, Archie J.	Los Lunas
Ross, W. James	Clayton
Rounsaville, Hayden	Albuquerque
Salinas, Jose M., Jr.	Espanola
Stevenson, Abe	Albuquerque
Turner, Millard T.	Roswell
Youberg, Charles F.***	Albuquerque

New York

Bartlett, John B.	Cooperstown
Benner, Roy E.	Kingston
Broad, William A.	Bath
Case, Roger J.	Watertown
Crandall, Leslie	Kingston
Davis, Leon B.	Gloversville
Fedak, Theodore	Syracuse

New York (continued)

Flora, Donald F.**	Syracuse
French, Lewis M.	Bath
Goodman, Seymour D.	New City
Hanna, Willis E.	Warsaw
Higgins, Bradford A.	Lockport
Holmes, Robert L.	Lake George
Hutton, Frank Z.	Auburn
Kick, Leslie W.**	Syracuse
Krawiecki, Val J.	Fultonville
Kuhl, Arthur D.	Herkimer
Landry, Robert J.	Albany
Laux, Burton R.	Middletown
Lawrence, John W.	Riverhead
Maine, Charles H.	Lake George
Marshall, Raymond L.*	Syracuse
McDowell, Letember	Watertown
Neeley, John A.	Sodus
Olsson, Karl S.	Wynantskill
Parsons, Russell A.	Oswego
Pearson, Carl S.	Ithaca
Post, Gerald J.	Utica
Puglia, Paul S.	Albion
Rice, C. Erwin	Syracuse WU
Rose, Robert D.	Oswego
Scanu, Richard J.	Fort Edward
Smith, Robert E., Jr.	Walton
Tetor, David R. (MF-LWOP)	Rochester
Tornes, Lawrence A.	Kingston
Warner, John W., Jr.	Riverhead
Winkley, Harvell E.	Wynantskill
Wulforst, John P.	Warsaw

North Carolina

Barnhill, William L.	Goldsboro
Bostian, Marcus R.	Smithfield
Brandon, C. E.	Lumberton
Brewer, Edward O.	North Wilkesboro
Brown, Robert M.	North Wilkesboro
Cawthron, J. W.	Smithfield
Covington, Joe P.	Edenton
Dunn, James	Tarboro
Goodwin, Roy A., Jr.	Tarboro
Hearn, Sam H.	Albemarle
Horton, R. E.	Lumberton
Hunt, Charles L.**	Raleigh
Huntt, Henry S.	Lumberton
Jenkins, Van S.	Durham
Karnowski, Edwin H.	Washington



North Carolina (continued)

King, John M., Jr.	Waynesville
McCachren, Clifford M.	Salisbury
Meadows, John A.	New Bern
Newman, James B.	Greenville
Pleasants, R. Clyde	Raleigh
Rees, James R.	Greensboro
Shope, W. I.	Durham
Spangler, Daniel G.	Lumberton
Byrd, Hubert J.*	Raleigh
Stephens, Ronald B.	Newton
Turpin, John W.	Waynesville
Watts, John B.**	Raleigh
Weaver, Arlin	Whiteville
Zimmerman, James L.	Salisbury

North Dakota

Bahr, A. Francis**	Bismarck
Baker, Bertram C.	Dickinson
Dahl, Robert H.	Devils Lake
Evenson, Eldon H.	Jamestown
Farris, Cornelius G., Jr.	Williston
Freymler, William F.	Bismarck
Haugen, Lawrence P.	Rugby
Hetzler, Robert L.	Grafton
Howey, Robert L.	Minot
Joos, Lloyd L. **	Bismarck
Kukowski, Richard J.	Beach
Larsen, Wesley M.	Lisbon
Neubauer, Leonard A.	Bottineau
Opdahl, Donald D.	New England
Petersen, Terry R.	Wahpeton
Prochnow, Norman D.	Hillsboro
Shoesmith, Lloyd*	Bismarck
Strum, James F.	Linton
Thiele, James H.	Bowbells
Thompson, Donald G.	Fargo
Thompson, Kenneth W.	Langdon
Weiser, Paul K.	Hazen
Wright, M. Robert	New Rockford

Ohio

Borton, L.	Bryan
Bottrell, G. D.	Troy
Brown, D. L.	Marietta
Brug, W. H.	Mansfield
Bureau, M. F.	Wooster
Dunlavy, J. T.	Chesterland
Flesher, E. C.	Bryan

Ohio (continued)

Googins, Richard L.**	Columbus
Hale, W. F.	Batavia
Hayhurst, E. N.	Medina
Hole, T.	Marietta
Innis, C. H.	Tiffin
Jenny, P.	Medina
Kelley, G. E.	Coshocton
Lehman, S.	Troy
Lerch, N. K.	Batavia
Lessig, H. D.	Athens
Matanzo, F.	Troy
McCormack, D. E.*	Columbus
McLoda, N. A.	Hillsboro
Meeker, R. L.**	Columbus
Milliron, E.	Batavia
Redmond, C. E.	Mansfield
Reese, P. W.	Cortland
Rubel, T. N.	Marietta
Schafer, G. M.**	Columbus
Shumate, W. H.	Athens
Siegenthaler, V. L.	Bellefontaine
Smith, H.	Columbus
Steiger, J. R.	Medina
Stone, K. L.	Bryan
Urban, D. R.	Defiance
Vann, J. R.	Mansfield

Oklahoma

Abernathy, Edward	Poteau
Allgood, Ferris**	Woodward
Bain, Ruel	Antlers
Bartolina, Donald G.	Tulsa
Bogard, Vinson	Pauls Valley
Bourlier, Bobby G.	Pawhuska
Brinlee, R. C.	Stigler
Burgess, Dent	Tishomingo
Cole, Everett	Durant
Dries, Fred J.**	Stillwater
Fielder, A. G.	Chickasha
Fisher, Carl	El Reno
Frie, Jimmie W.	Sayre
Henson, Odos G.	Clinton
Hill, Elmer**	Stillwater
LaMar, Otho W.	Hobart
Long, Roscoe	Muskogee
Maxwell, A. J.	Ardmore
Mayhugh, Richard	Shawnee
Mobley, Hubert	Pauls Valley
Moebius, Gordon	Coalgate
Moffatt, Hamilton	Cordell

Oklahoma (continued)

Nance, Earl\*\*  
 Newland, Claude  
 Otsuki, Henry\*  
 Polone, D. J.  
 Reasoner, Robert  
 Ringwald, W. J.  
 Shingleton, Lyle  
 Sparwasser, W. A.  
 Swafford, Bill  
 Waterson, Anderson  
 Williams, Glen

McAlester  
 Vinita  
 Stillwater  
 Claremore  
 Idabel  
 Pawhuska  
 Atoka  
 Purcell  
 Pryor  
 Antlers  
 Cherokee

Oregon

Ames, Dal F.  
 Bowsby, Clyde C.  
 Cahoon, Joe S.  
 Dallin, Terry A.  
 Dyksterhuis, Eugene L.  
 Garland, Craig W.  
 Gelderman, F. W.  
 Green, George L.  
 Herriman, Richard C.  
 Hill, William W.\*  
 Hosler, Richard E.  
 Lindsay, Grant M.  
 Lovell, Burrell B.  
 Mayko, R. W.\*\*  
 Ness, Arnold O.\*\*  
 Olds, Clarence R.  
 Otte, George E.  
 Parsons, Roger B.  
 Patching, William R.  
 Pearson, Nicholas N.  
 Power, William R.  
 Rother, Earle W.  
 Setness, Duane K.  
 Smith, Phillip R.  
 Smythe, Richard T.  
 Taylor, Don R.  
 Tribe, John P.  
 Vance, Howard M.  
 Williams, Lynn H.  
 Knezevich, Clarence A.

The Dalles  
 Portland  
 Klamath Falls  
 The Dalles  
 Canyon City  
 Eugene  
 Corvallis  
 The Dalles  
 Eugene  
 Portland  
 Canyon City  
 Baker  
 Vale  
 Portland  
 Portland  
 Harrisburg  
 Hillsboro  
 Corvallis  
 Eugene  
 Corvallis  
 Medford  
 Medford  
 Hillsboro  
 Eugene  
 Hillsboro  
 Klamath Falls  
 Klamath Falls  
 La Grande  
 Corvallis  
 Corvallis

Pennsylvania

Backer, Albert  
 Belz, David J.  
 Braker, William L.  
 Bush, R. Dennis  
 Carey, John B.\*\*  
 Cerutti, James R.  
 Churchill, Norman J.  
 Craft, Thomas J.  
 Derr, Bruce D. (LWOP)  
 Eckenrode, Joseph J.  
 Ekart, Sylvester C.  
 Farley, Dr. William H.  
 Grice, D. Gene\*\*  
 Grubb, Robert G.  
 Guernsey, Carl W.\*\*  
 Haagen, John T. (LWOP)  
 Hallowich, Joseph S.  
 Hipes, Donald P.  
 Holzer, Donald B.  
 Jensen, Ernest L.  
 Kohler, Clifford D.  
 Kopas, Frank A.  
 Kunkle, W. Merrill  
 Latshaw, Gerald J.\*\*  
 Lipscomb, Garland H.  
 Long, Richard S.  
 Malmgren, Robert C.  
 Martin, George D.  
 Merkel, Edward J.  
 Newbury, Raymond L.  
 Noll, John J.\*  
 Parrish, Paul H.  
 Rayburn, James B.  
 Reber, Earl J.  
 Rector, Dean D.  
 Richard, Gerald L.  
 Sautter, Edward H.\*\*  
 Smith, Robert V.  
 Speir, Reginald  
 Staley, Larry R.  
 Tompkins, Edward A.  
 Weaver, Jay B.  
 Yaworski, Michael  
 Yoder, Gerald D.  
 Yost, David L.  
 Zarichansky, John

Doylestown  
 Pittsburgh  
 Clearfield  
 Dallas  
 Harrisburg  
 Warren  
 Franklin  
 Huntingdon  
 Kittanning  
 Tunkhannock  
 Towanda  
 Lewistown  
 Somerset  
 Beaver  
 Harrisburg  
 Beaver  
 Dallas  
 Hollidaysburg  
 Clarks Summit  
 Meadville  
 Williamsport  
 Pottsville  
 Lebanon  
 Harrisburg  
 Stroudsburg  
 Chambersburg  
 Honesdale  
 Kittanning  
 Huntingdon  
 Pittsburgh  
 Harrisburg  
 Middleburg  
 Wellsboro  
 Somerset  
 Waynesburg  
 Bellefonte  
 Bloomsburg  
 Butler  
 Bedford  
 Easton  
 Doylestown  
 Washington  
 Meadville  
 Lewistown  
 Ebsensburg  
 Carlisle

Puerto Rico

Acevedo-Ramos, Gilberto  
 Boccheciamp, Rafael A.  
 Brunet, Juan E.  
 Francia-Rivera, William  
 Gierbolini, Roberto E.  
 Rivera, Luis H.\*  
 Torres-Más, Joaquin  
 Torres-Ricci, Guillermo  
 Trigo, Julio E.

South Carolina

Allen, J. H.  
 Byrd, H. S.  
 Camp, W. J.  
 Craft, R. W.  
 Dudley, T. R.  
 Ellerbe, C. M.\*  
 Fleming, W. H.  
 Gerald, T. R.  
 Herren, E. C.  
 Lawrence, C. B.  
 Long, B. M.  
 Meetze, J. C.  
 Miller, E. N., Jr.\*\*  
 Pitts, J. J.  
 Rogers, V. A.  
 Steedly, W. M.  
 Stuck, W. M.  
 Stuckey, B. N., Jr.  
 Wakefield, J. B., Jr.  
 Ware, C. B.  
 Wells, R. D.\*\*

South Dakota

Bannister, Donald L.\*\*  
 Boden, Paul M.  
 Delaney, Gary J.  
 Driessen, James L.  
 Ensz, Edgar H.  
 Glatt, Francis J.  
 Heil, Kenneth J.  
 Johnson, Paul R.  
 Johnson, Warren F.  
 Kalvels, John  
 Kobriger, Laurence J.  
 Koopman, Vernon F.

Ponce  
 San Juan  
 San Juan  
 San Juan  
 Ponce  
 San Juan  
 Ponce  
 San Juan  
 San Juan

Columbia  
 Anderson  
 Laurens  
 Greenville  
 Florence  
 Columbia  
 Laurens  
 Manning  
 Florence  
 Columbia  
 Moncks Corner  
 Chester  
 Columbia  
 Florence  
 Orangeburg  
 Ridgeland  
 Walterboro  
 Manning  
 Aiken  
 Walterboro  
 Columbia

Huron  
 Mobridge  
 Mitchell  
 Canton  
 Ipswich  
 Chamberlain  
 Mobridge  
 Sturgis  
 Mitchell  
 Mobridge  
 Lake Andes  
 Milbank

South Dakota (continued)

Kost, Merle M.  
 Meland, Arvid C.  
 Miller, Franklin T.\*\*  
 Miller, Kenneth F.  
 Moxon, Vernon W.  
 Ollila, Toivo J.  
 Parmeter, Adrian A.  
 Paschke, Lyle D.  
 Radeke, Robert E.  
 Schultz, Loren D.  
 Smalley, Miles W.  
 Springer, Robert F.  
 Stout, Maurice, Jr.\*  
 Wiesner, C. Howard

Britton  
 Sturgis  
 Huron  
 Sisseton  
 Huron  
 Sturgis  
 Bison  
 Britton  
 Rapid City  
 Britton  
 Pierre  
 Winner  
 Huron  
 Bison

Tennessee

Birdwell, B. T.  
 Breinig, Clarence B.\*  
 Brown, W. T.  
 Campbell, J. F.  
 Clement, A. B.  
 Cothran, J. B.  
 Davis, E. P.  
 Elder, Joe\*\*  
 Flatt, L. W.  
 Hall, W. G.  
 Hogan, C. A.  
 Jackson, B. W.  
 Jackson, W. C.  
 Keathley, G. L.  
 Lampley, E. T.  
 Moffitt, William C.  
 Moneymaker, R. H.  
 Moore, C. L.  
 Moore, Roy K.  
 Powers, Charles  
 Sease, E. C.\*\*  
 Steele, P. T.  
 True, J. C.  
 Warren, R. B.

Rogersville  
 Nashville  
 Jackson  
 Sparta  
 Milan  
 Nashville  
 Murfreesboro  
 Nashville  
 Columbia  
 Madisonville  
 Cookeville  
 Madisonville  
 Murfreesboro  
 Jackson  
 Clarksville  
 Sparta  
 Knoxville  
 Rogersville  
 Sparta  
 Cleveland  
 Jackson  
 Clarksville  
 Murfreesboro  
 Cleveland

Texas

Allison, John E. Fredericksburg  
 Arriaga, Daniel Eagle Pass  
 Baker, Frank E. Bastrop  
 Barnhill, Lloyd J. Robert Lee  
 Batte, Charles D. Jasper  
 Blackstock, Dan A. Paris  
 Blakley, Earl R. Lubbock  
 Blankenship, Dolman A. La Grange  
 Blum, Ervin Monahans  
 Botts, Oral L. Baird  
 Brooks, Charles A. Hillsboro  
 Bruns, Herbert E. Hereford  
 Bruns, Roy H. L. Hallettsville  
 Buckley, Wilson B. Palestine  
 Bynum, Otto W. Brady  
 Chervenka, Woodrow G. Bryan  
 Clower, Dennis F. Jacksboro  
 Coburn, Winfred Eastland  
 Cochran, Rex A. Gainesville  
 Coffee, Daniel R. Terrell  
 Coker, John L. Brady  
 Conner, Nathaniel R. Odessa  
 Crout, Jack D. Rosenberg  
 Crump, Jerald O. Wheeler  
 Dean, Horace C.\*\* Austin  
 Deshotels, Jesse D.III Rosenberg  
 Dittmore, William Jr. Fredericksburg  
 Dittmar, Glenn W. Pleasanton  
 Dixon, Marvin L. Big Spring  
 Dolezel, Raymond Nacogdoches  
 Elder, William R.\*\* Temple  
 Flores, Plinio H. San Angelo  
 Ford, Alan R. Denton  
 Fox, Richard W. Dalhart  
 Franki, Guido E. Alice  
 Fuchs, Charles R. Nacogdoches  
 Fuchs, Westal W.\*\* Temple  
 Galloway, Thomas L. Carthage  
 Garcia, Ramon N. Robstown  
 Geiger, Luther C. Amarillo  
 Giddens, Thomas W. Terrell  
 Girdner, Charles L. Abilene  
 Goebel, Joseph E. Mt. Pleasant  
 Goerdel, Auline R. Aspermont  
 Greenwade, James M. Corsicana  
 Guckian, William J. Nocona  
 Hailey, Reland B. Baird  
 Hajek, Johnny J. Paducah  
 Hatherly, Don T. Rosenberg  
 Hausman, Larry W. Cuero

Texas (continued)

Hensell, James L. Fredericksburg  
 Hill, Ralph H. Ft. Worth  
 Huckabee, John W. Temple  
 Hyde, Harold W. Weatherford  
 Jaco, Hubert B. Pecos  
 Jacobs, Jerry L. Edinburg  
 Kelley, J. David Brownwood  
 Kendrick, Billy W. Comanche  
 LaBarbera, Joseph N. Carthage  
 Lane, Gaylon L. Sulphur Springs  
 Lee, Jerry B. Liberty  
 Lowther, Audrey C. Austin  
 McClintock, William, Jr. Huntsville  
 McEwen, Harry F. Livingston  
 McKee, Gordon S.\* Temple  
 Meade, William D. Corsicana  
 Mitchell, Wayburn Dale Tulia  
 Moncrief, Howard, Jr. Bryan  
 Moore, Joe D. Eastland  
 Mowery, Irvin C. Victoria  
 Neitsch, Conrad L. Floydada  
 Newman, Allen L.\*\* Temple  
 Passmore, Giles D., Jr. Seymour  
 Pauls, Edward W. Denton  
 Pringlo, Fred B. Corsicana  
 Putnam, Lee A. Gainesville  
 Ramsey, Robert N. Seguin  
 Ressel, Dennis D. Terrell  
 Richardson, Wayne E. Vernon  
 Robbins, Roy L. Clarksville  
 Rogers, Colletus A. Seymour  
 Sanders, Russell R. Laredo  
 Sparkman, Bobby J. Eastland  
 Stevens, Jack W. Uvalde  
 Stewart, Michael W. Huntsville  
 Stringer, Billy R. Stratford  
 Taylor, Frank B. Floresville  
 Thomas, Jesse R., Jr. Mt. Pleasant  
 Thompson, Charles M.\*\* Nacogdoches  
 Thompson, David R. Temple  
 Turner, August J. Alpine  
 Wagner, Billy J. Stephenville  
 Watson, Lonnie Abilene  
 Werchan, Leroy E. Austin  
 Wheeler, Frankie F. Houston  
 Wiedenfeld, Clarence C. San Angelo  
 Williams, DeWayne Harlingen  
 Williams, Jack C. Pampa  
 Wyrick, Jim C. Temple

Utah

Barney, Marvin L.  
 Beckstrand, Delyle  
 Campbell, LuDene B.  
 Carley, James A.  
 Chadwick, Raymond S.  
 Crandall, Gordon C.  
 Donaldson, Karl M.  
 Erickson, Austin J.\*\*  
 Erickson, Duaine T.  
 Harvey, John L.  
 Jensen, Earl H.  
 Leishman, Garth W.  
 Mortensen, Vear L.  
 Nielson, Woodrow  
 Olsen, Marvin E.\*\*  
 Shiozaki, Jungi J.  
 Stott, Laural H.  
 Swenson, John L.  
 Woodward, Lowell\*\*\*  
 Hutchings, Theron B.\*

Tremonton  
 Delta  
 Tremonton  
 Salt Lake City  
 Logan  
 Fillmore  
 St. George  
 Salt Lake City  
 Manti  
 Murray  
 Tremonton  
 Delta  
 St. George  
 Roosevelt  
 Salt Lake City  
 Manti  
 Richfield  
 Manti  
 Salt Lake City  
 Salt Lake City

Vermont

Allen, George W.  
 Dondero, Louis J.  
 Gilman, David  
 Griggs, John E.  
 Gowdey, Richard F.  
 Joslin, Robert V., Jr.  
 Sheehan, Wilfred J.  
 Sinclair, H. Raymond, Jr.  
 Waite, William R., Jr.  
 Watson, Bruce G.\*

Montpelier  
 Rutland  
 Woodstock  
 Woodstock  
 Newport  
 St. Albans  
 Randolph  
 Burlington  
 Randolph  
 Burlington

Virginia

Bailey, Moulton A.  
 Brunger, Earl H.  
 Bullard, Cecil F.  
 Burruss, Thomas R.  
 Carter, John B.  
 Clay, John W.  
 Cullipher, Louis E.  
 Cummins, Wallace E.  
 Fussell, Kenneth E.  
 Gettys, William  
 Hockman, John R.  
 Isgrig, Dan

Chatham  
 Charlottesville  
 Rustburg  
 Goochland  
 Louisa  
 Richmond  
 Prince George  
 Louisa  
 Chase City  
 Pulaski  
 Fishersville  
 Fredericksburg

Virginia (continued)

Jones, David L.  
 Judy, Charles N.  
 Kane, John F.  
 Koch, Charles J.\*  
 Maupin, Randolph J.  
 McDaniel, Jerry C.  
 McKinney, Joseph C.  
 Pfeiffer, Norman B.\*\*  
 Sledjeski, William F.  
 Smith, David L.  
 Strobel, Adolph L.  
 Tuthill, Bartley E.  
 Wills, James W.  
 Willson, George C.\*\*  
 Van Dine, John W.

Goochland  
 Roanoke  
 Woodstock  
 Richmond  
 Harrisonburg  
 Rustburg  
 Fishersville  
 Richmond  
 Rustburg  
 Marion  
 Richmond  
 Chesapeake  
 Louisa  
 Richmond  
 Charlotte

Washington

Beieler, Vern  
 Call, Willard  
 Debose, Alfonso  
 Donaldson, Norman C.  
 Fibich, William R.  
 Gale, Phillip  
 Gentry, Herman R.  
 Harrison, Eveard T.  
 Hidlebaugh, Allen R.\*\*  
 Lenfesty, Charles  
 McCreary, Fred R.  
 McMurphy, Carl J.  
 Mitchel, Robert F.\*  
 Olson, Dale L.  
 Pringle, Russel F.  
 Rasmussen, Jack  
 Raver, Miles  
 Snyder, Dale E.  
 Stockman, Dale  
 Zulauf, Allan

Wenatchee  
 Ephrata  
 Colfax  
 Colville  
 Chehalis  
 Toppenish  
 Colfax  
 Colfax  
 Spokane  
 Okanogan  
 Port Angeles  
 Montesano  
 Spokane  
 Moses Lake  
 Renton  
 Toppenish  
 Pomeroy  
 Renton  
 Davenport  
 Puyallup

West Virginia

Beverage, W. W.  
 Childs, Dale  
 Curry, William  
 Ellyson, Walter  
 Gorman, John L.  
 Hatfield, William

Elkins  
 Charleston  
 Romney  
 Parkersburg  
 Morgantown  
 Morgantown



West Virginia (continued)

McKinney, David	Morgantown
Newhouse, Michael	Elkins
Newman, Leonard S.	Huntington
Patton, Boyd J.*	Morgantown
Schmude, Keith O.**	Morgantown
Yoakum, Troy	Moorefield

Wisconsin

Anderson, F.	Janesville
Barndt, W.	Sheboygan
Bartelme, R.	Wausau
Boelter, J.	Eau Claire
Carroll, P. H.**	Madison
Decker, R.	Janesville
Engel, R.	Janesville
Fox, R. E.**	Madison
Glocker, C.	Madison
Gunlock, H.	Janesville
Haszel, O.	Phillips
Jakel, D.	Menominee
Kissinger, E.	Portage
Klingelhoets, A. J.*	Madison
Langton, J.	Baldwin
Leonard, C.	Green Bay
Link, E.	Green Bay
Lorenz, H.	Green Bay
Martinson, A.	Ladysmith
McColley, P.	Portage
Medin, D.	Madison
Mitchell, M.	Portage
Moeller, H.	Portage
Nelson, E.	Spooner
Otter, A.	Stevens Point
Patzer, R.	Madison
Payne, S.	Ashland
Shivers, M.	Madison
Slota, R.	Baraboo
Steingraeber, J.	Waukesha
Strelow, H.	Wausau
Suhr, M. (ML)	Portage
Thomas, D.	Eau Claire
Wing, G.	Eau Claire

Wyoming (continued)

Glenn, William R.	Afton
Holdorf, Herbert D.	Worland
Iiams, Jack E.	Wheatland
Kronenberger, Russell C.*	Casper
Lebruska, Robert L.	Powell
Lewis, Donald J.	Evanston
Lupcho, Paul J.	Sheridan
Nelson, Frank L.	Torrington
Ravenholt, Halvor B.	Afton
Robbins, E. Gary	Powell
Shields, Paul	Saratoga
Stephens, Fraser**	Casper
Stephens, James R.	Buffalo
Young, Jack F.	Riverton

Wyoming

Carlson, Garwin T.	Evanston
Elwonger, Waldo G.	Sundance
Fowkes, Clarence J.**	Casper

SOIL SCIENTISTS ON FOREIGN ASSIGNMENTS

India

Coover, James R.  
Larson, Kermit E.

(New Delhi)  
(Punjab Area)

Mailing Address  
New Delhi (ID)  
Department of State  
Washington, D.C. 20521

Kester, Gerald

(Bellary)

USAID/Madras, Congen  
Department of State  
Washington, D.C. 20521

Thailand

Rice, Oliver W.

(Bangkok)

USAID  
c/o U. S. Embassy  
APO, San Francisco 96346

Tunisia

Anderson, Sanford M.  
Bower, James E.

(Tunis)  
(Tunis)

USAID/Tunis  
Department of State  
Washington, D.C. 20521

Zambia

Yager, Thomas U.

(Chilanga)

Office of AID Affairs/Lusaka  
Department of State  
Washington, D.C. 20521

## SOIL CONSERVATION SERVICE

August 1971

State Offices	State Conservationists (Deputy)	Assistant State Conservationists	State Resource Cons.	State Engineer	State Soil Scientist	State Admin. Officer	
ALABAMA, Auburn	W. B. Lingle (W. E. Austin)	J. H. Dent, Jr.	*E. V. Todd	R. N. Hoyt	H. A. Miller	E. A. Perry	M. I. Tisher
ALASKA, Palmer	W. E. Long			T. G. Freeman	S. Rieger		
ARIZONA, Phoenix	M. E. Strong	R. S. Swensen	*G. B. Welsh	R. W. Bates	J. J. Turner	M. S. James	R. J. Cavallo
ARKANSAS, Little Rock	E. L. Roget (W. G. Johnson, Jr.)	A. J. Hough G. C. Marks	*B. T. Waldrip	M. T. Gault	L. D. Bobeck	H. C. Dean	E. A. Ellington
CALIFORNIA, Berkeley	T. P. Helseth (G. H. Stone, Jr.)		*W. W. Fox	H. D. Munk	H. T. Shogren	R. C. Huff	C. H. Buell
COLORADO, Denver	M. D. Burdick (G. S. Bridge)	R. D. Anderson	*D. B. Tootell	E. R. Sedgley	C. H. Mitchell	A. R. Hidlebaugh	G. R. Christy
CONNECTICUT, Storrs	R. L. Hilliard	G. H. Gates		R. T. Grant	W. T. Ferguson, Jr.	J. M. Allen	D. F. Rayl
DELAWARE, Dover	O. D. Fincher				E. L. Schertzler		
FLORIDA, Gainesville	H. Burns	C. N. Kearley	*H. T. Stanley	L. L. Yarlett	J. B. Livingston	R. W. Johnson	R. D. Fulmer
GEORGIA, Athens	C. W. Bartlett	J. C. Tillman R. W. Oertel	*A. D. Searcy	H. C. Cary	R. C. Robison	F. T. Ritchie, Jr.	S. R. Heys, Jr.
HAWAII, Honolulu	F. A. Haughton, Jr.	F. C. Lum			S. P. Scott		J. L. Scrivner
IDAHO, Boise	G. W. Nutt	P. W. Taylor	*C. N. Gilbert	W. B. Rumsey, Jr.	M. H. Wilkins	D. L. Gallup	A. Bonham
ILLINOIS, Champaign	H. W. Busch (D. P. Overholt)	A. L. Hanson	*R. E. Highfill	H. J. Poeschl	P. H. Christensen	L. E. Tyler	W. McCann
INDIANA, Indianapolis	T. B. Evans	R. R. Willis R. V. Hollman	*J. A. Geter	L. W. Kimberlin		R. I. Dideriksen	J. H. Spitz
IOWA, Des Moines	W. T. Moon (K. G. McManus)	H. M. Hughes	*W. J. Brune	M. G. Danielson	D. T. Bondurant	L. I. Harmon	D. K. Umel
KANSAS, Salina	L. T. Morgan (R. K. Griffin)	J. W. Tippie	*J. A. Wentz	D. R. Robertson	G. R. Smith	C. W. McBeck	L. D. Stratton
KENTUCKY, Lexington	G. E. Murray	H. D. Bradley R. S. Reynolds	*A. B. Rogers	W. B. Bryan, Jr.	J. R. Davis	R. E. Daniell	G. E. Haymond
LOUISIANA, Alexandria	J. B. Earle	O. O. Moore	*A. Mangum	W. Fallin	L. B. Agnew	D. F. Slusher	O. T. Seely
MAINE, Orono	C. T. Dinsmore	K. E. Grove	*D. A. Davis	L. H. Long	G. W. Grubb	W. J. Steputis	W. L. Mahan
MARYLAND, College Park	D. D. Hole	J. H. Gibson	*D. K. Bowen	H. E. Scholl	W. P. Weldon	R. L. Shields	I. P. Isaacs
MASSACHUSETTS, Amherst	B. Isgur	W. H. Coates	*C. E. Mills	C. G. Moustakis	D. L. Esinger	S. J. Zayach	A. L. Verdi
MICHIGAN, East Lansing	A. H. Cratty	G. C. Thola W. J. Fitzgerald	*R. S. Fellows	P. G. Skalland	L. L. Oshel	R. F. Harner	S. K. Kamminga
MINNESOTA, St. Paul	H. M. Major	W. P. Oemichen G. V. Holmberg	*E. A. Terpetra	C. W. Curtis	R. D. Wenberg	F. M. Scilley	G. A. Schultz
MISSISSIPPI, Jackson	W. L. Heard	W. C. Nelms J. M. White	*R. H. Wells	R. T. Benton	P. Forsythe	R. C. Carter	M. R. Swofford
MISSOURI, Columbia	J. V. Martin	D. C. Bivens	*J. J. Walker	O. D. Fischgrabe	J. M. Dale	J. H. Lee	R. A. Myers
MONTANA, Bozeman	A. B. Linford	A. I. Garrison, Jr.	*F. J. Schledorn	C. E. Ogle	B. B. Gemmill	J. W. Rogers	G. A. Bryant
NEBRASKA, Lincoln	K. F. Myers	L. G. Wolfe	*W. B. Patterson	H. W. Fausch	D. R. Vallcott	J. R. Culver	R. E. Giraud
NEVADA, Reno	C. A. Krall	C. L. Sundquist	*R. R. Huxtable	N. R. Ritter	V. J. Allen	E. A. Naphan	S. B. Hopper
NEW HAMPSHIRE, Durham	D. G. Burbank	E. M. Strom	*C. H. Dingle	C. S. Brown	W. A. Jolly	S. A. Pilgrim	T. H. Rogers
NEW JERSEY, Somerset	W. J. Parker	R. G. Halstead	*C. J. Price	D. R. Arrington	R. H. Marston	M. L. Markley	G. M. Castle
NEW MEXICO, Albuquerque	K. L. Williams	L. D. Barteo M. N. Boswell	*D. C. McCrossen	G. K. Desha	R. D. Thompson, Jr.	V. G. Link	H. R. Madison
NEW YORK, Syracuse	A. C. Addison	R. L. Dueterhaus	*H. S. Stamatel	J. L. Barrick	R. L. Phillips	R. L. Marshall	N. M. Reichelt
NORTH CAROLINA, Raleigh	J. L. Hicks (C. F. Bellard)	E. O. Graham	*C. L. Lehning	J. B. Hungerford	R. C. Jessup	H. J. Byrd	H. L. Lile
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OHIO, Columbus	R. E. Quilliam (C. J. Gillman)	G. Morris	*R. R. Shaw	G. E. Bernath	J. H. Harrington	D. E. McCormack	J. H. Richardson
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USDA-SCS-STATEVILLE, MD. 1971



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UNITED STATES DEPARTMENT OF AGRICULTURE  
Soil Conservation Service

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 Cruz, O. E.  
 Dollar, H. D.  
 Duffee, E. M.  
 Ford, R. D.  
 Furman, A. L.  
 Houston, T. B.  
 Howell, D. A. (LWOP)  
 Huckle, H. F.  
 Hyde, A. G.  
 Johnson, Robert W.\*  
 Law, Llovd, Jr.  
 McCollum, S. H.  
 Moore, James R.\*\*  
 Pendleton, R. F.  
 Powell, David P.\*\*  
 Roberts, Alfred (LWOP)  
 Stem, L. T.  
 Sullivan, J. L.  
 Thomas, B. P.  
 Vanatta, E. S.  
 Watts, F. C.  
 Weeks, H. H.  
 White, H. O.  
 Wittstruck, W. H.

Georgia

Blevins, M. M., Jr.  
 Bramlett, G. L.\*\*  
 Brown, J. R.  
 Brock, G. G.  
 Brooks, J. F.  
 Calhoun, J. W.  
 Carson, W. S.  
 Crabb, T. N.  
 Davis, H. T.  
 Frost, L. W., Jr.  
 Gaither, G. A.  
 Jones, S. M.  
 Jordan, D. H.  
 Little, Raymond  
 McIntyre, C. L.  
 Middleton, R. G.  
 Murphy, J. W.  
 Paulk, H. L.

Marianna  
 Gainesville  
 Lake Worth  
 Fort Lauderdale  
 Marianna  
 Lake Worth  
 Kissimmee  
 Lake City

Cocoa  
 Milton  
 Gainesville  
 Fort Lauderdale  
 Lake Worth  
 Gainesville  
 Fort Lauderdale  
 Gainesville

Lake Worth  
 Bonifay  
 Ocala  
 Wachula  
 Lake Worth  
 Milton  
 Kissimmee  
 Lake Worth

Wavcross  
 Athens  
 Statesboro  
 Elberton  
 Carrollton  
 Tifton  
 Clayton  
 Carrollton  
 Griffin  
 Thomson  
 Rome  
 Decatur  
 Dalton  
 Albany  
 Gainesville  
 Albany  
 Dublin  
 Statesboro

Georgia (continued)

Payne, H. H. Milledgeville  
 Pilkinton, J. A. Albany  
 Rigdon, T. A. Wavcross  
 PITCHIE, F. T., Jr.\* Athens  
 Robertson, S. M. Athens  
 Shaffer, M. E.\*\* Athens  
 Smith, E. H. Tifton  
 Stevens, J. G. Valdosta  
 Tate, R. J. Rome  
 Thomas, G. J., Jr. Decatur  
 Wilkes, R. L. Hinesville  
 Woods, J. C. Perry

Hawaii

Nakamura, Saku Honolulu  
 Sato, Harry H.\* Honolulu  
 (Acting)  
 Robello, Ernest, Jr. Hilo

Idaho

Barker, Raymond J. Moscow  
 Base, Steve R. Grangeville  
 Case, Charles W. Gooding  
 Chugg, Jack C. Coeur d'Alene  
 Collett, Russel Meridian  
 Daniels, D. Max\*\* Boise  
 Callun, Darrell L.\* Boise  
 Harwood, Jack O. Idaho Falls  
 Hilton, Clyde Idaho Falls  
 Jeppesen, Darwin J. Burley  
 Jorgensen, Wendell L. St. Anthony  
 Kregger, Arthur E. Coeur d'Alene  
 Logan, Glen H. Burley  
 McCarver, H. Charles Grangeville  
 Monroe, Gary A. Mountain Home  
 Moore, Elbert Coeur d'Alene  
 Muckel, Gary Burley  
 Noe, Harley Rigby  
 Perrin, Weldon C. Pocatello  
 Priest, Thomas W.\*\* Boise  
 Rasmussen, L. M. Payette  
 Salzman, Richard A. Pocatello

Illinois

Acker, L. L.  
 Awalt, F. L.  
 Busch, D. L.  
 Bushue, L. J.  
 Currie, B. E.  
 Dugan, L. A.  
 Grantham, D. P.  
 Hallbick, D. C.  
 Harris, T. S.  
 Herman, R. J.  
 Hinkley, K. C.  
 Hudelson, G. W.  
 Keller, G. T.  
 Kiefer, L. M.  
 Mapes, D. R.  
 Miles, C. C.  
 Parks, W. D.  
 Paschke, J. E.  
 Phillips, D. E.  
 Rehner, R.  
 Reinebach, L. M.  
 Scott, J. W.  
 Steinkamp, J. F.  
 Stewart, B. G.  
 Thompson, J. A.  
 Tyler, L. E.\*  
 Voss, Earl\*\*  
 Walker, G. O.\*\*  
 Wallace, D. L.  
 Weiss, B. J.  
 Young, L. C.  
 Zwicker, S. E.  
 Goddard, T. M.

Indiana

Benton, Hezekiah  
 Bernard, John  
 Blank, James R. (ML)  
 Brock, Rex  
 Brownfield, Shelby  
 Croke, John  
 Deal, Jack  
 Dideriksen, Raymond\*  
 Farmer, Denver  
 Furr, Grover  
 Gilbert, Richard  
 Hosteter, W. D.  
 Huffman, Keith  
 Kelly, Leo

E. Moline  
 Effingham  
 Rockford  
 Macomb  
 Kankakee  
 E. Moline  
 Edwardsville  
 Champaign  
 Kankakee  
 Carbondale  
 Batavia  
 Lincoln  
 Batavia  
 Harrisburg  
 Lisle  
 Carbondale  
 Carbondale  
 Kankakee  
 Vandalia  
 Sterling  
 Kankakee  
 Springfield  
 Quincy  
 Batavia  
 Rockford  
 Champaign  
 Champaign  
 Urbana  
 Edwardsville  
 Harrisburg  
 Batavia  
 Rockford  
 Lincoln

South Bend  
 South Bend  
  
 Peru  
 North Vernon  
 Indianapolis  
 Peru  
 Indianapolis  
 Huntington  
 North Vernon  
 Indianapolis  
 Aurora  
 Muncie  
 Vincennes

Indiana (continued)

Kirschner, Frank  
 Langlois, Karl  
 McCarter, Paul  
 Montgomery, Bob  
 Nickell, Allan  
 Persinger, Ival  
 Pirtle, Bobby  
 Peusch, Don  
 Revbold, William U.\*\*  
 Rivera, Arturo  
 Robards, Mac  
 Robbins, John  
 Sanders, Frank\*\*  
 Shively, Jerold  
 Staley, Larry  
 Sturm, Ralph  
 Tanaka, Gordon  
 Thomas, Jerry  
 Wingard, Robert

Kendallville  
 Monticello  
 Albion  
 Valparaiso  
 Madison  
 Plymouth  
 Muncie  
 Greenfield  
 Indianapolis  
 Terre Haute  
 Indianapolis  
 Greencastle  
 Indianapolis  
 Boonville  
 Warsaw  
 Franklin  
 Muncie  
 Pensselaer  
 Paoli

Iowa

Andrews, Wells F.  
 Boeckman, Louis A.  
 Branham, Charles  
 Bright, Haskell H.  
 Brown, Melvin D.  
 Brvant, Arthur A.  
 Buckner, Russell L.  
 Clark, Lewis A.  
 Clements, James M.  
 Crocker, Edwin G.  
 Dankert, Wayne  
 Davis, Lyle  
 Finley, Richard  
 DeWitt Thomas A.  
 Fisher, Charles S.\*\*  
 Fouts, William L.  
 Frederick, Wayne D.  
 Hansen, Laurence T.  
 Harmon, Harvey A.  
 Harmon, Lacy I.\*  
 Harvey, Elmer H.  
 Highland, John D.\*\*  
 Jensen, Rodney L.  
 Johnson, Larry K.  
 Johnson, Norman L.  
 Jones, Robert G.  
 Kiepe, Charles

Grundy Center  
 Creston  
 Grundy Center  
 Iowa City  
 Vinton  
 Indianola  
 Charles City  
 Shenandoah  
 Knoxville  
 Storm Lake  
 Rock Rapids  
 Waterloo  
 Sac City  
 Mason City  
 Ames  
 Waterloo  
 DeWitt  
 Rock Rapids  
 Spencer  
 Des Moines  
 Newton  
 Ames  
 Emmetsburg  
 DeWitt  
 Hampton  
 Emmetsburg  
 Donnellson

Iowa (continued)

Koppen, Maynard P.  
 Kuehl, Ronald J.  
 Lindgren, Gary A.  
 Lockridge, L. Dale  
 McWilliams, Kendall M.  
 Merchant, Patrick C.  
 Nestrud, Lorne M.  
 Nixon, John  
 Oelman, Douglas B.  
 Peterson, Bryan C.  
 Probst, Steven  
 Reeves, David  
 Russell, Robert C.  
 Schermerhorn, Edward J.  
 Seaholm, James E.  
 Sherwood, Max A.  
 Trickler, Darryl  
 Voy, Kermit D.  
 Warren, Robert L.  
 Weiman, Michael  
 Williamson Neal D.  
 Wisner, Robin J.  
 Worster, John R.\*\*

Kansas

Abmeyer, Walter  
 Angell, Raymond C.  
 Atkinson, C. Harry 1/  
 Barker, Wesley L.  
 Bell, Elbert L.  
 Boatright, William C.  
 Campbell, Howard V.  
 Dickey, Harold P.  
 Dodge, Darold A.  
 Ferwick, Richard W. \*\*  
 Fleming, Edward L.  
 Gier, Donald A. (EL)  
 Glaum, Stanley A.  
 Glover, Robert K.  
 Haberman, Roger Lee\*\*  
 Hamilton, Vernon L.  
 Hoffman, Bruce R.  
 Horsch, Marcellus L.  
 Jantz, Donald R.  
 Kutnink, Paul R.  
 McBee, Charles W.\*  
 Neill, James T.

Sac City  
 West Union  
 West Union  
 Fairfield  
 Shenandoah  
 Vinton  
 Newton  
 Creston  
 Newton  
 Greenfield  
 Vinton  
 Indianola  
 Knoxville  
 Iowa City  
 Storm Lake  
 Greenfield  
 Grundy Center  
 Hampton  
 Greenfield  
 Indianola  
 Iowa City  
 Sac City  
 Ames

Topeka  
 Cove  
 Minneapolis  
 Colby  
 Sedan  
 Leavenworth  
 Holton  
 Lawrence  
 Medicine Lodge  
 Salina  
 Iola  
 Kingman  
 Greensburg  
 Salina  
 Smith Center  
 Kingman  
 Winfield  
 Abilene  
 Independence  
 Salina  
 Emporia

Kansas (continued)

Palmer, Cecil D.  
 Penner, Harold L.  
 Plinsky, Robert O.  
 Ratcliff, Ivan W., Jr.  
 Roth, William E.  
 Rott, Donald E.  
 Rowland, Harold T.  
 Saffrv, Orville W.  
 Sallee, Kenneth H.  
 Swanson, Deane W.  
 Tomasu, Bob I.  
 Zavesky, Larrv D.  
 Zimmerman, Jerome L.

Norton  
 Wichita  
 Olathe  
 Wellington  
 Larned  
 LaCrosse  
 Oskaloosa  
 Abilene  
 Garnett  
 Yates Center  
 Meade  
 Leavenworth  
 Lawrence

Kentucky

Arms, Fred S.  
 Barton, Arlin J.  
 Converse, Henry T.  
 Cox, Frank R., Jr.  
 Craddock, William H.  
 Daniell, Robert E.\*  
 Dovak, John L.  
 Dye, James W.  
 Fehr, James P.  
 Forsythe, Rudy  
 Froedge, Ronald D.  
 Hail, Carl W.  
 Hayes, Raymond A.  
 Humphrey, Maurice E.  
 Jacobs, Eullas H.  
 Johnson, Albert S.  
 Latham, Earle E.  
 Leathers, Thomas R.  
 Love, Paul M.  
 McDonald, Herman P.  
 Mitchell, Michael  
 Newton, John N.\*\*  
 Richardson, Alfred J.  
 Ross, James C.  
 Simms, Ravrond P.\*\*  
 Stapp, Junius C.  
 Taylor, John L.  
 Weisenberger, Billy C.  
 Williams, Paul E. (LWOP)  
 Wilson, Byron L.

Bardstown  
 Russellville  
 Greenville  
 Owensboro  
 Hopkinsville  
 Lexington  
 Lexington  
 Bowling Green  
 Madisonville  
 Ashland  
 Hopkinsville  
 Ashland  
 Eddyville  
 Mayfield  
 Madisonville  
 Somerset  
 Glasgow  
 Jackson  
 Morehead  
 Lexington  
 Bardstown  
 Lexington  
 Cynthiana  
 London  
 Lexington  
 Jamestown  
 Hardinsburg  
 Williamsstown  
 Elizabethtown

1/ Joint employee with the Kansas State  
 Agricultural Experiment Station.

Louisiana

Allen, Ellis Thurman  
 Boyd, William H. (ML)  
 Butler, Clyde L.  
 Clark, Henry L.  
 Cockerham, Waren L.\*\*  
 Dance, R. E.  
 Edwards, Jimmy P.  
 Griffis, Billy J.  
 Hargroder, Terry G. (EL)  
 Kerr, Alexander J., Jr.  
 Kilpatrick, Wayne  
 Loftin, L. L.\*\*  
 Magoun, Jerol W.  
 Martin, Charles  
 Matthews, Stanley  
 Milton, Kent R. (ML)  
 Powell, John  
 Reynolds, Emmett  
 Roy, A. J.  
 Scott, Lester L.  
 Slusher, David F.\*  
 Smith, Terry J.  
 Spicer, Bradley  
 Touchet, B. Arville  
 Venson, Ronnie  
 Weems, Tracey A.  
 White, Almond G.

Maine

Arno, John R.  
 Babcock, Richard  
 Bailey, Manley H.  
 Brown, Darrell  
 Clark, Donald  
 Crane, Peter  
 Faust, Albert  
 Field, Sandra  
 Flewelling, Lawrence  
 Hedstrom, Gary  
 Jordan, Glendon  
 Kalloch, Norman  
 LaFlamme, Kenneth J.  
 Lisante, Robert H.  
 McEwen, Bryce  
 Nelson, Dana  
 Polchlopek, Walter  
 Steputis, Walter J.\*  
 Titcomb, Edward  
 Verrill, Dwight B.  
 Willey, Roslyn B.

Tallulah  
 Natchitoches  
 Crowley  
 Alexandria  
 Donaldsonville  
 Shreveport  
 Alexandria  
 Alexandria  
 Shreveport  
 Alexandria  
 Coushatta  
 Winnsboro  
 Baton Rouge  
 Alexandria  
 Tallulah  
 Jennings  
 Lafayette  
 Alexandria  
 Tallulah  
 Baton Rouge  
 Lafayette  
 Tallulah  
 Tallulah  
 Lafayette

Dover-Foxcroft  
 South Paris  
 Rockland  
 Machias  
 Ellsworth  
 Belfast  
 Augusta  
 Ellsworth  
 Sanford  
 Rockland  
 Machias  
 Farmington  
 Ellsworth  
 Sanford  
 Auburn  
 Belfast  
 Bangor  
 Orono  
 Belfast  
 Farmington  
 Machias

Maryland

Gibson, Joseph W.  
 Hall, Richard L.  
 Matthews, Earle D.\*\*  
 Shields, Robert L.\*  
 Smith, Horace W.  
 Leonardtown  
 La Plata  
 College Park  
 College Park  
 Cockskeyville

Massachusetts

Ferwerda, J.A.\*\*  
 Francis, E. L.  
 Fuller, D. C.  
 Hotz, C. F.  
 Mott, J. R.  
 Roffinoli, R. J.  
 Scanu, R. J.  
 Swanson, E. I.  
 Thompson, B. W.  
 Upham, C. W.  
 Zayach, S. J.\*  
 Amherst  
 Acton  
 Hathorne  
 Holden  
 Hadley  
 Middleboro  
 Pittsfield  
 Hadley  
 Acton  
 Middleboro  
 Amherst

Michigan

Austin, F. R.  
 Berndt, L. W.  
 Bowman, W. L.  
 Buchanan, D. E.  
 Corder, P. G.  
 Earle, Guy H.\*\*  
 Feenstra, J. E.  
 Gibbs, D. F.  
 Harner, Rodney F.  
 Hicks, R. N. E.  
 Holcomb, S. G.  
 Irvine, A. W.\*\*\*  
 Landtiser, G. R.  
 Larson, J. D.  
 Larson, R. L.  
 Lietzke, D. A.  
 Mettert, W. K.  
 Parker, A. L. (ML)  
 Pregitzer, K. E.  
 Sanders, T. E.  
 Sinclair, Raymond\*\*  
 Stroesenreuther, N.  
 Weesies, G. A.  
 Kalamazoo  
 Marquette  
 Ann Arbor  
 Traverse City  
 Wayne  
 East Lansing  
 Alma  
 East Lansing  
 East Lansing  
 East Lansing  
 Grayling  
 East Lansing  
 East Lansing  
 Wayne  
 Traverse City  
 Paw Paw  
 Flint  
 Grand Rapids  
 Midland  
 East Lansing  
 Ann Arbor  
 East Lansing



Minnesota

Aas, Ward J.  
 Barron, Donald D.  
 Bruns, Edward L. \*\*  
 Carlson, Carroll R.  
 Chamberlain, Leon M.  
 Christensen, Keith  
 Cummins, Joseph F. \*\*  
 DeMartelaere, D. E.  
 Diedrick, Raymond T.  
 Dykhuizen, Duane R.  
 Finney, Harlan R. \*\*  
 Gustafson, Allan R.  
 Harries, John C.  
 Hokanson, Hilding L.  
 Jackson, Thomas C.  
 Jacobson, Malvern N.  
 Lewis, Royce R.  
 Lorenzen, Francis D.  
 Lueth, Robert A.  
 Murray, James J.  
 Nyberg, Paul R. C.  
 Paulson, Richard O.  
 Poch, George A.  
 Quast, Lynn H.  
 Saari, Charles T.  
 Sharp, Jerry A.  
 Sutton, Charles K.  
 Tordsen, John F.  
 Vinar, Kenneth R. (ML)  
 Webster, David J.  
 Whitaker, Orville J.  
 Scilley, Francis M. \*

Mississippi

Allgood, Velton C.  
 Brent, Floyd V.  
 Bright, William E.  
 Byers, Kenneth H.  
 Carter, Richard C. \*  
 Cole, William A.  
 Dangerfield, Celly (ML)  
 Davis, Rex E.  
 Galberry, Henry S.  
 Hale, Lloyd B.  
 Huddleston, Jerry S.  
 Keyes, John W.  
 Koos, William M. \*\*  
 Lane, Henry C.

Thief River Falls  
 Thief River Falls  
 St. Paul  
 Owatonna  
 St. Cloud  
 Marshall  
 St. Peter  
 Alexandria  
 Fergus Falls  
 Albert Lea  
 St. Paul  
 Marshall  
 Alexandria  
 Marshall  
 Thief River Falls  
 Thief River Falls  
 Duluth  
 Marshall  
 Golden Valley  
 St. Peter  
 Grand Rapids  
 St. Peter  
 Rochester  
 St. Cloud  
 Rochester  
 Barnum  
 St. Cloud  
 Fergus Falls  
  
 Fergus Falls  
 Albert Lea  
 St. Paul

Lucedale  
 State College  
 Tupelo  
 Hattiesburg  
 Jackson  
 Jackson AO

Hattiesburg  
 Philadelphia  
 Gulfport  
 Grenada  
 Jackson AO  
 Jackson  
 New Albany

Mississippi (continued)

Leggett, Albert R. Columbia  
 McMullen, James W. Eupora  
 Milbrandt, Allen C. Brookhaven  
 Miller, Karl H. Tupelo  
 Morris, William M. Natchez  
 Murphree, Leland C. Okolona  
 Neal, Huel L. Bay Springs  
 Parker, William B. \*\* Jackson  
 Roberts, Johnny (ML) Okolona  
 Scott, Frank T. Yazoo City  
 Smith, William I. Gulfport  
 Thomas, Abraham E. Grenada  
 Walton, Lloyd B. Yazoo City  
 Wynn, Addison W., Jr. New Albany

Missouri

Aldrich, Max W. Mt. Vernon  
 Benham, Kenneth E. Warrenton  
 Brown, Burton L. New Madrid  
 Daugherty, Leroy H. (EL)  
 Dodd, Jerry A. Fulton  
 Gilbert, Fred L. \*\* Columbia  
 Graves, Lewis H. Doniphan  
 Gurley, Phil D. New Madrid  
 Guthrie, Richard L. \*\* Columbia  
 Held, Robert J. Warrenton  
 Hughes, Harold E. Bolivar  
 Jeffrey, Allan H. Liberty  
 Kintner, Galen E. Bethany  
 Lee, James H. \* Columbia  
 Minor, Paul E. Kirksville  
 Preston, George D. Nevada  
 Robertson, George D. Hartville  
 Simmons, George T. Warrensburg  
 Sparkman, Billy E. Nevada  
 Watson, F. Conrad Hannibal  
 Wolf, David W. Mt. Vernon

Montana

Anderson, Arial Chinook  
 Bingham, LaMonte C. Glasgow  
 Clark, Clair O. Great Falls  
 Cloninger, John R. Polson  
 Daniels, Lewis A. Glasgow  
 Decker, Gordon L. Bozeman  
 Dunmire, Ralph G. Missoula

Montana (continued)

Farnsworth, Dean H.  
 Gray, Laverne  
 Haigh, June G.  
 Haub, Mervyn  
 Hilts, George B.  
 Hogan, E. K.  
 Holder, Tommie\*\*  
 Hunter, Harold E.  
 Larsen, Wesley M.  
 Meshnick, James C.  
 Moshier, Ronald L.\*\*  
 Olsen, J. A.  
 Parker, John L.  
 Pescador, Pedro  
 Richardson, Robert E.  
 Rogers, Jack W.\*  
 Seago, J. B.  
 Smith, James H.  
 Weight, Brent N.

Great Falls  
 Lewistown  
 Bozeman  
 Helena  
 Chinook  
 Lewistown  
 Bozeman  
 Missoula  
 Miles City  
 Hardin  
 Bozeman  
 Helena  
 Columbus  
 Sidney  
 Plentywood  
 Bozeman  
 Polson  
 Glasgow  
 Great Falls

Nebraska

Bartlett, Paul  
 Bowman, Gilbert  
 Brown, Larry  
 Buller, Louis L.\*\*  
 Cotter, Charles  
 Culver, James P.\*  
 DaMoude, Dean  
 Fausch, Michael  
 Gengenbach, Dale  
 Hammer, Roger  
 Hammond, Charles  
 Hoppes, Ronald  
 Indra, Orville  
 Kerl, Donald  
 Kollmorgen, Herbert L.\*\*  
 Manke, Charles  
 Paden, Harry  
 Plantz, Merrit  
 Pollock, Robert  
 Quandt, Loyal  
 Ragon, Larry  
 Rieke, Duane  
 Sautter, Howard  
 Schulte, Ronald  
 Seevers, Vernon  
 Sherfey, Lester  
 Slama, Norman  
 Yost, Don

Fremont  
 North Platte  
 Broken Bow  
 Lincoln  
 Broken Bow  
 Lincoln  
 West Point  
 Crawford  
 Bridgeport  
 Neligh  
 Albion  
 McCook  
 O'Neill  
 Wayne  
 Lincoln  
 Neligh  
 Franklin  
 Ainsworth  
 Hebron  
 Lincoln  
 Crawford  
 Beaver City  
 Syracuse  
 Creighton  
 York  
 Mullen  
 Wakefield  
 Lincoln

Nevada

Archer, Warren, M.  
 Bagley, Donald G.\*\*  
 Borup, Harry J.  
 Candland, David M.  
 Dollarhide, Wm. E.  
 Larsen, Leland I.  
 Mitchell, Wayburn  
 Naphan, E. A.\*  
 Rooke, Lloyd  
 Spencer, Eddie L.\*\*  
 Staidl, George J.  
 Summerfield, Harry B.  
 Wilde, Russell M.

Yerington  
 Reno  
 Caliente  
 Tonapah  
 Reno  
 Ely  
 Ely  
 Reno  
 Las Vegas  
 Reno  
 Battle Mountain  
 Reno  
 Yerington

New Hampshire

Bond, Richard W.  
 Dellinger, Carl E.  
 Diers, Richard  
 Douglas, Walter W.  
 Pilgrim, Sidney A.L.\*  
 Shook, Roy A. Jr.  
 Vieira, Frank J.\*\*

Milford  
 Woodsville  
 Conway  
 Conway  
 Durham  
 Claremont  
 Durham

New Jersey

Eby, Carl\*\*  
 Fletcher, Sylvester  
 Hole, Thornton  
 Jablonski, Clarence  
 Johnson, John  
 Kirkham, Wendell\*\*  
 Markley, Marco L.\*  
 Powley, Van R.  
 Seglin, Lester

Somerset  
 Hackettstown  
 Mays Landing  
 Toms River  
 Mays Landing  
 Somerset  
 Somerset  
 Bridgeton  
 Morristown

New Mexico

Anderson, George W.  
 Bayer, James T.  
 Bulloch, H. E.  
 Chastain, Clement L.  
 Derr, Phillip S.  
 Downs, Joseph M.  
 Folks, James J.  
 Hacker, Leroy W.  
 Henderson, Warren G. (ML)  
 Hilley, Terry E.  
 Hodson, Max  
 Keetch, C. Wesley

Raton  
 Chama  
 Aztec  
 Las Cruces  
 Alamogordo  
 Socorro  
 Albuquerque  
 Roswell  
 Raton  
 Roswell  
 Aztec



New Mexico (continued)

Link, Victor G.\*  
 Maxwell, Harold B.  
 Neher, Raymond E.  
 Pease, Douglas S.\*\*  
 Roath, Archie J.  
 Rylaarsdam, David H.(ML)  
 Salinas, Jose M., Jr.  
 Seay, Billy D.\*\*  
 Shade, Stephen P.  
 Simmacher, Gerald H. (ML)

Albuquerque  
 Clayton  
 Las Cruces  
 Albuquerque  
 Las Cruces  
 Las Cruces  
 Albuquerque  
 Clayton

New York

Ballagh, Thomas M.(ML)  
 Broad, William A.  
 Brown, James H.  
 Case, Roger J.  
 Crandall, Leslie  
 Crowe, Robert L. (ML)  
 Davis, Leon B.  
 Fedak, Theodore \*\*\*  
 Flora, Donald F.\*\*  
 French, Lewis M.  
 Goodman, Seymour D.  
 Hanna, Willis E. (EL)  
 Hansen, Harold L.  
 Higgins, Bradford A.  
 Holman, Pred D. (ML)  
 Holmes, Robert L. V.  
 Hutton, Frank Z.  
 Kick, Leslie W.\*\*  
 Krawiecki, Val J.  
 Kuhl, Arthur D.  
 Landry, Robert J.  
 Laux, Burton R.  
 Maine, Charles H.  
 Marshall, Raymond L.\*  
 McDowell, Letember  
 Neeley, John A.  
 Olsson, Karl S.  
 Parsons, Russell A.  
 Picarelli, Charles J.  
 Pittman, Willie L.  
 Post, Gerald J.  
 Puglia, Paul S.  
 Rice, C. Erwin  
 Seifried, Stefan T.  
 Taylor, William H.  
 Tornes, Lawrence A.  
 Warner, John W., Jr.\*\*  
 Winkley, Harvell E.  
 Work, Ralph  
 Wulforst, John P.

Bath  
 Kingston  
 Sodus  
 Kingston  
 Fultonville  
 Syracuse  
 Syracuse  
 Bath  
 Katonah  
 Norwich  
 Albion  
 Lake George  
 Syracuse  
 Syracuse  
 Fultonville  
 Little Valley  
 Albany  
 Middletown  
 Lake George  
 Syracuse  
 Watertown  
 Sodus  
 Wynantskill  
 Oswego  
 Katonah  
 Middletown  
 Utica  
 Albion  
 Syracuse WU  
 Middletown  
 Lake George  
 Kingston  
 Syracuse  
 Wynantskill  
 Fultonville  
 East Aurora

North Carolina

Barnhill, William L.  
 Birdwell, Bobby T.\*\*  
 Bostian, Marcus R.  
 Brandon, C. E.  
 Brewer, Edward O.  
 Brown, Robert M.  
 Byrd, Hubert J.\*  
 Cassavant, Ed  
 Cawthron, J. W.  
 Covington, Joe P.  
 Dunn, James  
 Fields, Glenwood  
 Goodwin, Roy A., Jr.  
 Hearn, Sam H.  
 Horton, R. E.\*\*  
 Hunt, Henry S.  
 King, John M., Jr.  
 Kirby, Robert M.  
 Lynn, W. Everett  
 McCachren, Clifford M.  
 Meadows, John A.  
 Shope, William I.  
 Spruill, Willie E.  
 Stephens, Ronald B.  
 Turpin, John W.  
 Weaver, Arlin  
 Woody, William E.

Goldsboro  
 Greensboro  
 Greensboro  
 Wilmington  
 Wilkesboro  
 Wilkesboro  
 Raleigh  
 Durham  
 Raleigh  
 Edenton  
 Tarboro  
 Tarboro  
 Tarboro  
 Salisbury  
 Lumberton  
 Lumberton  
 Waynesville  
 Hillsborough  
 Tarboro  
 Lumberton  
 New Bern  
 Henderson  
 Lumberton  
 Greensboro  
 Waynesville  
 Whiteville  
 Raleigh

North Dakota

Anderson, Truman  
 Bahr, A. Francis\*\*  
 Baker, Bertram C.  
 Brockmann, Lester C.  
 Dahl, Robert H.  
 Evenson, Eldon H.  
 Farris, Cornelius G. Jr.  
 Freymiller, Wm. F.  
 Hetzler, Robert L.  
 Howey, Robert L.  
 Joos, Lloyd L.\*\*  
 Kukowski, Richard J.  
 Larson, Stuart J.  
 Miller, F. Ted\*  
 Opdahl, Donald D.  
 Petersen, Terry R.  
 Prochnow, Norman D.  
 Strum, James F.  
 Thiele, James H.  
 Thompson, Donald G.  
 Thompson, Kenneth W.  
 Weiser, Paul K.

Washburn  
 Bismarck  
 Dickinson  
 Washburn  
 Devils Lake  
 Jamestown  
 Williston  
 Bismarck  
 Grafton  
 Minot  
 Bismarck  
 Beach  
 Grand Forks  
 Bismarck  
 New England  
 Valley City  
 Hillsboro  
 Linton  
 Bowbells  
 Fargo  
 Langdon  
 Hazen

North Dakota (Continued)

Wilhelm, Francis J.  
Wright, M. Robert

Ohio

Borton, G. W. (ML)  
Bottrell, G. D.  
Brown, D. L.  
Brug, W. H.  
Bureau, M. F.  
Dunlavy, J. T.  
Fletcher, E. C.  
Gerken, J. C.  
Hale, W. F.  
Hayburst, E. N.  
Innis, C. H.  
Jenny, P.  
Kelley, G. E.  
Lehman, S.  
Leigh, R.  
Lerch, N. K.  
Lessig, H. D.  
Matanzo, F.  
McCormack, D. E.\*  
McLoda, N. A.  
Meeker, R. L.\*\*  
Milliron, E.  
Post, G. J.\*\*  
Raines, W. A.  
Redmond, C. E.  
Reese, P. W.  
Rubel, T. N.  
Schafer, G. M.\*\*  
Shumate, W. H.  
Siegenthaler, V. L.  
Steiger, J. R.  
Stone, K. L.  
Thatcher, J. N.  
Vann, J. R.

Oklahoma

Abernathy, Edward  
Allgood, Ferris  
Bain, Ruel  
Bartolina, Donald G.  
Bogard, Vinson  
Bourlier, Bobby G.  
Brinlee, R. C.  
Burgess, Dent  
Cole, Everett

Hazen  
New Rockford

Troy  
Ashland  
Bucyrus  
Wooster  
Chesterland  
Defiance  
Bryan  
Hamilton  
Medina  
Tiffin  
Bryan  
Coshocton  
Troy  
Troy  
Hamilton  
Athens  
Troy  
Columbus  
Columbus  
Columbus  
Medina  
Columbus  
Ashland  
Ashland  
Cortland  
Marietta  
Columbus  
Athens  
Troy  
Bucyrus  
Bryan  
Chesterland  
Columbus

Poteau  
Eufaula  
Antlers  
Tulsa  
Pauls Valley  
Pawhuska  
Wilburton  
Tishomingo  
Durant

Oklahoma (continued)

Dries, Fred J.\*\*  
Fielder, A. G.  
Fisher, Carl  
Frie, Jimmie W.\*\*  
Henson, Odos G.  
Hill, Elmer\*\*  
LaMar, Otho W.  
Long, Roscoe  
Mavhugh, Richard  
Moebius, Gordon  
Moffatt, Harold  
Nance, Earl\*\*  
Otsuki, Henry\*  
Polone, D. J.  
Reasoner, Robert  
Ringwald, W. J.  
Shingleton, Lyle  
Swafford, B. G.  
Waterson, Anderson  
Williams, Glen

Stillwater  
Chickasha  
El Reno  
Stillwater  
Clinton  
Stillwater  
Hobart  
Muskogee  
Shawnee  
Ardmore  
Cordell  
McAlester  
Stillwater  
Claremore  
Hugo  
Pawhuska  
Atoka  
Tulsa  
Atoka  
Cherokee

Oregon

Ames, Dal F.  
Bowlsby, Clyde C. \*\*\*  
Cahoon, Joe S.  
Dallin, Terry A.  
Dyksterhuis, Eugene L.  
Garland, Craig W.  
Gelderman, F. W.  
Gerig, Allen J.  
Green, George L.  
Herriman, Richard C.  
Hill, William W.\*  
Hosler, Richard E.  
Kienzle, R. James (EL)  
Knezevich, Clarence A.  
Lindsay, Grant M.  
Lovell, Burrell B.  
Mayko, R. W.\*\*  
Ness, Arnold O.\*\*  
Otte, George E.  
Parsons, Roger B.\*\*  
Patching, William R.  
Pearson, Nicholas N.  
Rother, Earle W.  
Setness, Duane K.  
Smith, Phillip R.  
Smythe, Richard T.  
Taylor, Don R.  
Tribe, John P.

The Dalles  
Portland  
Klamath Falls  
The Dalles  
Canyon City  
Eugene  
Coquille  
Medford  
The Dalles  
Medford  
Portland  
Canyon City  
Corvallis  
Baker  
Vale  
Portland  
Portland  
Hillsboro  
Corvallis  
Eugene  
Corvallis  
Medford  
Hillsboro  
Eugene  
Hillsboro  
Coquille  
Klamath Falls

Pennsylvania

Backer, Albert D.	Ridgway
Belz, David J.	Pittsburgh
Braker, William L.	Clearfield
Bush, R. Dennis	Dallas
Cerutti, James R.	Warren
Churchill, Norman J.	Franklin
Craft, Thomas J.	Huntingdon
Echenrode, Joseph J.	Tunkhannock
Ekart, Sylvester C.	Somerset
Farley, Dr. William H.	Lewistown
Greenawalt, John W.	Bellefonte
Grice, D. Gene**	Somerset
Grubb, Robert G.	Towanda
Guernsey, Carl W.**	Harrisburg
Haagen, John T.	Ridgway
Hallowich, Joseph S.	Dallas
Holzer, Donald B.	Clarks Summit
Jensen, Ernest L.	Clearfield
Kohler, Clifford D.	Williamsport
Kopas, Frank A.	Schuylkill
Lanyon, Leslie E. (ML)	
Latshaw, Gerald J.**	Harrisburg
Lipscomb, Garland H.	Stroudsburg
Martin, George D.	Honesdale
Merkel, Edward J.	Hollidaysburg
Newbury, Raymond L.	Pittsburgh
Noll, John J.*	Harrisburg
Parrish, Paul H.	Middleburg
Rayburn, James B.	Wellsboro
Reber, Earl J.	Somerset
Richard, Gerald L.	Bellefonte
Sautter, Edward H.**	Bloomsburg
Smith, Robert V.	Butler
Speir, Reginald	Bedford
Tompkins, Edward A.	Lebanon
Weaver, Jay B.	Washington
Wolf, Barrie	Beaver
Yaworski, Michael	Meadville
Yoder, Gerald D.	Lewistown
Yost, David L.	Ebensburg
Zarichansky, John	Carlisle

Puerto Rico

Acevedo-Ramos, Gilberto	Arecibo
Boocheaiamp, Rafael A.	San Juan
Francia-Rivera, William	San Juan
Gierbolini, Roberto E.	Arecibo
Rivera, Luis H.*	San Juan
Torres-Más, Joaquin	Arecibo
Torres-Ricci, Guillermo	San Juan

Puerto Rico (continued)

Trigo, Julio E.	San Juan
Santana, Angle	Arecibo

Rhode Island

Spangler, Daniel G.	East Greenwich
Stuart, Everett C.A.	East Greenwich

South Carolina

Allen, J. H.	Columbia
Byrd, H. S.	Anderson
Camp, W. J.	Laurens
Cocker, J. L.	Chester
Craft, R. W.	Greenville
Dudlev, T. R.	Marion
Ellerbe, C. M.*	Columbia
Fleming, W. H.	Laurens
Gerald, T. R.	Manning
Herren, E. C.	Marion
Lawrence, C. B.	Columbia
Long, B. M.	Moncks Corner
Meetze, J. C.	Chester
Monts, D. D.	Orangeburg
Pitts, J. J.	Florence
Rogers, V. A.	Orangeburg
Steedly, W. M.	Ridgeland
Stuck, W. M.	Walterboro
Stuckey, B. N., Jr.	Manning
Wakefield, J. B., Jr.	Aiken
Ware, C. B.	Walterboro
Wells, R. D.**	Columbia

South Dakota

Bannister, Donald L.*	Huron
Borchers, Glenn A.	Huron
Driessen, James L.	Canton
Ensz, Edgar H.	Ipswich
Heil, Dennis M.	Huron
Heil, Kenneth J.	Mobridge
Johnson, Paul R.**	Huron
Johnson, Warren F.	Mitchell
Kalvels, John	Mobridge
Kost, Merle M.	Aberdeen
LaCompte, Michael J.	Aberdeen
Meland, Arvid C.	Sturgis
Miller, Kenneth F.	Sisseton
Ollila, Toivo J.	Sturgis
Parmeter, Adrian A.	Lake Andes
Radeke, Robert E.	Rapid City

South Dakota (continued)

Schultz, Loren D.  
 Smalley, Miles W.  
 Springer, Robert F.  
 Schumacher, Thomas M.  
 Ward, Elmer F.  
 Wiesner, C. Howard

Aberdeen  
 Pierre  
 Winner  
 Ipswich  
 Mitchell  
 Bison

Tennessee

Breinig, Clarence B.\*  
 Brown, W. T.  
 Campbell, J. F.  
 Clement, A. B.  
 Conner, Clarence T.  
 Cothran, J. B.  
 Elder, Joe\*\*  
 Flatt, L. W.  
 Hall, W. G.  
 Hinton, Bobby  
 Hogan, C. A.  
 Jackson, B. W.  
 Jackson, W. C.  
 Keathley, G. L.  
 Lampley, E. T.  
 Longwell, T. J.  
 McCowan, Carlie  
 Money-maker, R. H.  
 Moore, C. L.  
 Moore, Roy K.  
 North, Olin  
 Powers, Charles\*\*  
 Steele, P. T.  
 True, J. C.  
 Warren, R. B.  
 Moffitt, William C.

Nashville  
 Jackson  
 Sparta  
 Milan  
 Jackson  
 Nashville  
 Nashville  
 Columbia  
 Madisonville  
 Nashville  
 Cookeville  
 Madisonville  
 Murfreesboro  
 Jackson  
 Selmer  
 Knoxville  
 Rogersville  
 Knoxville  
 Rogersville  
 Sparta  
 Selmer  
 Nashville  
 Nashville  
 Murfreesboro  
 Cleveland  
 Sparta

Texas

Allen, Milton  
 Allison, John E.  
 Arriaga, Daniel  
 Bade, Norman P.  
 Baker, Frank E.  
 Batte, Charles D.  
 Blackstock, Dan A.  
 Blakley, Earl R.\*\*  
 Blankenship, Dolman A.  
 Blum, Ervin  
 Botts, Oral L.  
 Bower, James E.  
 Brooks, Charles A.  
 Bruns, Herbert E.

Mt. Pleasant  
 Burnet  
 Eagle Pass  
 Seguin  
 Bastrop  
 Jasper  
 Lubbock  
 Lubbock  
 La Grange  
 Sterling City  
 Baird  
 Victoria  
 Hillsboro  
 Hereford

Texas (continued)

Bruns, Roy H. L.  
 Bynum, Otto W.  
 Cail, Charles R.  
 Castille, Joseph J.  
 Chervenka, Woodrow G.  
 Clower, Dennis F.  
 Coburn, Winfred C.  
 Cochran, Rex A.  
 Coffee, Daniel R.  
 Conner, Nathaniel R.  
 Crenwelge, Gerald W.  
 Crout, Jack D.  
 Cyprian, Thomas E.  
 Deike, Michael L.  
 Deshotels, Jesse D. III  
 Dittmore, Wm. Jr.  
 Dittmar, Glenn W.  
 Dixon, Marvin L.  
 Dolezel, Raymond  
 Flores, Plinio H.  
 Ford, Alan R.  
 Fox, Richard W.  
 Fuchs, Charles R.  
 Galloway, Thomas L.  
 Geiger, Luther C.  
 Girdner, Charles L.\*\*  
 Goedel, Auline R.  
 Greenwade, James M.  
 Guckian, William J.  
 Hailey, Reland B.  
 Hatherly, Don T.  
 Hensell, James L.  
 Hill, Ralph H.  
 Huckabee, John W.  
 Jaco, Hubert B.  
 Jacobs, Jerry L.  
 Kelley, J. David  
 Kendrick, Billy W.  
 Lane, Gaylon L.  
 Lowther, Audrey C.  
 McClintock, Wm. R., Jr.  
 McEwen, Harry F.  
 McKee, Gordon S.\*  
 Meade, Wm. D.  
 Miller, Wm. M.\*\*  
 Minzenmayer, Fred E.  
 Moore, Joe D.  
 Mowery, Irvin C.\*\*  
 Neitsch, Conrad L.  
 Newman, Allen L.\*\*  
 Pauls, Edward W.

Hallettsville  
 San Saba  
 Gainesville  
 Huntsville  
 Brenham  
 Jacksboro  
 Glen Rose  
 Gainesville  
 Ft. Worth  
 Abilene  
 Corsicana  
 Rosenberg  
 Victoria  
 Hondo  
 Liberty  
 Fredericksburg  
 Hondo  
 Big Spring  
 Nacogdoches  
 Fort Stockton  
 Denton  
 Dalhart  
 Nacogdoches  
 Lufkin  
 Amarillo  
 Austin  
 Henrietta  
 Mineral Wells  
 Beeville  
 Baird  
 Rosenberg  
 Fredericksburg  
 Ft. Worth  
 Temple  
 Pecos  
 Edinburg  
 Brownwood  
 Comanche  
 Sulphur Springs  
 Lockhart  
 Huntsville  
 Livingston  
 Temple  
 Corsicana  
 Temple  
 Corsicana  
 Stephenville  
 Victoria  
 Floydada  
 Temple  
 Denton

Texas (continued)

Pringle, Fred B.  
 Putnam, Lee A.  
 Ramsey, Robert N.  
 Ratliff, Larry F.  
 Ressel, Dennis D.  
 Richardson, Wayne E.  
 Risinger, William M.  
 Robbins, Roy L.  
 Rives, Jerry L.  
 Rogers, Colletus A.  
 Sanders, Russell R.  
 Stevens, Jack W.  
 Stewart, Michael W.  
 Stringer, Billy R.  
 Taylor, Frank B.  
 Thomas, Jesse R., Jr.  
 Thompson, Charles M.\*\*  
 Thompson, David R.  
 Turner, August J.  
 Wagner, Billy J.\*\*  
 Ward, Bobby J.  
 Watson, Lonnie  
 Werchan, Leroy E.  
 Wheeler, Frankie F.  
 Wiedenfeld, Clarence C.  
 Williams, DeWayne  
 Williams, Jack C.  
 Wyrick, Jim C.

Utah

Barney, Marvin L.  
 Beckstrand, Lelyle  
 Campbell, Ludene B.  
 Carlev, James A.  
 Chadwick, Raymond S.  
 Crandall, Gordon C.  
 Dabb, Lyle M.  
 Donaldson, Karl M.  
 Erickson, Austin, J.\*\*  
 Fish, Robert H.  
 Harvey, John L.  
 Jensen, Earl H.  
 Leishman, Garth W.  
 McKinley, Calvin R.  
 Mortensen, Vear L.  
 Nielson, Woodrow  
 Olsen, Marvin E.\*\*  
 Stott, Laural H.  
 Swenson, John L.  
 Woodward, Lowell\*\*\*  
 Hutchings, Theron B.\*

Terrell  
 Gainesville  
 Seguin  
 Houston  
 Paris  
 Vernon  
 Knox City  
 Clarksville  
 Terrell  
 Seymour  
 Laredo  
 Uvalde  
 Huntsville  
 Meridian  
 Beeville  
 Mt. Pleasant  
 Nacogdoches  
 Temple  
 Alpine  
 Temple  
 Terrell  
 Odessa  
 Austin  
 Houston  
 San Angelo  
 Harlingen  
 Pampa  
 Cameron

Morgan  
 Richfield  
 Morgan  
 Morgan  
 Brigham City  
 Cedar City  
 Richfield  
 Cedar City  
 Salt Lake City  
 Morgan  
 Murray  
 Morgan  
 Cedar City  
 Richfield  
 St. George  
 Roosevelt  
 Salt Lake City  
 Richfield  
 Nephi  
 Salt Lake City  
 Salt Lake City

Vermont

Allen, George W.  
 Dondero, Louis J.  
 Gilman, David  
 Griggs, John E.  
 Gowdev, Richard F.  
 Joslin, Robert V., Jr.  
 Sheehan, Wilfred J.  
 Watson, Bruce G.\*

Montpelier  
 Rutland  
 Brattleboro  
 Woodstock  
 Newport  
 St. Albans  
 Randolph  
 Burlington

Virginia

Bailey, Moulton A.  
 Brunger, Earl H.  
 Bullard, Cecil F.  
 Burruss, Thomas R.  
 Carter, John B.  
 Clay, John W.  
 Cullipher, Louis E.  
 Fussell, Kenneth E.  
 Gogins, Richard L.\*  
 Hockman, John R.  
 Isgrig, Dan  
 Jones, David L.  
 Judy, Charles N.  
 Kane, John F.  
 Maupin, Randolph J.  
 McDaniel, Jerry C.  
 McKinney, Joseph C.  
 Neal, C. R.  
 Pfeiffer, Norman B.\*\*  
 Smith, R. M.\*\*  
 Swecker, Jr., P.L.  
 Wills, James W.  
 Van Dine, John W.

Suffolk  
 Charlottesville  
 Rustburg  
 Goochland  
 Louisa  
 Richmond  
 Prince George  
 Chase City  
 Richmond  
 Harrisonburg  
 Fredericksburg  
 Goochland  
 Roanoke  
 Woodstock  
 Harrisonburg  
 Cumberland  
 Marion  
 Harrisonburg  
 Richmond  
 Richmond  
 Suffolk  
 Louisa  
 Marion

Washington

Beieler, Vern  
 Call, Willard  
 Debose, Alfonso  
 Donaldson, Norman C.  
 Fibich, William R.  
 Gale, Phillip S.  
 Gentry, Herman R.  
 Harrison, Eveard T.  
 Lenfesty, Charles  
 McCreary, Fred R.  
 McMurry, Carl J.  
 Mitchel, Robert F.\*  
 Olson, Dale L.  
 Pringle, Russel F.  
 Rasmussen, Jack J.\*\*

Wenatchee  
 Ephrata  
 Colfax  
 Colfax  
 Chehalis  
 Toppenish  
 Colfax  
 Spokane  
 Okanogan  
 Port Angeles  
 Olympia  
 Spokane  
 Othello  
 Chehalis  
 Spokane



Washington (continued)

Raver, Miles  
Snyder, Dale E.  
Stockman, Dale D.  
Zulauf, Allan S.

West Virginia

Andersen, Richard H.\*\*  
Childs, Dale  
Curry, William  
Delp, Charles (ML)  
Doonan, Frank  
Ellyson, Walter  
Estepp, Ronald  
McKinney, David  
Pyle, Roy  
Schmude, Keith O.\*  
Sencindiver, John (EL)  
Sponagle, Kelley  
Taylor, Ronald (ML)  
Teets, Charles  
Van Houten, David  
Wright, Edward  
Wright, Linton (EL)  
Yoakum, Troy

Wisconsin

Anderson, Frank L.  
Barrdt, Wayne D.  
Bartelme, Robert J.  
Boelter, Joseph M.  
Carroll, Paul H.\*\*  
Elmer, Steven L.  
Engel, Robert J.  
Fiala, William D.  
Fox, R. E.\*\*  
Glocker, Carl L.  
Gunlach, Howard F.  
Haszel, Orville L.  
Jakel, Dale E.  
Kissinger, Everett J.  
Klingelhoets, A.J.\*  
Langton, John E.  
Leonard, Charles F.  
Lindgren, Peter D.  
Link, Ernest G.  
Lorenz, Howard E.  
McColley, Phillip D.  
Mitchell, Michael J.

Puyallup  
Renton  
Davenport  
Puyallup

Morgantown  
Charleston  
Romney

Keyser  
Parkersburg  
Moorefield  
Morgantown  
Romney  
Morgantown

Moorefield

Charleston  
Moorefield  
Moorefield

Moorefield

Green Lake  
Green Bay  
Wausau  
Baldwin  
Madison  
Sturgeon Bay  
Sheboygan  
Stevens Point  
Madison  
Madison  
Green Lake  
Spooner  
Menominee  
Portage  
Madison  
Baldwin  
Green Bay  
Stevens Point  
Green Bay  
Green Bay  
Portage  
Portage

Wisconsin (continued)

Nelson, Erling F.  
Omernik, David F.  
Otter, Augustine J.  
Patzner, Robert A.  
Payne, Steve W.  
Slota, Robert W.  
Steingraeber, Joseph A.  
Strelow, Hervev V.  
Suhr, Marvin C.  
Thomas, Delbert D.  
Wing, Gordon N.

Spooner  
Madison  
Stevens Point  
Madison  
Ashland  
Baraboo  
Waukesha  
Wausau  
Stevens Point  
Eau Claire  
Eau Claire

Wyoming

Cheney, Melvin D.  
Elwonger, Waldo G.  
Fowkes, Clarence J.\*\*  
Glenn, William R.  
Iiams, Jack E.  
Kronenberger, Russell C.\*  
Lebruska, Robert L.  
Lewis, Donald J.  
Lupcho, Paul J.  
Nelson, Frank L.  
Ravenholt, Halvor B.  
Shields, Paul  
Stephens, Fraser\*\*  
Stephens, James R.  
Stephenson, Abe  
Young, Jack F.

Newcastle  
Sundance  
Casper  
Jackson  
Worland  
Casper  
Powell  
Evanston  
Sheridan  
Torrington  
Rock Springs  
Wheatland  
Casper  
Buffalo  
Cheyenne  
Riverton

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UNITED STATES DEPARTMENT OF AGRICULTURE  
Soil Conservation Service

Soil Survey Staff

November 1972

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Soil Scientist . . . . . William Hatfield  
Climatologist . . . . . Franklin Newhall

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Soil Scientist . . . . . L. LeForrest Miller  
Geographer . . . . . G. D. Bailey  
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Daniel D. Bohrer  
George W. Threlkeld

Soil Genesis and Mineralogy

Hsin Yuan Tu

Chemical Analysis

Robert F. Dever  
Milton W. Meyer

Soil Physics

R. D. Yeck  
S. Ross

Soil-Plant-Animal Relations

Joe Kubota  
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Soil-Geomorphology Team, Southern Plains

John W. Hawley, Head  
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Soil Survey Laboratory

Robert B. Grossman, Head  
1325 "N" Street  
Lincoln, Nebraska 68508

Methods of Analysis

George G. S. Holmgren, In Charge

Mineralogy

Warren C. Lynn, In Charge

Soil Characterization

Robert H. Jordan, In Charge  
Wade A. Blankenship  
Robert L. Juve  
Dean C. McMurtry, Jr.  
Leo G. Shields  
W. J. Jones

West RTSC - Soil Survey Investigations Unit (W. D. Nettleton, Head)

Soil Survey Laboratory

W. D. Nettleton, Head  
P. O. Box 672  
Riverside, California 92502

Methods of Analysis

Reuben E. Nelson

Instrumental Analysis

Clifford D. Henry

Chemical Analysis

Leo C. Klameth

Automatic Data Processing

Benny R. Brasher

Soil Physics

Lothair H. Grant

8  
3  
11

OFFICES OF PRINCIPAL SOIL CORRELATORS

Northeast RTSC - 7600 West Chester Pike, Upper Darby, Pennsylvania 19082

(Conn., Del., Ky., Me., Md., Mass., N. H., N. J., N. Y., Ohio, Pa., R. I., Vt., Va., W. Va., Caribbean Area)

John D. Rourke  
Principal Soil Correlator

Lloyd E. Garland  
Assistant Principal Soil Correlator  
(Interpretations)

Francis W. Cleveland  
Assistant Principal Soil Correlator  
(Manuscripts)

Oliver W. Rice  
Assistant Principal Soil Correlator  
(Classification)

John E. Witty  
Assistant Principal Soil Correlator  
(Classification)

Midwest RTSC - 134 South 12th Street, Lincoln, Nebraska 68508

(Ill., Ind., Iowa, Kans., Mich., Minn., Mo., Nebr., N. D., S. D., Wisc.)

Maurice Stout, Jr.  
Principal Soil Correlator

R. I. Turner  
Assistant Principal Soil Correlator  
(Classification)

Paul R. Johnson  
Assistant Principal Soil Correlator  
(Interpretations)

William E. McKinzie  
Assistant Principal Soil Correlator  
(Classification)

Richard L. Guthrie  
Assistant Principal Soil Correlator  
(Classification)

Richard K. Jackson  
Assistant Principal Soil Correlator  
(Manuscripts)

South RTSC - P. O. Box 11222, Fort Worth, Texas 76110

(Ala., Ark., Fla., Ga., La., Miss., N. C., Okla., S. C., Tenn., Texas)

Lindo J. Bartelli  
Principal Soil Correlator

James A. DeMent  
Assistant Principal Soil Correlator  
(Classification)

Joe D. Nichols  
Assistant Principal Soil Correlator  
(Interpretations)

James R. Coover  
Assistant Principal Soil Correlator  
(Classification)

Thomas U. Yager  
Assistant Principal Soil Correlator  
(Classification)

Westal W. Fuchs  
Assistant Principal Soil Correlator  
(Manuscripts)

West RTSC - 511 N. W. Broadway, Portland, Oregon 97209

(Alaska, Ariz., Calif., Colo., Hawaii, Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.)

J. Melvin Williams  
Principal Soil Correlator

J. Ellsworth Brown  
Assistant Principal Soil Correlator  
(Classification)

Assistant Principal Soil Correlator  
(Manuscripts)

Lucien N. Langan  
Assistant Principal Soil Correlator  
(Interpretations)

John Douglass  
Assistant Principal Soil Correlator  
(Classification)

Laurence D. Giese  
Assistant Principal Soil Correlator  
(Classification)

#### FIELD CARTOGRAPHIC UNITS

Benedict Bagrowski  
Head, Cartographic Unit  
South Church and Lee Streets  
P. O. Box 612  
Spartanburg, South Carolina 29301

Henry A. Homan  
Head, Cartographic Unit  
Federal Building  
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Portland, Oregon 97209

Willis R. Melstrom  
Head, Cartographic Unit  
3600 McCart Street  
P. O. Box 11222  
Fort Worth, Texas 76110

James L. Jacobson  
Head, Cartographic Unit  
Federal Center Building  
Hyattsville, Maryland 20782

Joseph T. Casey  
Head, Cartographic Unit  
134 South 12th Street  
Lincoln, Nebraska 68508

Royce R. Kneece  
Liaison Officer - Northeast RTSC  
States  
Cartographic Division  
Federal Center Building  
Hyattsville, Maryland 20782

STATE SOIL SCIENTISTS

Ernest A. Perry  
Soil Conservation Building  
P. O. Box 311  
Auburn, Alabama 36830

Samuel Rieger  
Severns Building  
P. O. Box F  
Palmer, Alaska 99645

Carl W. Guernsey  
230 N. 1st Avenue  
Federal Building  
Phoenix, Arizona 85025

Hartzell C. Dean  
P. O. Box 2323  
Little Rock, Arkansas 72203

Richard C. Huff  
Tioga Building  
2020 Milvia Street  
Berkeley, California 94704

Tommie Holder  
P. O. Box 17107  
Denver, Colorado 80217

Edward H. Sautter  
Mansfield Professional Park  
Storrs, Connecticut 06268

Delaware (See Maryland)

Robert W. Johnson  
Federal Building  
P. O. Box 1208  
Gainesville, Florida 32601

Morris E. Shaffer  
Old Post Office Building  
P. O. Box 832  
Athens, Georgia 30601

Oran F. Bailey  
Alexander Young Building  
Room 440  
Honolulu, Hawaii 96813

Darrell L. Gallup  
304 North 8th Street  
Room 345  
Boise, Idaho 83702

Earl E. Voss  
Federal Building  
200 W. Church Street  
P. O. Box 678  
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Raymond H. Sinclair  
Atkinson Square-West  
Suite 2200  
5610 Crawfordsville Road  
Indianapolis, Indiana 46224

Lacy I. Harmon  
823 Federal Building  
210 Walnut Street  
Des Moines, Iowa 50309

Charles W. McBee  
760 South Broadway  
P. O. Box 600  
Salina, Kansas 67401

Robert E. Daniell  
333 Waller Avenue  
Lexington, Kentucky 40504

David F. Slusher  
3737 Government Street  
P. O. Box 1630  
Alexandria, Louisiana 71301

John H. Ferwerda  
USDA Office Building  
University of Maine  
Orono, Maine 04473

Robert L. Shields  
Room 522, Hartwick Building  
4321 Hartwick Road  
College Park, Maryland 20740

S. J. Sayach  
27-29 Cottage Street  
Amherst, Massachusetts 01002

Rodney F. Harner  
1405 S. Harrison Road  
East Lansing, Michigan 48823

Francis M. Scilley  
200 Federal Building & U.S. Courthouse  
316 North Robert Street  
St. Paul, Minnesota 55101

Richard C. Carter  
Milner Building  
P. O. Box 610  
Jackson, Mississippi 39205

James H. Lee  
Parkade Plaza Shopping Center  
(Terrace Level)  
P. O. Box 459  
Columbia, Missouri 65201

Jack W. Rogers  
Federal Building  
P. O. Box 970  
Bozeman, Montana 59715

James P. Culver  
134 S. 12th Street  
Lincoln, Nebraska 68508

Edmund A. Naphan  
Room 234, U.S. Post Office Building  
P. O. Box 4850  
Reno, Nevada 89505

Sidney A. Pilgrim  
Federal Building  
Durham, New Hampshire 03824

Marco L. Markley  
1370 Hamilton Street  
Somerset, New Jersey 08873

Victor G. Link  
517 Gold Avenue, S. W.  
P. O. Box 2007  
Albuquerque, New Mexico 87103

Raymond L. Marshall  
Midtown Plaza - Room 400  
700 East Water Street  
Syracuse, New York 13210

Hubert J. Byrd  
310 New Bern Avenue - Room 544  
Federal Office Building  
P. O. Box 27307  
Raleigh, North Carolina 27611

F. Ted Miller  
Federal Building  
P. O. Box 1458  
Bismarck, North Dakota 58501

Gerald J. Post  
311 Old Federal Building  
3rd & State Streets  
Columbus, Ohio 43215

Henry T. Otsuki  
Agriculture Center Building  
Farm & Admiral Road  
Stillwater, Oklahoma 74074

William W. Hill  
Washington Building  
1218 S.W. Washington Street  
Portland, Oregon 97205

Gerald J. Latshaw  
Federal Building & U.S. Court House  
Box 985  
Federal Square Station  
Harrisburg, Pennsylvania 17108

Louis H. Rivera  
Caribbean Area  
G.P.O. Box 4868  
San Juan, Puerto Rico 00936

Rhode Island (See Connecticut)



Robert D. Wells  
Federal Building  
901 Sumter Street  
Columbia, South Carolina 29201

Russell C. Kronenberger  
Federal Office Building  
P. O. Box 2440  
Casper, Wyoming 82601

Donald L. Bannister  
239 Wisconsin Avenue, S. E.  
P. O. Box 1357  
Huron, South Dakota 57350

Clarence B. Breinig  
561 U. S. Court House  
Nashville, Tennessee 37203

Gordon S. McKee  
16-20 S. Main Street  
P. O. Box 648  
Temple, Texas 76501

Theron B. Hutchings  
4012 Federal Building  
125 S. State Street  
Salt Lake City, Utah 84111

Bruce G. Watson  
96 College Street  
Burlington, Vermont 05401

Richard L. Googins  
Federal Building  
P. O. Box 10026  
Richmond, Virginia 23240

Robert F. Mitchel  
360 U. S. Courthouse  
West 920 Riverside Avenue  
Spokane, Washington 99201

Keith O. Schmude  
209 Prairie Avenue  
P. O. Box 865  
Morgantown, West Virginia 26505

A. J. Klingelhoets  
4601 Hammersley Road  
P. O. Box 4248  
Madison, Wisconsin 53711

SOIL SCIENTISTS AND BIOLOGICAL AIDS (SOILS)  
(Titles shown are those designated by states)

Alabama

State Soil Scientist:  
Perry, Ernest A. Auburn

Asst. State Soil Sc.:  
Burgess, Leland H. Auburn

Field Soil Scientists:  
Boman, James E. Union Springs  
Bowen, Charles D. Oneonta  
Carter, Johnny (EL) Birmingham  
Childs, C. Joel Geneva  
Cotton, James A. Hamilton  
Fox, Bobby C. Oneonta  
Harris, Dwight M., Jr. Tuscaloosa  
Harris, MacArthur C. Geneva  
Henry, Ralph E. Ozark  
Hickman, Glenn L. Grove Hill  
Johnson, Kenneth W. Tuscaloosa  
Lewis, David E., Jr. Birmingham  
Mattox, Martin G. Mobile  
Montgomery, Charles F. Centre  
McBride, Eugene H. Mobile  
McNutt, Robert B. Geneva  
Neal, Harold B. Centre  
Owens, Charles Mobile  
Reeves, Willard J. Selma  
Sherard, Hoyt Decatur  
Spivey, Lawson D., Jr. Ashland  
Stubbs, Cleo Birmingham  
Trayvick, Johnny C. Union Springs

Alaska

State Soil Scientist:  
Rieger, Samuel Palmer

Field Soil Scientists:  
Furbush, Clarence E. Palmer  
Schoephorster, Dale B. Palmer

Arizona

State Soil Scientist:  
Guernsey, Carl Phoenix

Asst. State Soil Sc.:  
Jay, James Phoenix

Soil Scientist (RB):  
Miller, Mack Phoenix

Soil Correlator:  
Sato, Harry Phoenix

Field Soil Scientists:  
Adams, Elmer Casa Grande  
Addison, Robert Yuma  
Barmore, Russel Safford  
Chamberlin, Earl Yuma  
Davis, Charles Casa Grande  
Hartman, George Buckeye  
Humphrey, Larry Safford  
Jacoby, Harlan Yuma  
Kingston, Raymond Flagstaff  
Pilarelli, Anthony Casa Grande  
Powell, James Casa Grande  
Richardson, Merlyn Tucson  
Richmond, Dave Flagstaff  
Schurig, Rudolph Buckeye  
Vogt, Kenneth Safford

Arkansas

State Soil Scientist:  
Dean, Hartzell C. Little Rock

Asst. State Soil Sc.:  
McGrew, Carl A. Little Rock

Soil Corr. Spec.:  
Carter, Oliver R. Little Rock

Soil Interp. Spec.:  
Catlett, Vernon R. Little Rock

EL - Education Leave  
ML - Military Leave  
MF - Military Furlough

P/T - Part Time  
S/T - Student Trainee  
T - Trainee

Arkansas - continued

Field Soil Scientists:

Brown, James H.	Walnut Ridge
Buckner, Randle O.	Little Rock
Cook, Robert J.	Harrison
Cox, John B.	Fort Smith
Ferguson, Dick V.	Jonesboro
Festervand, Dorris F.	Little Rock
Fielder, Richard T.	Piggott
Fortner, Thomas W.	Pine Bluff
Fultz, Charles L.	Magnolia
Garner, Billy A.	Paris
Gill, Hiram V.	Pine Bluff
Gore, Warren A.	Walnut Ridge
Gray, James L.	Forrest City
Haley, George J.	Little Rock
Harper, M. Dean	Harrison
Harris, Cornelius	Searcy
Hoelscher, James E.	Nashville
Johnson, Andrew, Jr.	Pine Bluff
Larance, Fred C.	Warren
Laurent, Glen D.	Texarkana
Maxwell, George R.	Searcy
Phillips, William W.	Fayetteville
Rowlett, James F.	Salem
Simerson, A. Howard	Little Rock
Townsend, William R.	Conway
Vodrazka, Frank M.	Russellville
Wilson, Curtis R.	Conway
Winfrey, Alex L.	Russellville

California

State Soil Scientist:

Huff, Richard C.	Berkeley
------------------	----------

Soil Scientist-Corr.:

Leifer, Lewis C.	Berkeley
------------------	----------

Soil Scientist-Interp.:

Sketchley, Harold R.	Berkeley
----------------------	----------

Soil Scientist-Mans.:

Kover, Richard W.	Berkeley
-------------------	----------

Soil Specialists:

Bates, Leland A.	Riverside
Cook, Terry D.	Red Bluff
Dierking, Richard A.	Fresno
Kennedy, Grant M.	Sacramento

California - continued

Field Soil Scientists:

Anderson, Carl H., Jr.	Hanford
Beutler, Charles S.	Watsonville
Borgen, John O.	Alturas
Bowman, Roy H.	Watsonville
Brittan, Lynn A.	Grass Valley
Chang, Kan Kim	Bakersfield
Dumke, Darryl S.	Santa Maria
Edwards, Ronald D.	Santa Maria
Ernstrom, Daniel J.	Santa Maria
Estrada, David D.	Paso Robles
Gale, Phillip	Petaluma
Hill, Hal L.	Bakersfield
Jones, Griffith S.	Tehachapi
Jones, Melvin	Bakersfield
Kashiwagi, James H.	Napa
Kaufman, Barry R.	Alturas
Kester, Gerald	Susanville
Klaseen, Theodore A.	Yreka
Knecht, Arnold A.	Indio
Lambert, Gilbert	Napa
Landers, Clifford R.	Concord
Lindsey, Wesley C.	Paso Robles
Mann, Larry D.	Santa Barbara
Maurer, David K.	Concord
Miller, Vernon C.	Petaluma
Nazar, Paul G.	Stockton
Newlun, Jesse J.	Yreka
Rabey, Daniel F.	Santa Barbara
Rogers, John H.	Placerville
Sheldon, Wayne B.	Alturas
Shipman, Gordon E.	Santa Barbara
Simonson, Conrad R.	Indio
Stephens, Floyd G.	Visalia
Stoneman, Bruce	Grass Valley
Valverde, Mario	Bakersfield
Wachtell, John K.	Tustin
Waterman, Lucius W.	Visalia
Weisel, Charles J.	Paso Robles
Welch, Lawrence E.	Concord
Williams, Leslie W.	Watsonville
Woodruff, George	Apple Valley
Zimmerman, Robert P.	El Centro

Colorado

State Soil Scientist:  
Holder, Tommie Denver

Asst. State Soil Sc.:  
Dansdill, R. K. Denver

Sr. Soil Correlator:  
Cline, Arvad J. Fort Collins

Soil Scientist:  
Accola, R. C. Denver

Field Soil Scientists:  
Albee, Stanley R. Colorado Springs  
Alstatt, D. L. (ML) --  
Amen, Alan E. Sterling  
Anderson, D. L. Walsenburg  
Ashford, Eugene M. Colorado Springs  
Bargsten, Thomas S. Glenwood Springs  
Brubacher, John I. Steamboat Springs  
Crabb, James A. Greeley  
Fletcher, Louis A. Walden  
Geib, Everett E. Yuma  
Goeglein, David K. Greeley  
Harman, Jerry B. Glenwood Springs  
Hawn, William S. Westcliffe  
Holden, Dale L. Pueblo  
Hughes, T. J. Delta  
Hunter, William Montrose  
Larsen, Lynn S. Colorado Springs  
Larsen, Roy J. Pueblo  
Lillich, G. Yuma  
McCullough, Bruce Trinidad  
Miles, Ray L. Kremmling  
Moreland, Donald C. Fort Collins  
Pannell, James P. Durango  
Prentiss, Charles P. Golden  
Schmitt, G. J. La Jara  
Tripp, William P. Meeker  
Weber, T. Sterling  
Wiggins, Thomas J. Pueblo  
Wilson, C. Trinidad  
Yenter, James M. Alamosa

Connecticut

State Soil Scientist:  
Sautter, Edward H. Storrs

Field Soil Spec.:  
Gonick, Walter N. Wallingford

Field Soil Scientists:  
Crouch, Marc H. Haddam  
Hutchinson, Dennis E. Brooklyn  
Moeller, Henry T. Bethel  
Rector, Dean D. Brooklyn  
Reynolds, Charles A. Wallingford  
Whitney, Bruce A. Haddam

Delaware

State Soil Scientist:  
Shields, Robert L. College Park,  
Maryland

Florida

State Soil Scientist:  
Johnson, Robert W. Gainesville

Asst. State Soil Sc.:  
Brasfield, James F. Gainesville

Soil Correlator:  
Moore, J. R. Gainesville

Soil Scientist:  
Powell, D. P. Gainesville

Soil Specialist:  
Vanatta, E. S. Tallahassee

Field Soil Scientists:

Ammons, H. C.	Marianna
Baldwin, R.	DeLand
Bush, C.	DeLand
Cruz, O. E.	Lake Worth
Dollar, H. D.	Ft.Lauderdale
Duffee, E. M.	Marianna
Ford, R. D.	Lake Worth
Houston, T. B.	Lake City
Howell, D. A.	Lake City
Huckle, H. F.	DeLand
Hyde, A. G.	Brooksville
Law, L., Jr.	Ft.Lauderdale
McCollum, S. H.	Lake Worth
Pendleton, R. F.	Ft.Lauderdale
Readle, E. (T)	Kissimmee
Roberts, Alfred	Milton
Stankey, D.	Ocala
Stem, L. T.	Jacksonville
Thomas, B. P.	Ocala
Watts, F. C.	DeLand
Weeks, H. H.	Milton
White, H. O.	Kissimmee
Wittstruck, W. H.	Lake Worth

Georgia

State Soil Scientist:  
Shaffer, M. E. Athens

Asst. State Soil Sc.:  
Bramlett, G. L. Athens

Georgia - continued

Field Soil Scientists:

Blevins, M. M., Jr.	Waycross
Brown, J. R.	Statesboro
Brock, G. G.	Elberton
Brooks, J. F.	Carrollton
Calhoun, J. W.	Tifton
Carson, W. S.	Clayton
Crabb, T. N.	Carrollton
Davis, H. T.	Griffin
Frost, L. W., Jr.	Thomson
Gaither, G. A.	Rome
Green, Alfred	Waycross
Jordan, D. H.	Dalton
Little, Raymond(EL)	--
McIntyre, C. L.	Elberton
Middleton, R. G.	Albany
Murphy, J. O.	Decatur
Payne, H. H.	Milledgeville
Paulk, H. L.	Statesboro
Pilkinton, J. A.	Albany
Rigdon, T. A.	Waycross
Smith, E. H.	Dublin
Stevens, J. G.	Valdosta
Tate, R. J.	Rome
Thomas, G. J., Jr.	Decatur
Thompson, E. J., Jr.	Decatur
Wilkes, R. L.	Hinesville
Woods, J. C.	Perry

Hawaii

State Soil Scientist:  
Bailey, Oran F. Honolulu

Field Soil Scientists:

Nakamura, Sakuichi	Honolulu
Robello, Ernest, Jr.	Hilo

Idaho

State Soil Scientist:  
Gallup, Darrell L. Boise

Asst. State Soil Sc.:  
Daniels, D. Max Boise

State Soil Corr.:  
Priest, Thomas W. Boise

Idaho - continued

Field Soil Scientists:

Barker, Raymond J.	Moscow
Base, Steve R.	Grangeville
Biggerstaff, Harold W.	Twin Falls
Case, Charles W.	Gooding
Chugg, Jack C.	Coeur d'Alene
Collett, Russell	Meridian
Harwood, Jack O.	Idaho Falls
Hilton, Clyde	Idaho Falls
Jeppesen, Darwin J.	Burley
Jorgensen, Wendell L.	St. Anthony
Kreger, Arthur E.	Coeur d'Alene
Logan, Glen H.	Boise
McCarver, H. Charles	Grangeville
Monroe, Gary A.	Mountain Home
Muckel, Gary	Burley
Noe, Harley	Rigby
Perrin, Weldon C.	Pocatello
Peterson, Neil	Twin Falls
Rasmussen, Lawrence M.	Weiser
Salzmann, Richard A.	Pocatello

Illinois

State Soil Scientist:

Voss, Earl E. Champaign

Asst. State Soil Sc.:

Larsen, K. E. Champaign

Soil Specialist(Corr.):

Walker, G. O. Champaign

Field Sil Scientists:

Acker, L. L.	Sterling
Awalt, F. L.	Effingham
Bushue, L. J.	Macomb
Currie, B. E.	Kankakee
Dungan, L. A.	Anna
Elam, A.	Harrisburg
Goddard, T. M.	Lisle
Grantham, D. R.	Rockford
Hallbick, D. C.	Champaign
Hendrickson, R. T.	Kankakee
Herman, R. J.	Carbondale
Higgins, S. K.	Rockford
Hinkley, K. C.	Batavia
Hodges, M. S.	Sterling
Hudelson, G. W.	Lincoln
Keller, G. T.	Sterling
Kiefer, L. M.	Harrisburg
Mapes, D. R.	Lisle
Martin, J. R.	Batavia
Miles, C. C.	Carbondale

Illinois - continued

Field Soil Scientists: continued

Mount, H. R.	Rockford
Paschke, J. E.	Kankakee
Phillips, D. E.	Edwardsville
Rehner, R.	Sterling
Reinebach, L. M.	Kankakee
Scott, J. W.	Anna
Smith, D. L.	Kankakee
Steinkamp, J. F.	Quincy
Stewart, B. G.	Lisle
Wallace, D. L.	Edwardsville
Weiss, B. J.	Harrisburg
Windhorn, R. D.	Lisle
Zwicker, S. E.	Rockford

Indiana

State Soil Scientist:

Sinclair, H. Ray Indianapolis

Asst. State Soil Sc.:

Sanders, Frank Indianapolis

Soil Specialist:

Reybold, William Indianapolis

Field Soil Scientists:

Benton, Hezekiah	South Bend
Bernard, John	Noblesville
Blank, James	Monticello
Brock, Rex	Warsaw
Brownsfield, Shelby	Kendallville
Crooke, John	Indianapolis
Deal, Jack	Peru
Farmer, Denver	Angola
Froehle, Charles	Paoli
Furr, Grover	LaPorte
Gilbert, Richard	Indianapolis
Hillis, John	Albion
Hosteter, William	Frankfort
Huffman, Keith	Noblesville
Kelly, Leo	Vincennes
Kirschner, Frank	Kendallville
Langlois, Karl	Monticello
McCarter, Paul	Albion
McElrath, George	Vincennes
Montgomery, Robert	Valparaiso
Nagel, Byron	Madison
Nickell, Allan	Madison
Persinger, Ival	Plymouth
Pirtle, Bobby	Plymouth
Robards, Mac	Greencastle
Robbins, John	Greencastle
Ruesch, Don	Greenfield
Shively, Jerold	Boonville



Indiana - continued

Field Soil Scientists: continued  
Staley, Larry Warsaw  
Sturm, Ralph Franklin  
Thomas, Jerry Valparaiso  
Wingard, Robert Paoli

Iowa

State Soil Scientist:  
Harmon, Lacy I. Des Moines

Asst. State Soil Sc.:  
Fisher, Charles S. Des Moines

Soil Sc. Field Spec.:  
Highland, John D. Ames

Soil Sc. Field Spec.:  
Lockridge, Dale Ames

Soil Sc. Field Spec.:  
Worster, John R. Ames

Field Soil Scientists:  
Andrews, Wells F. Boone  
Boeckman, Louis A. Creston  
Bragg, Willie Iowa City  
Branham, Charles Grundy Center  
Bright, Haskell H. Iowa City  
Brown, Melvin D. Vinton  
Bryant, Arthur A. Indianola  
Buckner, Russell L. Charles City  
Crocker, Edwin G. Storm Lake  
Dankert, Wayne Primghar  
Davis, Lyle L. Waterloo  
Dayton, Robert Vinton  
DeWitt, Thomas A. Mason City  
Dideriksen, Robert O. Knoxville  
Epley, Walter West Union  
Finley, Richard Sac City  
Fouts, William L. Independence  
Frederick, Wayne D. De Witt  
Hanson, Laurence T. Primghar  
Harman, Harvey Spencer  
Harvey, Elmer H. Newton  
Jensen, Rodney L. Algona  
Johnson, Larry K. De Witt

Iowa - continued

Field Soil Scientists: continued  
Johnson, Norman L. Hampton  
Jones, Robert G. Algona  
Kiepe, Charles Donnellson  
Koppen, Maynard Sac City  
Kuehl, Ronald West Union  
Lindgren, Gary A. West Union  
McWilliams, Kendall M. Shenandoah  
Mendenhall, Ralph De Witt  
Merchant, Patrick, C. Vinton  
Nestrud, Lorne M. Newton  
Nixon, John Creston  
Oelman, Douglas B. Newton  
Peterson, Brian C. Greenfield  
Powers, Rod Newton  
Preloger, David Allison  
Reeves, David Mason City  
Russell, Robert C. Knoxville  
Seaholm, James E. Fairfield  
Schermerhorn, E. J. Iowa City  
Sherwood, Max Greenfield  
Shuman, Robert Knoxville  
Thomas, Robert Vinton  
Trickler, Darryl Hampton  
Voy, Kermit Hampton  
Wiemann, Michael Indianola  
Williamson, Neal D. Iowa City  
Wisner, Robin J. Sac City

Biological Aids:  
Greenough, Roger E. Ames  
Shreve, Sterling P. Ames

Kansas

State Soil Scientist:  
McBee, Charles W. Salina

Asst. State Soil Sc.:  
Fenwick, Richard W. Salina

Soil Correlator:  
Haberman, Roger L. Salina



Kansas - continued

Field Soil Scientists:

Angell, Raymond C.  
 Atkinson, Harry C. 1/  
 Barker, Wesley L.  
 Bell, Elbert L.  
 Campbell, Howard V.  
 Dickey, Harold P.  
 Dodge, Darold A.  
 Fleming, Edward L.  
 Gier, Donald A.  
 Glaum, Stanley A.  
 Glover, Robert K.  
 Hamilton, Vernon L.  
 Hoffman, Bruce R.  
 Horsch, Marcellus L.  
 Jantz, Donald R.  
 Kutnink, Paul R.  
 Neill, James T.  
 Palmer, Cecil D.  
 Penner, Harold L.  
 Plinsky, Robert O.  
 Ratcliff, Ivan W., Jr.  
 Rott, Donald E.  
 Rowland, Harold T.  
 Saffry, Orville W.  
 Sallee, Kenneth H.  
 Swanson, Deane W.  
 Tomasu, Bob I.  
 Zavesky, Larry D.  
 Zimmerman, Jerome L.

Gove  
 Minneapolis  
 Colby  
 Fort Scott  
 Holton  
 Lawrence  
 Great Bend  
 Iola  
 Garnett  
 Kingman  
 Greensburg  
 Smith Center  
 Kingman  
 Winfield  
 Abilene  
 Independence  
 Emporia  
 Stockton  
 Wichita  
 Olathe  
 Wellington  
 LaCrosse  
 Oskaloosa  
 Abilene  
 Garnett  
 Yates Center  
 Meade  
 Leavenworth  
 Lawrence

Kentucky

State Soil Scientist:

Daniell, Robert E. Lexington

Asst. State Soil Sc.:

Sims, Raymond P. Lexington

Soil Correlator:

Newton, John H. Lexington

Field Soil Scientists:

Arms, Fred S. Bardstown  
 Barton, Arlin J. Russellville  
 Converse, Henry T., Jr. Greenville  
 Cox, Frank R., Jr. Owensboro  
 Craddock, William H. Hopkinsville

Kentucky - continued

Field Soil Scientists: continued

Dye, James W. Bowling Green  
 Fehr, James P. Madisonville  
 Forsythe, Rudy Ashland  
 Froedge, Ronald D. Hopkinsville  
 Hail, Carl W. Ashland  
 Hayes, Raymond A. Eddyville  
 Humphrey, Maurice E. Cadiz  
 Jacobs, Eullas H. Madisonville  
 Johnson, Albert S. Somerset  
 Latham, Earle E. Glasgow  
 Leathers, Thomas R. Jackson  
 Love, Paul M. Morehead  
 McDonald, Herman P. Lexington  
 Mitchell, Michael Bardstown  
 Newton, Darwin L. Hopkinsville  
 Richardson, Alfred J. Cynthiana  
 Ross, James C. London  
 Stapp, Junius G. Jamestown  
 Taylor, John L. Hardinsburg  
 Weisenberger, Billy C. Williamstown  
 Whitaker, Orville J. Louisville  
 Wilson, Byron L. Elizabethtown

Louisiana

State Soil Scientist:

Slusher, D. F. Alexandria

Asst. State Soil Sc.:

Loftin, L. L. Alexandria

Soil Correlator:

Cockerham, W. L. Alexandria

Field Soil Scientists:

Allen, E. T. Shreveport  
 Boyd, William H. Baton Rouge  
 Butler, C. L. Natchitoches  
 Clark, H. L. Crowley  
 Dance, R. E. Donaldsonville  
 Edwards, J. P. Shreveport  
 Griffis, B. J. Alexandria  
 Hargroder, T. (EL) --  
 Kerr, A. J., Jr. Alexandria  
 Kilpatrick, W. Shreveport  
 Magoun, J. W. Many  
 Martin, C. E. Winnsboro

1/ Joint employee of SCS and Kansas Agricultural Experiment Station.

Louisiana - continued

Field Soil Scientists: continued

Matthews, Stanley D.	Baton Rouge
Milton, Kent R.	Baton Rouge
Murphy, K.	Lafayette
Powell, John	Alexandria
Reynolds, Emmett	Tallulah
Roy, A. J.	Jennings
Spicer, Bradley	Baton Rouge
Touchet, B. Arville	Lafayette
Venson, Ronnie	Tallulah
Weems, Tracey A.	Tallulah
White, Almond G.	Lafayette

Maine

State Soil Scientist:

Ferwerda, John A.	Orono
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Field Soil Scientists:

Arno, John R.	Dover-Foxcroft
Babcock, Richard	South Paris
Bailey, Manley H.	Rockland
Clark, Donald	Ellsworth
Crane, Peter	Belfast
Durgin, Dennis	Sanford
Faust, Albert	Augusta
Flewelling, Lawrence	Sanford
Hedstrom, Gary	Rockland
Jordan, Glendon	Machias
Kalloch, Norman	Farmington
LaFlamme, Kenneth J.	Orono
Lisante, Robert H.	Sanford
McEwen, Bryce	Auburn
Miller, Jonathan	Sanford
Nelson, Dana	Belfast
Popp, David	Machias
Willey, Roslyn B.	Machias

Maryland

State Soil Scientist:

Shields, Robert L.	College Park
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Field Soil Scientists:

Gibson, Joseph W.	Leonardtwn
Hall, Richard L.	La Plata
Smith, Horace W.	Cockeysville

Massachusetts

State Soil Scientist:

Zayach, S. J.	Amherst
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Field Soil Scientists:

Fletcher, P. C.	Pittsfield
Francis, E. L.	Holden
Fuller, D. C.	Hathorne
Handler, J. F.	Holden
Hotz, C. F.	Holden
Krohelski, J. T.	Holden
Mott, J. R.	Hadley
Roffinoli, R. J.	Middleboro
Scanu, R. J.	Pittsfield
Scott, B.L.(S/T)	Middleboro
Spanke, G. B.	Action
Swenson, E. I.	Hadley
Thompson, B. W.	Action
Upham, C. W.	Hyannis

Biological Aid:

Green, P. D.	Middleboro
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Michigan

State Soil Scientist:

Harner, Rodney F.	East Lansing
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Asst. State Soil Sc.:  
(Interpretations)

Earle, Guy H.	East Lansing
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Asst. State Soil Sc.:  
(Correlation)

Stroesenreuther, N. W.	East Lansing
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Field Soil Scientists:

Austin, F. R.	Kalamazoo
Barnes, J. R.	Ann Arbor
Berndt, L. W.	Marquette
Bowman, W. L.	Grayling
Buchanan, D. E.	Traverse City
Corder, P. G.	Westland
Cowan, E. S.	East Lansing
Feenstra, J. E.	Ithaca
Gibbs, D. F.	East Lansing
Holcomb, S. G.	Grayling
Irvine, A. W.	East Lansing
Landtiser, G. R.	East Lansing
Larson, J. D.	Westland
Larson, R. L.	Traverse City

Michigan - continued

Field Soil Scientists: continued  
 Lietzke, D. A. Bad Axe  
 Linsemier, L. H. Bad Axe  
 Mettert, W. K. Flint  
 Olson, R. W. Midland  
 Parker, A. L. (ML) --  
 Pregitzer, K. E. Grand Rapids  
 Rupchock, G. E. Marquette  
 Sanders, T. E. Midland  
 Stacy, J. R. Grand Rapids  
 Weesies, G. A. East Lansing

Minnesota

State Soil Scientist:  
 Scilley, Francis M. St. Paul

Asst. State Soil Sc.:  
 Bruns, Edward L. St. Paul

Field Specialist:  
 Cummins, Joseph F. St. Peter

Soil Correlator:  
 Finney, Harlan R. St. Paul

Field Soil Scientists:  
 Aas, Ward J. Thief River Falls  
 Barron, Donald D. Thief River Falls  
 Carr, Charles E. Fergus Falls  
 Carlson, Carroll R. Owatonna  
 Chamberlain, Leon M. St. Cloud  
 Christensen, Keith A. Marshall  
 DeMartelaere, Donald E. Alexandria  
 Diedrick, Raymond T. Fergus Falls  
 Dykhuizen, Duane R. Albert Lea  
 Gustafson, Allan R., Jr. St. Peter  
 Harries, John C. Fergus Falls  
 Hokanson, Hilding L. Marshall  
 Hundley, Steven J. Rochester  
 Jackson, Thomas C. Thief River Falls  
 Jacobson, Alan E. St. Peter  
 Jacobson, Malvern N. Thief River Falls  
 Lewis, Royce R. Duluth  
 Lorenzen, Francis D. Windom  
 Lueth, Robert A. Golden Valley  
 Murray, James J. St. Peter

Minnesota - continued

Field Soil Scientists: continued  
 Nelson, Gary D. Duluth  
 Nyberg, Paul R. C. Grand Rapids  
 Paulson, Richard O. St. Peter  
 Poch, George A. Rochester  
 Rolling, Richard E. Owatonna  
 Saari, Charles T. Rochester  
 Sharp, Jerry A. Grand Rapids  
 Suhs, Steven C. Thief River Falls  
 Sutton, Charles K. St. Cloud  
 Vinar, Kenneth R. St. Peter  
 Wester, David J. Fergus Falls  
 Wroblewski, David V. St. Cloud

Mississippi

State Soil Scientist:  
 Carter, Richard C. Jackson

Asst. State Soil Sc.  
 Parker, William B. Jackson

State Soil Correlator:  
 Koos, William M. Jackson

Field Soil Scientists:  
 Allgood, Velton C. Meridian  
 Brent, Floyd V. State College  
 Bright, William E. Tupelo  
 Byers, Kenneth H. Hattiesburg  
 Cole, William A. Jackson  
 Davis, Rex E. Hattiesburg  
 Ford, Jimmy G. Grenada  
 Galberry, Henry S. Philadelphia  
 Huddleston, Jerry S. Grenada  
 Keyes, John W. Jackson  
 Lane, Henry C. New Albany  
 Leggett, Albert R. Columbia  
 McMullen, James W. Eupora  
 Milbrandt, Allen C. Brookhaven  
 Miller, Karl H. Tupelo  
 Morris, William M. Natchez  
 Murphree, Leland C. Okolona  
 Neal, Huel L. Bay Springs  
 Scott, Frank T. Yazoo City  
 Smith, Roger W. Columbus  
 Smith, William I. Gulfport  
 Thomas, Abraham E. Grenada  
 Walton, Lloyd B. Yazoo City  
 Woodruff, Johnny R. New Albany  
 Wynn, Addison H. New Albany

Missouri

State Soil Scientist:  
Lee, James H. Columbia

Asst. State Soil Sc.:  
Gilbert, Frederick L. Columbia

Field Soil Scientists:	
Aldrich, Max W.	Mt. Vernon
Benham, Kenneth E.	Warrenton
Brown, Burton L.	New Madrid
Butler, E. Rex	Poplar Bluff
Dodd, Jerry A.	Springfield
Francka, John P.(P/T)	Springfield
Graves, Lewis H.	Poplar Bluff
Gurley, Phil D.	Kennett
Held, Robert J.	Warrenton
Horn, Frederick E.	New Madrid
Hughes, Harold E.	Bolivar
Jeffrey, Allan H.	Liberty
Knight, William M.	Nevada
Lett, Michael A.	Hannibal
Minor, Paul E.	Bethany
Pauls, William R.	Bethany
Preston, George D.	Nevada
Robertson, George D.	Hartville
Simmons, George T.	Warrensburg
Sparkman, Billy E.	Nevada
Tobin, Leslie W.	Hannibal
Tummons, Richard L.	Warrenton
Vandermeer, Kees W.	Kennett
Watson, F. Conrad	Hannibal
Wolf, David W.	Fulton
Yarbrough, James E.	Hannibal

Montana

State Soil Scientist:  
Rogers, Jack W. Bozeman

Soil Specialist (Interp.):  
Richardson, Robert E. Bozeman

Soil Scientist:  
Decker, Gordon L. Bozeman

Montana - continued

Field Soil Scientists:	
Anderson, Arial	Missoula
Bingham, LaMonte C.	Glasgow
Clark, Clair O.	Great Falls
Daniels, Lewis A.	Glasgow
Dougherty, Brian D.	Missoula
Farnsworth, Dean H.	Great Falls
Gray, LaVerne	Lewistown
Haigh, June G.	Ennis
Harrison, William D.	Missoula
Haub, Mervyn	Helena
Hilts, George B.	Chinook
Hogan, Ernest K.	Lewistown
Jackson, Michael T.	Columbus
Kennedy, Lawrence A.	Circle
Larsen, Wesley M.	Miles City
Long, Huey A.	Chinook
McLean, Dan L.	Ennis
Olsen, James A.	Helena
Parker, John L.	Columbus
Pescador, Pedro	Sidney
Seago, J. B.	Polson
Smetana, Dennis R.	Ennis
Smith, James H.	Glasgow
Strom, Donald E.	Circle

Nebraska

State Soil Scientist:  
Culver, James P. Lincoln

Asst. State Soil Sc.:  
Kollmorgen, Herbert L. Lincoln

Soil Scientist (Corr.):  
Buller, Louis L. Lincoln

Soil Scientist:  
Yost, Donald A. Lincoln

Nebraska - continued

Field Soil Scientists:

Bartlett, Paul	Fremont
Bowman, Gilbert	Broken Bow
Brown, Larry	Lexington
Cotter, Charles	Broken Bow
DaMoude, Dean	West Point
Fausch, Michael	Crawford
Gengenbach, Dale	Bridgeport
Hammer, Roger	Neligh
Hammond, Charles	Norfolk
Hoppes, Ronald	McCook
Indra, Orville	O'Neill
Kerl, Donald	Wayne
Mahnke, Charles	Neligh
Paden, Harry	Franklin
Plantz, Merritt	Ainsworth
Pollock, Robert	Hebron
Quandt, Loyal	Lincoln
Ragon, Larry	Crawford
Rieke, Duane	Beaver City
Sautter, Howard	Syracuse
Scheinost, Steven	Lincoln
Schulte, Ronald	Creighton
Seevers, Vernon	York
Sherfey, Lester	Ogallala
Slama, Norman	Wakefield
Zink, Richard	Broken Bow

Nevada

State Soil Scientist:

Naphan, Edmund A. Reno

Asst. State Soil Sc.:

Bagley, Donald G. Reno

Soil Correlator:

Spencer, Eddie L. Reno

Field Soil Scientists:

Archer, Warren M.	Yerington
Borup, Harry J.	Caliente
Candland, David M.	Tonopah
Chadek, Ronald J.	Reno
Dollarhide, William E.	Reno
Downs, Joseph M.	Las Vegas
Duckworth, William G.	Yerington
Hetzler, Robert	Winnemucca

Nevada - continued

Field Soil Scientists - continued

Larsen, Leland I.	Winnemucca
Lunden, Eugene G.	Ely
Mitchell, Wayburn D.	Ely
Speck, Robert L.	Las Vegas
Pickett, Robert A.	Battle Mt.
Staidl, George J.	Battle Mt.
Summerfield, Harry B.	Reno
Wilde, Russell M.	Winnemucca

New Hampshire

State Soil Scientist:

Pilgrim, Sidney A. L. Durham

Asst. State Soil Sc.:

Vieira, Frank J. Durham

Soil Scientist:

Breeding, Charles H.J. Durham  
(P/T)

Field Soil Scientists:

Bond, Richard W.	Milford
Dellinger, Carl E.	Woodsville
Diers, Richard W.	Conway
Domian, Gary S.(S/T)	Milford
Douglas, Walter W.	Conway
Hersey, James B., Jr.	Conway
Shook, Roy A., Jr.	Claremont

Biological Aid(Soils):

Davis, Richard R. Conway

New Jersey

State Soil Scientist:

Markley, Marco L. Somerset

Asst. State Soil Sc.:

Kirkham, Wendell Somerset

Soil Correlator:

Eby Carl Somerset

Field Soil Scientists:

Fletcher, Sylvester	Hackettstown
Hole, Thornton	Mays Landing
Jablonski, Clarence	Toms River
Johnson, John	Mays Landing
Powley, Van R.	Seabrook



New Mexico

State Soil Scientist:  
Link, Victor G. Albuquerque

Asst. State Soil Sc.:  
Pease, Douglas S. Albuquerque

Soil Correlator:  
Seay, Billy D. Albuquerque

Soil Scientist:  
Calhoun, Thomas E. Albuquerque

Field Soil Scientists:  
Anderson, George W. Raton  
Bayer, James T. Alamogordo  
Bulloch, Henry E. Aztec  
Chastain, Clement L. Las Cruces  
Dern, Phillip S. Alamogordo  
Hacker, Leroy W. Albuquerque  
Henderson, Warren G. Roswell  
Hilley, Terry E. Raton  
Hodson, Max V. Roswell  
Keetch, C. Wesley Aztec  
Krohelski, James T. Raton  
Maxwell, Harold B. Silver City  
Neher, Raymond E. Las Cruces  
Paetzold, Ronald F.(EL) --  
Parham, Tommie Lee(ML) --  
Ragus, Jerry F. Alamogordo  
Roath, Archie J. Las Cruces  
Seagraves, Clarence R. Roswell  
Simnacher, Gerald H.(ML) --

New York

State Soil Scientist:  
Marshall, Raymond L. Syracuse

Soil Interp. Specialist:  
Warner, John W., Jr. Syracuse

Soil Correlator:  
Kick, Leslie W. Syracuse

Soil Report Specialist:  
Flora, Donald F. Syracuse

Irrigation Invest. Spec.:  
Fedak, Theodore Syracuse

New York - continued

Field Soil Scientists:  
Broad, William A. Wynantskill  
Brown, James H. Kingston  
Brown, Randall B.(LWOP) Ithaca  
Case, Roger J. Sodus  
Crandall, Leslie Kingston  
Davis, Leon B. Utica  
Goodman, Seymour D. New City  
Hanna, Willis E. Morrisville  
Hanson, Arthur H. Oswego  
Higgins, Bradford A. Albion  
Holman, Pred Dwight Middletown  
Holmes, Robert L. Lake George  
Hutton, Frank Z., Jr. Syracuse  
Korcak, Ronald F.(LWOP) Utica  
Krawiecki, Val J. Fultonville  
Kuhl, Arthur D. Little Valley  
Landry, Robert J. Albany  
Laux, Burton Norwich  
Maine, Charles H. Lake George  
McDowell, Letember Watertown  
Neeley, John A. Sodus  
Olsson, Karl S. Middletown  
Parsons, Russell A. Oswego  
Picarelli, Charles J. New City  
Pittman, Willie J. Middletown  
Puglia, Paul S. Montour Falls  
Rice, C. Erwin Syracuse  
Rosenburg, Gerald Albany  
Seifried, Stefan T. Middletown  
Taylor, William H. Lake George  
Tornes, Lawrence A. Kingston  
Winkley, Harvel E. Wynantskill  
Work, Ralph Wynantskill  
Wulforst, John P. East Aurora

Biological Aids (Soils):  
Bauter, Paul R. Montour Falls  
Brauen, Gerald B. East Aurora  
Carpenter, Carl F. Norwich  
Nightingale, Garry C. Kingston  
McGuffie, Alan R. Syracuse  
VanDoren, Kenneth W. Watertown  
Walsh, Mark T. Katonah

North Carolina

State Soil Scientist:  
Byrd, Hubert J. Raleigh

Asst. State Soil Sc.:  
Birdwell, Bobby T. Raleigh

Soil Specialist:  
Horton, Robert E. Raleigh

Field Soil Scientists:

Barnhill, William L.	Goldsboro
Bostian, Marcus R.	Greensboro
Brandon, Clarence E. (ELWOP)	Wilmington
Brewer, Edward O.	Wilkesboro
Brown, Robert M.	Wilkesboro
Cawthorn, Joel W.	Raleigh
Clapp, David C.	Henderson
Covington, Joe P.	Edenton
Dunn, James	Fayetteville
Goodwin, Roy A., Jr.	Tarboro
Hale, Lloyd B.	Fayetteville
Hearn, Sam H.	Salisbury
Howard, Ralph Lynn	Greensboro
Huntt, Henry S., III	Tarboro
King, John M., Jr.	Waynesville
Kirby, Robert M.	Hillsborough
Lynn, W. Everette, Jr.	Wilmington
McCachren, Clifford M.	Charlotte
Meadows, John A.	New Bern
Sherrill, Michael L.	Waynesville
Shope, William I.	Henderson
Sink, Larry T.	Fayetteville
Spruill, Willie E.	Lumberton
Stephens, Ronald B.	Greensboro
Stimpson, Jerry V.	Charlotte
Ware, James H.	Wilkesboro
Weaver, Arlin	Whiteville
Woody, William E.	Charlotte

Cartographic Aid:  
Burchette, James T. Wilkesboro

North Dakota

State Soil Scientist:  
Miller, F. Ted Bismarck

Asst. State Soil Sc.:  
Joos, Lloyd L. Bismarck

State Soil Correlator:  
Bahr, A. Francis Bismarck

North Dakota - continued

Field Soil Scientists:

Anderson, Truman C., Jr.	Washburn
Berogan, Terry L.	Rugby
Brockmann, Lester C.	Washburn
Dahl, Robert H.	Devils Lake
DesLauriers, Lynn M.	Rugby
Evenson, Eldon H.	Garrison
Farris, Cornelius G., Jr.	Williston
Freymler, William F.	Bismarck
Howey, Robert L.	Minot
Kukowski, Richard J.	Beach
Larson, Stuart J.	Grank Forks
Opdahl, Donald D.	New England
Petersen, Terry R.	Valley City
Prochnow, Norman D.	Hillsboro
Strum, James F.	Garrison
Thiele, James H.	Rugby
Thompson, Donald G.	Fargo
Thompson, Kenneth W.	Langdon
Weiser, Paul K.	Hazen
Wilhelm, Francis J.	Hazen
Wright, M. Robert	Killdeer

Ohio

State Soil Scientist:  
Post, G. J. Columbus

Asst. State Soil Sc.:  
Kelley, G. E. Columbus

Soil Scientist (Corr.):  
Schafer, G. M. Columbus

Soil Scientist (Spec.):  
Meeker, R. L. Columbus

Field Soil Scientists:

Bottrell, G. D.	Sidney
Brown, D. L.	Ashland
Brug, W. H.	Bucyrus
Bureau, M. F.	Wooster
Flesher, E. C.	Defiance
Gerken, J. C.	Columbus
Graham, T. E.	Ashland
Hale, W. F.	Hamilton
Hayhurst, E. N.	Medina
Jenny, P.	Bryan
Lemaster, D. D.	Bucyrus
Laing, L. E.	Columbus
Lehman, S.	Sidney



Ohio - continued

Field Soil Scientists: continued

Lerch, N. K.	Hamilton
McConoughey, E. H.	Defiance
McLoda, N. A.	Columbus
Milliron, E. L.	Columbus
Parkinson, R. J.	Bucyrus
Porter, L. D.	Sidney
Redmond, C. E.	Ashland
Reese, P. W.	Cortland
Rubel, T. N.	St. Clairsville
Siegenthaler, V. L.	Sidney
Shumate, W. H.	Athens
Steiger, J. R.	Bucyrus
Stone, K. L.	Bryan
Thatcher, J. N.	Chesterland
Vann, J. R. (LWOP)	Columbus
Yamataki, H.	Hamilton

Oklahoma

State Soil Scientist:

Otsuki, Henry T. Stillwater

Asst. State Soil Sc.:

Hill, Elmer L. Stillwater

Soil Correlator:

Frie, Jimmie W. Stillwater

Soil Scientist Spec.:

Nance, Earl C. Stillwater

Soil Scientist Spec.:

Dries, Fred J. Stillwater

Field Soil Scientists:

Abernathy, Edward	Poteau
Allgood, Ferris	Eufaula
Bain, Ruel	Antlers
Bartolina, Donald G.	Tulsa
Bogard, Vinson	Pauls Valley
Bourlier, Bobby G.	Pawhuska
Brinlee, R. C.	Wilburton
Burgess, Dent	Madill

Oklahoma - continued

Field Soil Scientists - continued

Cole, Everett	Durant
Fielder, A. G.	Pauls Valley
Henson, Odos G.	Sayre
LaMar, Otho W.	Duncan
Long, Roscoe	Muskogee
Mayhugh, Richard	Shawnee
Moebius, Gordon	Ardmore
Moffatt, Harold	Clinton
Polone, D. J.	Claremore
Reasoner, Robert	Hugo
Shingleton, Lyle	Atoka
Swafford, B. G.	Tulsa
Watterson, Anderson	Atoka
Williams, Glen	Cherokee

Biological Aid:

Hickman, Darrell W. Stillwater

Oregon

State Soil Scientist:

Hill, William W. Portland

Asst. State Soil Sc.:

Mayko, Rudy W. Portland

State Soil Correlator:

Ness, Arnold O. Portland

Soil Scientist Spec.:

Bowlsby, Clyde C. Portland  
Parsons, Roger B. Corvallis

Field Soil Scientists:

Ames, Dal F.	The Dallas
Boda, Joseph O.	Klamath Falls
Cahoon, Joe S.	Klamath Falls
Dallin, Terry A.	The Dallas
Dyksterhuis, Eugene L.	Canyon City
Garland, Craig W.	Eugene
Gelderman, F. W.	Coquille
Gerig, Allen J.	Medford
Green, George L.	The Dallas

Oregon - continued

Field Soil Scientists: continued

Herriman, Richard C.	Medford
Hosler, Richard E.	Canyon City
Kienzle, R. James	Eugene
Knezevich, Clarence A.	Dallas
Lindsay, Grant M.	Baker
Lovell, Burrell B.	Vale
Otte, George E.	Hillsboro
Patching, William R.	Eugene
Pearson, Nicholas N.	Dallas
Setness, Duane K.	Hillsboro
Shade, Steven P.	Medford
Smith, Philip R.	Eugene
Smythe, Richard T.	Hillsboro
Taylor, Don R.	Coquille
Tucker, Gary B.	Hillsboro

Pennsylvania

State Soil Scientist:

Latshaw, Gerald J. Harrisburg

Asst. State Soil Sc.:

Grice, D. Gene Harrisburg

Corr. for Interp.:

Ekart, Sylvester C. Harrisburg

Field Soil Scientists:

Backer, Albert D.	Ridgway
Belz, David J.	Pittsburgh
Braker, William L.	Bellefonte
Bush, R. Dennis	Dallas
Cerutti, James R.	Warren
Churchill, Norman J.	Smethport
Craft, Thomas J.	Huntingdon
Eckenrode, Joseph J.	Tunkhannock
Farley, William H., Dr.	Lewistown
Greenawalt, John W.(MLWOP)	Bellefonte
Grubb, Robert G.	Towanda
Haagen, John T.	Ridgway
Hallowich, Joseph S.	Clearfield
Holzer, Donald B.	Lebanon
Jensen, Ernest L.	Clearfield

Pennsylvania - continued

Field Soil Scientists: continued

Kohler, Clifford D.	Williamsport
Kopas, Frank A.	Schuylkill Haven
Lanyon, Leslie E.	Carlisle
Lipscomb, Garland H.	Stroudsburg
Martin, Gary	Dallas
Martin, George D.	Honesdale
Merkel, Edward J.	Hollidaysburg
Newbury, Raymond L.	Pittsburgh
Parrish, Paul H.	Sunbury
Rayburn, James B.	Wellsboro
Reber, Earl J.	Somerset
Smith, Robert V.	Butler
Speir, Reginald	Bedford
Tompkins, Edward A.	Lebanon
Weaver, Jay B.	Washington
Wolf, Barrie	Beaver
Yaworski, Michael	Meadville
Yoder, Gerald D.	Lewistown
Yost, David L.	Ebensburg
Zarichansky, John	Carlisle

Puerto Rico

State Soil Scientist:

Rivera, Luis H. San Juan

Field Soil Scientists:

Acevedo-Ramos, Gilberto	Arecibo
Boccheciamp, Rafael A.	San Juan
Francia-Rivera, William	San Juan
Gierbolini, Roberto E.	Arecibo
Santana, Angel J.	Arecibo
Torres-Mas, Joaquin	Arecibo
Torres-Ricci, Guillermo	San Juan
Trigo, Julio E.	San Juan

Rhode Island

State Soil Scientist:

Sautter, Edward H. Storrs, Conn.

Field Soil Scientists:

Dore, Anthony T.	West Warwick
Spangler, Daniel G.	West Warwick
Stuart, Everett C. A.	West Warwick
Townsend, Mark A.	West Warwick

South Carolina

State Soil Scientist:  
Wells, R. D. Columbia

State Soil Correlator:  
Gerald, T. R. Columbia

Field Soil Scientists:

Allen, J. H.	Chester
Byrd, H. S.	Anderson
Camp, W. J.	Laurens
Coker, J. L.	Columbia
Dudley, T. R.	Marion
Fleming, W. H.	Laurens
Herren, E. C.	Greenwood
Hurt, G. W.	Moncks Corner
Lawrence, C. B.	Columbia
Long, B. M.	Moncks Corner
Long, G. V.	Moncks Corner
Meetze, J. C.	Chester
Monts, D. D.	Orangeburg
Pitts, J. J.	Florence
Rogers, V. A.	Orangeburg
Steedley, W. M.	Ridgeland
Stuck, W. M.	Walterboro
Stuckey, B. N., Jr.	Marion
Wakefield, J. B., Jr.	Aiken
Ware, C. B.	Walterboro

South Dakota

State Soil Scientist:  
Bannister, Donald L. Huron

Soil Specialists:

Smalley, Miles W.	Huron
Radeke, Robert E.	Rapid City

Field Soil Scientists:

Borchers, Glenn A.	Pierre
Driessen, James L.	Canton
Dunavan, Glenn R.	Huron
Ensz, Edgar H.	Ipswich
Heil, Dennis M.	Huron
Heil, Kenneth J.	Mobridge
Johnson, Warren F.	Mitchell

South Dakota - continued

Field Soil Scientists: continued

Kalvels, John	Mobridge
Kost, Merle M.	Aberdeen
Krauss, Roland K.	Aberdeen
LaCompte, Michael J.	Bison
Meland, Arvid C.	Sturgis
Miller, Kenneth F.	Milbank
Ollila, Toivo J.	Sturgis
Olson, Kendall K.	Winner
Schultz, Loren D.	Aberdeen
Schumacher, Thomas M.	Ipswich
Springer, Robert F.	Winner
Vialle, Regis L.	Canton
Ward, Elmer M.	Mitchell
Wiesner, C. Howard	Bison

Tennessee

State Soil Scientist:  
Breinig, Clarence B. Nashville

Asst. State Soil Sc.:  
Elder, Joe A. Nashville

Soil Scientist Spec.:  
Powers, Charles H. Nashville

Field Soil Scientists:

Brown, William T.	Jackson
Campbell, Jessie F.	Sparta
Clement, Aaron B.	Milan
Connor, Clarence	Jackson
Cothran, John B.	Nashville
Flatt, Lee W.	Columbia
Hall, William T.	Madisonville
Hogan, Colin A.	Cookeville
Hinton, Robert B.	Nashville
Jackson, Bedford	Chattanooga
Keathley, Glisson T.	Jackson
Lamley, Eugene T.	Selmer
McCowan, Carlisle	Nashville
Moffitt, William C.	Chattanooga
Moneymaker, Rector H.	Knoxville
Moore, Charles L.	Rogersville
Moore, Roy K.	Sparta
North, Olin L.	Selmer
Steele, Paul T.(EL)	Nashville
True, J. C.	Murfreesboro
Warren, Robert B.	Cleveland

Texas

State Soil Scientist:  
 McKee, Gordon S. Temple

Asst. State Soil Sc.:  
 Newman, Allen L. Temple

Field Specialists-Soils:  
 Girdner, Charles L. Austin  
 Blakley, Earl R. Lubbock  
 Thompson, Charles M. Nacogdoches  
 Wagner, Billy J. Temple  
 Miller, William M. Temple

Field Soil Scientists:  
 Allison, John E. Burnet  
 Arriaga, Daniel Eagle Pass  
 Baker, Frank E. Bastrop  
 Blackstock, Dan A. Lubbock  
 Blankenship, Dolman A. La Grange  
 Blum, Ervin Sterling City  
 Botts, Oral L. Baird  
 Bower, James E. Victoria  
 Brooks, Charles A. Hillsboro  
 Bruns, Herbert E. Hereford  
 Bruns, Roy H. L. Hallettsville  
 Bynum, Otto W. San Saba  
 Cail, Charles R. Gainesville  
 Castille, Joseph J. Huntsville  
 Chervenka, Woodrow G. Corsicana  
 Clower, Dennis F. Jacksboro  
 Coburn, Winfred C. Glen Rose  
 Cochran, Rex A. Gainesville  
 Coffee, Daniel R. Ft. Worth  
 Coker, John L. Pleasanton  
 Conner, Nathaniel R. Abilene  
 Crenwelge, Gerald W. Cleburne  
 Crout, Jack D. Rosenberg  
 Cyprian, Thomas E. Victoria  
 Deshotels, Jesse D., III Kountze  
 Dittmore, Wm. H., Jr. Fredericksburg  
 Dittmar, Glenn W. Hondo  
 Dixon, Marvin L. Big Spring  
 Dolezel, Raymond Nacogdoches  
 Flores, Plinio H. Fort Stockton  
 Ford, Alan R. Denton  
 Fox, Richard W. New Boston  
 Fuchs, Charles R. Nacogdoches

Texas - continued

Field Soil Scientists: continued  
 Galloway, Thomas L. Mt. Pleasant  
 Geiger, Luther C. Amarillo  
 Goerdel, Auline R. Henrietta  
 Greenwade, James M. Mineral Wells  
 Griffith, Kirby Jasper  
 Guckian, William J. Beeville  
 Hailey, Reland B. Baird  
 Hatherly, Don T. Lufkin  
 Hensell, James L. Fredericksburg  
 Hill, Ralph H. Ft. Worth  
 Huckabee, John W. Temple  
 Jaco, Hubert B. Pecos  
 Jacobs, Jerry L. Harlingen  
 Kelley, J. David Brownwood  
 Kendrick, Billy W. Conroe  
 Lane, Gaylon L. Terrell  
 Lowther, Audrey C. San Marcos  
 Mays, Major D. Nacogdoches  
 McClintock, Wm. R., Jr. Huntsville  
 McEwen, Harry F. Livingston  
 Miller, Wesley L. Mineral Wells  
 Minzenmayer, Fred E. Edinburg  
 Moore, Joe D. Stephenville  
 Neitsch, Conrad L. Jasper  
 Pauls, Edward W. Denton  
 Pringle, Fred B. Terrell  
 Putnam, Lee A. Gainesville  
 Ramsey, Robert N. Seguin  
 Ratliff, Larry F. Alice  
 Ressel, Dennis D. Paris  
 Richardson, Wayne E. Vernon  
 Risinger, William M. Knox City  
 Rives, Jerry L. Terrell  
 Roberts, Kirthell Mt. Pleasant  
 Rogers, Colletus A. Seymour  
 Sanders, Russell R. Laredo  
 Stevens, Jack W. Uvalde  
 Stewart, Michael W. Bellville  
 Stringer, Billy R. Meridian  
 Taylor, Frank B. Beeville  
 Thomas, Jesse R., Jr. Mt. Pleasant  
 Thompson, David R. Temple  
 Turner, August J. Alpine  
 Ward, Bobby J. Terrell  
 Watson, Lonnie Odessa  
 Werchan, Leroy E. Austin  
 Wheeler, Frankie F. Houston  
 Wiedenfeld, Clarence C. San Angelo  
 Williams, DeWayne Bryan  
 Williams, Jack C. Pampa  
 Wyrick, Jim C. Cameron

Utah

State Soil Scientist:  
Hutchings, Theron B. Salt Lake City

Asst. State Soil Sc.:  
Olsen, Marvin E. Salt Lake City

Soil Correlator:  
Erickson, Austin J. Salt Lake City

Soil Scientist (RB):  
Woodward, Lowell Salt Lake City

Field Soil Scientists:  
Campbell, Ludene B. Morgan  
Carley, James A. Morgan  
Chadwick, Raymond S. Ogden  
Crandall, Gordon C. Cedar City  
Dabb, Lyle M. Panguitch  
Donaldson, Karl M. Cedar City  
Fish, Robert H. Morgan  
Hall, Darrell Thomas Provo  
Harvey, John L. Murray  
Jensen, Earl H. Morgan  
Leishman, Garth W. Cedar City  
McKinlay, Calvin R. Richfield  
Mortensen, Vear L. St. George  
Nielson, Woodrow Roosevelt  
Stott, Laural H. Richfield  
Swenson, John L. Nephi

Vermont

State Soil Scientist:  
Watson, Bruce G. Burlington

Field Soil Scientists:  
Allen, George W. Montpelier  
Britt, Carl T. St. Albans  
Dondero, Louis J. Rutland  
Gilman, David R. Brattleboro  
Griggs, John E. Woodstock  
Gowdey, Richard F. Newport  
Joslin, Robert V. St. Albans  
Sheehan, Wilfred J. Randolph

Virginia

State Soil Scientist:  
Googins, Richard L. Richmond

Asst. State Soil Sc.:  
Smith, R. M. Richmond

Soil Specialist:  
Isgrig, Dan Fredericksburg

Field Soil Scientists:  
Bailey, Moulton A. Suffolk  
Brunger, Earl H. Charlottesville  
Bullard, Cecil F. Warsaw  
Burruss, Thomas R. Goochland  
Carter, John B. Charlottesville  
Cauley, P. M. Marion  
Clay, John W. Richmond  
Fussell, Kenneth E. Chase City  
Gillispie, H. L., Jr. Kenbridge  
Hockman, John R. Harrisonburg  
Jones, David L. Goochland  
Judy, Charles N. Roanoke  
Kane, John F. Front Royal  
Maupin, Randolph J. Harrisonburg  
McDaniel, Jerry C. Kenbridge  
McKinney, Joseph C. Marion  
Neal, C. R. Harrisonburg  
Nicholson, J. C. Goochland  
Swecker, P. L., Jr. Suffolk  
Wright, J. D., Jr. Charlottesville  
Van Dine, John W. Marion

Biological Aid:  
Racey, D. L. Harrisonburg

Washington

State Soil Scientist:  
Mitchel, Robert F. Spokane

Asst. State Soil Sc.:  
Richard, Gerald L. Spokane

State Soil Correlator:  
Rasmussen, Jack J. Spokane



Washington - continued

Field Soil Scientists:

Allen, Robert W.	Ephrata
Beieler, Vern E.	Wenatchee
Call, Willard A.	Ephrata
Debose, Alfonso	Puyallup
Donaldson, Norman C.	Colfax
Edwards, Jonathan P.	Colfax
Fibich, William R.	Chehalis
Gentry, Herman R.	Colfax
Harrison, Eward T.	Spokane
Lenfesty, Charles D.	Union Gap
McCreary, Fred R.	Port Angeles
McMurphy, Carl J.	Olympia
Olson, Dale L.	Othello
Pringle, Russel F.	Chehalis
Raver, Miles L.	Puyallup
Snyder, Dale E.	Lake Stevens
Stockman, Dale D.	Davenport
Zulauf, Allen S.	Puyallup

West Virginia

State Soil Scientist:

Schmude, Keith O. Morgantown

Asst. State Soil Sc.:

Andersen, Richard H. Morgantown

Field Soil Scientists:

Beverage, Woodrow W.	Elkins
Childs, Dale	Morgantown
Curry, William	Romney
Doonan, Frank	Morgantown
Delp, Charles(MF)	Spencer
Ellyson, Walter	Parkersburg
Estepp, Ronald	Moorefield
Johnson, James(EL)	Morgantown
McKinney, Dave	Beckley
Mason, Al(MF)	Romney
Morgan, Sherwood	Beckley
Pyle, Roy	Romney
Roth, William	Parkersburg
Sencindiver, John(EL)	Beckley
Sponaugle, Kelley	Moorefield
Sprankle, Dale	Moorefield
Taylor, Ronald(MF)	Morgantown

West Virginia - continued

Teets, Charles	Charleston
Van Houten, David	Charleston
Wright, Edward(EL)	Moorefield
Wright, Linton, Jr.(EL)	Elkins
Yoakum, Troy	Elkins

Biological Aids:

Amick, Denver P.	Elkins
Becker, Robert	Moorefield

Wisconsin

State Soil Scientist:

Klingelhoets, A. J. Madison

Asst. State Soil Sc.:

Fox, Robert E. Madison

State Soil Correlator:

Carroll, Paul H. Madison

Field Soil Scientists:

Anderson, Frank L.	Green Lake
Ayen, James E.	Jefferson
Barndt, Wayne D.	Appleton
Bartelme, Robert J.	Wausau
Boelter, Joseph M.	Baldwin
Denow, Kenneth A.	Stevens Point
Elmer, Steven L.	Sturgeon Bay
Engel, Robert J.	Sheboygan
Fiala, William D.	Stevens Point
Frings, Steven W.	Appleton
Glocker, Carl L.	Madison
Gundlach, Howard F.	Green Lake
Haszel, Orville L.	Spooner
Jakel, Dale E.	Menomonie
Kissinger, Everett J.	Manitowoc
Langton, John E.	Baldwin
Leonard, Charles F.	Oconto
Lindgren, Peter D.	Eau Claire
Link, Ernest G.	Green Bay
Lorenz, Howard E.	Green Bay
Mitchell, Michael J.	Portage
Nelson, Erling F.	Spooner
Omernik, David L.	Jefferson
Otter, Augustine J.	Manitowoc

Wisconsin

Field Soil Scientists: continued

Patzer, Robert A.	Madison
Payne, Steve W.	Antigo
Roberts, Bruce	Sheboygan
Slota, Robert W.	Baraboo
Steingraeber, Joseph A.	Waukesha
Suhr, Marvin C.	Manitowoc
Thomas, Delbert D.	Eau Claire
Vander Veen, Sidney A.	Sturgeon Bay
Wing, Gordon N.	Eau Claire

Wyoming

State Soil Scientist:

Kronenberger, Russell C. Casper

Asst. State Soil Sc.:

Fowkes, Clarence J. Casper

Specialist-Interp.:

Stephens, Fraser Casper

Field Soil Scientists:

Cheney, Melvin D.	Newcastle
Elwonger, Waldo G.	Sundance
Glenn, William R.	Jackson
Iiams, Jack E.	Worland
Joseph, Lionel	Worland
Lebruska, Robert L.	Powell
Lewis, Donald J.	Evanston
Lupcho, Paul J.	Sheridan
Nelson, Frank L.	Torrington
Ravenholt, Halvor B.	Rock Springs
Shields, Paul	Wheatland
Stephens, James R.	Buffalo
Stevenson, Abe	Cheyenne
Young, Jack F.	Riverton



## SOIL CONSERVATION SERVICE

July 1972

State Offices	State Conservationists (Deputy)	Assistant State Conservationists	State Resource Cons.	State Engineer	State Soil Scientist	State Admin. Officer	
ALABAMA, Auburn	W. B. Lingle (W. E. Austin)	J. H. Dent, Jr.	*E. V. Todd	R. H. Hoit	H. A. Miller	E. A. Perry	M. I. Tisher
ALASKA, Palmer	W. E. Long			T. G. Freeman	S. Rieger		
ARIZONA, Phoenix	G. C. Marks	R. S. Swenson	*C. A. Maguire	R. W. Bates	R. M. Arrington	C. W. Guernsey	R. J. Cavallo
ARKANSAS, Little Rock	E. L. Roget (W. G. Johnson, Jr.)	A. J. Hough A. Mangum	*B. T. Waldrip	M. T. Gault	L. D. Bobeck	H. C. Dean	E. A. Ellington
CALIFORNIA, Berkeley	G. H. Stone, Jr.	H. D. Munk	*W. H. Payne	R. D. Bush	H. T. Shogren	R. C. Huff	R. G. Flenner
COLORADO, Denver	M. D. Burdick (D. C. Bivens)	R. D. Anderson	*D. B. Tootell	E. F. Sedgley	C. H. Mitchell	A. R. Hidlebaugh	G. R. Christy
CONNECTICUT, Storrs	R. L. Hilliard	G. H. Gates		R. T. Grant	W. T. Ferguson, Jr.	J. M. Allen	
DELAWARE, Dover	O. D. Fincher						
FLORIDA, Gainesville	H. Burns	C. N. Kearley	*J. B. Livingston		R. W. Johnson		R. D. Fulmer
GEORGIA, Athens	C. W. Bartlett	J. C. Tillman R. W. Certel	*R. C. Robison	H. C. Cary	A. J. Dorfbusch, Jr.	M. E. Shaffer	H. T. Shrode
HAWAII, Honolulu	F. A. Haughton, Jr.	F. C. Lum		G. H. Cox	S. F. Scott		J. L. Schriner
IDAHO, Boise	G. W. Rutt	P. W. Taylor	*C. N. Gilbert	W. B. Ramsey, Jr.	M. H. Wilkins	D. L. Gallup	J. L. Hopkins
ILLINOIS, Champaign	H. W. Busch (D. P. Overholt)	A. L. Hanson	*J. D. Rector	H. J. Poeschl	P. H. Christensen	E. E. Voas	W. McCann
INDIANA, Indianapolis	T. B. Evans	R. V. Bollman	*J. A. Geter	L. W. Kimberlin	E. J. Pope	H. R. Sinclair	J. H. Spitz
IOWA, Des Moines	W. T. Moon (K. G. McManus)	H. M. Hughes	*W. J. Brune	M. G. Danielson	D. T. Bondurant	L. I. Harson	D. K. Umel
KANSAS, Salina	L. T. Morgan (R. K. Griffin)	J. W. Tipple	*J. A. Wentz	D. R. Robertson	G. R. Smith	C. W. McFee	L. D. Stratton
KENTUCKY, Lexington	G. E. Murray	H. D. Bradley J. C. Davis (8/20)	*A. B. Rogers	W. B. Bryan, Jr.	J. R. Davis	R. E. Daniell	G. E. Haymond
LOUISIANA, Alexandria	J. B. Earle		*P. O. McGowen	W. Fallin	L. B. Agnew	D. F. Slusher	O. T. Seely
MAINE, Orono	D. T. Dinamore	K. E. Grove	*D. A. Davis	L. H. Long	F. R. Farmer	J. A. Ferwerda	W. L. Mahan
MARYLAND, College Park	G. T. Munkittrick	J. H. Gibson	*J. M. Nethery	H. E. Scholl	W. P. Weldon	R. L. Shields	I. P. Isaacs
MASSACHUSETTS, Amherst	B. Isgur	W. H. Coates	*C. E. Mills	C. G. Moustakis	D. L. Baesinger	S. J. Zayach	A. L. Verdi
MICHIGAN, East Lansing	A. H. Cratty	W. J. Fitzgerald	*R. S. Fellows	P. G. Skalland	L. L. Oshel	R. F. Harner	D. F. Rayl (8/6)
MINNESOTA, St. Paul	H. M. Major	W. P. Oesichen G. W. Holmberg	*E. A. Terpstra	C. W. Curtis	R. D. Wenberg	F. M. Scilley	G. A. Schultz
MISSISSIPPI, Jackson	W. L. Beard (H. P. Fulmer)	W. C. Helms J. M. White	*R. H. Wells	R. T. Benton	P. Forsythe	R. C. Carter	M. R. Swofford
MISSOURI, Columbia	J. V. Martin	D. E. Holmes	*J. J. Walker	O. D. Fischgrabe	J. M. Dale	J. H. Lee	R. A. Myers
MONTANA, Bozeman	A. B. Linford	A. I. Garrison, Jr.	*F. J. Schledorn	C. E. Ogle	B. B. Gemmill	J. W. Rogers	G. A. Bryant
NEBRASKA, Lincoln	K. F. Myers	E. P. Vance G. C. Thola	*W. B. Patterson	H. W. Fauch	L. G. Jackson	J. R. Culver	R. E. Giraud
NEVADA, Reno	C. A. Krall	V. K. Haderlie	*R. R. Huxtable	N. R. Ritter	V. J. Allen	E. A. Naphan	S. B. Hopper
NEW HAMPSHIRE, Durham	D. G. Burbank	E. M. Stom	*C. H. Dingle	C. S. Brown	W. A. Jolly	S. A. Pilgrim	T. H. Rogers
NEW JERSEY, Somerset	W. J. Parker	J. C. Hytry	*R. H. Marston	R. E. Francis	M. L. Markley		G. M. Castle
NEW MEXICO, Albuquerque	M. E. Strong	L. D. Barteel M. N. Boswell	*D. C. McCrossen	G. K. Desha	R. D. Thompson, Jr.	V. G. Link	H. R. Madison
NEW YORK, Syracuse	A. C. Addison	R. L. Dueterhaus	*H. S. Stamatel	J. L. Barrick	R. L. Phillips	R. L. Marshall	N. M. Reichelt
NORTH CAROLINA, Raleigh	J. L. Hicks (C. F. Bellard)	E. O. Graham	*W. R. Folsche	J. B. Hungerford	R. G. Jessup	H. J. Byrd	H. L. Lille
NORTH DAKOTA, Bismarck	C. A. Evans	G. R. Calhoun	*N. A. McClure	D. T. Aho	C. R. Johnson	F. T. Miller	T. L. Abshire
OHIO, Columbus	R. E. Quilliam (C. J. Gillman)	G. Morris	*R. R. Shaw	G. E. Bernath	J. H. Harrington, Jr.	D. E. McCormack	J. H. Richardson
OKLAHOMA, Stillwater	W. L. Vaught (R. R. Willis)	A. M. Clements R. Ervin	*H. A. Prevett	F. J. Portney	K. S. Cornforth	H. T. Otsuki	R. W. Hall
OREGON, Portland	A. J. Webber	H. J. Pavelek O. Eckholm	*F. L. Miller	A. L. Oleson	R. L. Fox		E. G. Daven
PENNSYLVANIA, Harrisburg	B. Martin (R. G. Halstead)	H. E. Boyd	*B. M. Ferguson		E. L. Helmsy	G. C. Latschaw	W. E. Addison, Jr.
PUERTO RICO, San Juan	E. R. Keil	W. D. Lopez		A. H. Quintero	P. Catoni-Martin	L. H. Rivera	B. M. Putnam
RHODE ISLAND, West Warwick	A. L. Patrick						
SOUTH CAROLINA, Columbia	G. E. Huey	L. W. Dameron	*N. E. Shuler	M. K. Burgess	S. T. Currin	R. D. Wells	A. M. Martin
SOUTH DAKOTA, Huron	V. W. Shally	R. D. Swenson	*P. R. Rist	W. H. Youtz	D. J. Tokach	D. L. Bannister	M. A. Ault
TENNESSEE, Nashville	P. M. Howard (J. W. Mitchell) (8/6)	B. M. Johnson	*W. R. Hurst, Jr.	D. K. Springer	L. F. Silberberger	C. B. Breinig	W. E. Albright
TEXAS, Temple	E. E. Thomas (M. J. Spears)	W. S. Goodlett J. D. Abbott R. E. Hovel	*L. W. Crews	J. W. Arnn C. A. Rechenthin D. B. Polk	G. C. Vittetoe	G. S. McKee	H. R. Baker
UTAH, Salt Lake City	A. W. Haselstrom	C. H. Townsend		J. W. Metcalf	G. P. Searle	T. B. Hutchings	R. R. Cooper
VERMONT, Burlington	C. M. Right	D. G. Ferren		T. W. Pawlowaki	K. P. Wilson	B. G. Watson	R. T. Dunton
VIRGINIA, Richmond	D. H. Grimwood	C. J. Treumer	*J. K. Abernathy	A. D. Williamson	L. S. Button, Jr.	R. L. Googins	N. E. Parrish
WASHINGTON, Spokane	G. S. Bridge	M. P. Cox	*L. F. Kehne	F. S. Dickson, Jr.	E. W. Cowley	R. F. Mitchel	R. C. Fury
WEST VIRGINIA, Morgantown	J. S. Bennett	J. M. Cooper	*N. R. Caryl	C. E. Hurt	J. L. Dove	K. O. Schmade	E. T. Estlack
WISCONSIN, Madison	R. W. Akeley	J. R. Lesley K. F. Otte, Jr.	*C. F. Lindholm	J. Densmore	M. L. Knabach	A. J. Klingelhoets	D. P. Mueller
WYOMING, Casper	B. O. Halliday	G. M. Danielson	*H. D. Sturges	H. C. Stevermer	J. R. Long	R. C. Kronenberger	R. H. Cheney

\*Watershed activities

AUG 14 1972



*Culver*

**UNITED STATES DEPARTMENT OF AGRICULTURE**

**SOIL CONSERVATION SERVICE**

---

Washington, D. C. 20250

July 30, 1973

Advisory PERS - 170

From: Kenneth E. Grant  
Administrator

Re: Reorganization of the Washington Office Soil Survey Staff

Leadership for the program of land inventory and monitoring authorized by Section 302, Title III of the Rural Development Act of 1972 has been assigned to the Deputy Administrator for Soil Survey. This, along with other changes and advances in soil survey, have required a restructuring of the Washington Office Soil Survey Staff. Major changes are the establishment of a Land Inventory and Monitoring Division and the elimination of the Soil Classification & Correlation Division. The functions originally a part of the Soil Classification & Correlation Division are incorporated with those of the Soil Survey Operations Division.

The new organization chart for Soil Survey will be distributed to appropriate offices.

The following personnel actions will be effective as of July 29, 1973:

Roy W. Simonson - reassignment to Assistant to Deputy Administrator for Soil Survey from Director, Soil Classification & Correlation Division

Raymond I. Dideriksen - promotion to Director, Land Inventory & Monitoring Division from Assistant Director, Soil Survey Operations Division

Frank J. Carlisle - reassignment to Assistant Director, Soil Survey Investigation Division from Assistant Director, Soil Classification & Correlation Division

Morris E. Austin - reassignment to Soil Survey Operations Division from Soil Classification & Correlation Division

Allen R. Hidlebaugh - reassignment to Assistant Director, Land Inventory & Monitoring Division from Assistant Director, Soil Survey Interpretation Division

Franklin Newhall - reassignment to Soil Survey Investigation Division from Soil Survey Interpretation Division

Armin R. Grunewald - reassignment to Land Inventory & Monitoring Division from Resource Development Division



Outlined below is the new organizational directory for Soil Survey:

Deputy Administrator for Soil Survey. . . . .	William M. Johnson
Secretary . . . . .	Pauline A. Sawyer
Assistant Deputy Administrator. . . . .	Dirk van der Voet
Secretary . . . . .	Marion E. Hagerty
Assistant to Deputy Administrator . . . . .	Roy W. Simonson
Director, Soil Survey Operations Division . . . . .	John E. McClelland
Secretary . . . . .	Miriam H. Plastow
Assistant for Operations. . . . .	Joe W. Kingsbury
Assistant for Classification & Correlation. . . . .	Vacant
Soil Scientist (Hyattsville). . . . .	Morris E. Austin
Soil Scientist (Hyattsville). . . . .	Vacant
Director, Soil Survey Interpretation Division . . . . .	Lindo J. Bartelli
Secretary . . . . .	Gail C. Osborne
Assistant . . . . .	Donald E. McCormack
Assistant . . . . .	Keith K. Young
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Soil Conservation Service

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Room 308, U.S. Post Office Bldg.  
P.O. Box 4850  
Reno, Nevada 89505  
FTS 702-784-5304

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Federal Building  
Durham, New Hampshire 03824  
FTS 603-868-7734

Marco L. Markley  
1370 Hamilton Street  
P.O. Box 219  
Somerset, New Jersey 08873  
FTS 201-846-4723

Billy D. Seay ✓  
517 Gold Avenue, S.W.  
P.O. Box 2007  
Albuquerque, New Mexico 87103  
FTS 505-766-2178

Raymond L. Marshall  
Midtown Plaza - Room 400  
700 East Water Street  
Syracuse, New York 13210  
FTS 315-473-3530

Hubert J. Byrd  
310 New Bern Avenue - Room 544  
Federal Office Building  
P. O. Box 27307  
Raleigh, North Carolina 27611  
FTS 919-755-4668

F. Ted Miller  
Federal Building  
P. O. Box 1458  
Bismarck, North Dakota 58501  
FTS 701-255-4435

Gerald J. Post  
311 Old Federal Building  
3rd & State Streets  
Columbus, Ohio 43215  
FTS 614-469-6780

Westal W. Fuchs  
Agriculture Center Office Building  
Farm Road & Brumley Street  
Stillwater, Oklahoma 74074  
FTS 405-253-4248

J. M. Allen  
Washington Building  
1218 S.W. Washington Street  
Portland, Oregon 97205  
FTS 503-221-2794

Gerald J. Latshaw  
Federal Bldg. & U.S. Court House  
Box 985, Federal Square Station  
Harrisburg, Pennsylvania 17108  
FTS 717-782-2280

Luis H. Rivera  
Caribbean Area  
G.P.O. Box 4868  
San Juan, Puerto Rico 00936  
\*FTS 809-725-8966

Rhode Island (see Connecticut)

Robert D. Wells  
Federal Building  
901 Sumter Street  
Columbia, South Carolina 29201  
FTS 803-765-5682

Donald L. Bannister  
239 Wisconsin Avenue, S.W.  
P. O. Box 1357  
Huron, South Dakota 57350  
FTS 605-352-8338

Raymond P. Sims  
561 U.S. Court House  
Nashville, Tennessee 37203  
FTS 615-749-5918

Gordon S. McKee  
16-20 S. Main Street  
P. O. Box 648  
Temple, Texas 76501  
FTS 817-773-1261

Theron B. Hutchings  
4012 Federal Building  
125 S. State Street  
Salt Lake City, Utah 84111  
FTS 801-524-5054

Bruce G. Watson  
96 College Street  
Burlington, Vermont 05401  
FTS 802-862-6261 or 6287

Richard L. Googins  
Federal Building, Room 9201  
P. O. Box 10026  
Richmond, Virginia 23240  
FTS 804-782-2463

Robert F. Mitchel  
360 U.S. Courthouse  
West 920 Riverside Avenue  
Spokane, Washington 99201  
FTS 509-456-3713

\*Thru FTS Washington, D.C. 202-967-1221  
except from Washington, D.C.  
From Washington, D.C. (Area Code 202)  
dial FTS Access Code 106.



Keith O. Schmude ✓  
209 Prairie Avenue  
P. O. Box 865  
Morgantown, West Virginia 26505  
FTS 304-296-3151

A. J. Klingelhoets ✓  
4601 Hammersley Road  
P. O. Box 4248  
Madison, Wisconsin 53711  
FTS 608-252-5343

Russell C. Kronenberger  
Federal Office Building  
P. O. Box 2440  
Casper, Wyoming 82611  
FTS 307-265-3207

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2 4  
7 2

SOIL SCIENTISTS AND BIOLOGICAL AIDS (SOILS)  
(Titles shown are those designated by states)

Alabama

State Soil Scientist:  
Perry, Ernest A. Auburn

Asst. State Soil Sc.:  
Gilbert, Frederick L. Auburn  
Lewis, David E., Jr. Auburn

Field Soil Scientists:  
Boman, James E. Tuscaloosa  
Bowen, Charles D. Decatur  
Childs, C. Joel New Brockton  
Cotton, James A. Hamilton  
Fox, Bobby C. Hamilton  
Harris, MacArthur C. New Brockton  
Henry, Ralph E. Ozark  
Hickman, Glenn L. Grove Hill  
Johnson, Kenneth W. Tuscaloosa  
Mattox, Martin G. Mobile  
Montgomery, Charles F. Centre  
McNutt, Robert B. Opelika  
Neal, Harold B. Centre  
Owens, Charles Mobile  
Reeves, Willard J. Selma  
Spivey, Lawson D., Jr. Birmingham  
Stubbs, Cleo Birmingham  
Trayvick, Johnny C. Tuscaloosa  
Tuck, Milton Selma

Alaska

State Soil Scientist:  
Rieger, Samuel Palmer

Field Soil Scientists:  
Furbush, Clarence E. Palmer  
Schoephorster, Dale B. Palmer

EL - Education Leave  
ML - Military Leave  
MF - Military Furlough

Arizona

State Soil Scientist:  
Guernsey, Carl Phoenix

Asst. State Soil Sc.:  
Jay, James Phoenix

Soil Scientist (RB/WS)  
Miller, Mack Phoenix

Field Soil Scientists:  
Adams, Elmer Casa Grande  
Addison, Robert Yuma  
Barmore, Russel Safford  
Chamberlin, Earl Yuma  
Craft, Thomas Phoenix  
DeWall, Alfred Phoenix  
Humphrey, Larry Safford  
Jacoby, Harlan Yuma  
Richardson, Merlyn Tucson  
Richmond, Dave Flagstaff  
Schurig, Rudolph Buckeye  
Taylor, Don Flagstaff  
Vogt, Kenneth Safford

Arkansas

State Soil Scientist:  
McGrew, Carl A. Little Rock

Asst. State Soil Sc.:  
Huffman, Kelso K. Little Rock

Soil Interp. Spec.:  
Quandt, Loyal A.\* Little Rock  
\*eff. 4/28/74

Soil Specialist:  
Gray, James L. Forrest City

P/T - Part Time  
S/T - Student Trainee  
T - Trainee

Arkansas - continued

Field Soil Scientists:

Brown, James H.	Walnut Ridge
Buckner, Randle O.	Little Rock
Cook, Robert J.	Harrison
Cox, John B.	Fort Smith
Danzie, Bobby E. (ML)	Nashville
Ferguson, Dick V.	Jonesboro
Festervand, Dorris F.	Little Rock
Fielder, Richard T.	Piggott
Fortner, Thomas W.	El Dorado
Fultz, Charles L. (IPA)	Little Rock
Garner, Billy A.	Paris
Gill, Hiram V.	Monticello
Gore, Warren A.	Walnut Ridge
Haley, George J.	Little Rock
Harper, M. Dean	Harrison
Harris, Cornelius	Searcy
Hoelscher, James E.	Nashville
Johnson, Andrew, Jr.	El Dorado
Laurent, Glenn D.	Texarkana
McFadden, Clarence E.	Walnut Ridge
Minor, Mose, Jr.	Jonesboro
Phillips, William W. (IPA)	Fayetteville
Rowlett, James F.	Salem
Townsend, William R.	Conway
Vodrazka, Frank M.	Russellville
Ward, Larry B.	Mountain Home
Wilson, Curtis R.	Conway
Winfrey, Alex L.	Russellville

California

State Soil Scientist:

Huff, Richard C. Davis

Soil Scientist - Corr.:

Kennedy, Grant M. Davis

Soil Scientist - Interp.:

Sketchley, Harold R. Davis

Soil Scientist - Mans.:

Kover, Richard W. Davis

California - continued

Soil Specialists:

Bates, Leland A.	Riverside
Cook, Terry D.	Santa Rosa
Dierking, Richard A.	Fresno

Field Soil Scientists:

Anderson, Carl H., Jr.	Hanford
Beutler, Charles S.	Watsonville
Bootman, Christine A.	Placerville
Bowman, Roy H.	Watsonville
Broderson, William	Visalia
Chang, Kan Kim	Bakersfield
Day, Larry A. (S/T,LWOP)	Bakersfield
Dumke, Darryl S.	Santa Maria
Edwards, Ronald D.	Santa Maria
Ernstrom, Daniel J.	Santa Maria
Estrada, David D.	Paso Robles
Ferrari, Charles A.	Bakersfield
Hansen, Robert	Petaluma
Harris, William	Livermore
Hill, Hal L.	Bakersfield
Jones, Griffith S.	Tehachapi
Kashiwagi, James H.	Ukiah
Klaseen, Theodore A.	Yreka
Knecht, Arnold A.	Indio
Lambert, Gilbert	Napa
Lindsey, Wesley C.	Paso Robles
Nazar, Paul G.	Stockton
Newlun, Jesse J.	Yreka
Rabey, Daniel F. (IPA)	Santa Barbara
Romito, Guy J.	El Centro
Sheldon, Wayne B.	Alturas
Shipman, Gordon E.	Santa Barbara
Stephens, Floyd G.	Visalia
Swearingen, Charles V.	Stockton
Valverde, Mario	Bakersfield
Wachtell, John K.	Tustin
Wardlaw, James	Santa Maria
Weisel, Charles J.	Paso Robles
Welch, Lawrence E.	Concord
Williams, Leslie W.	Watsonville
Woodruff, George	Apple Valley
Zimmerman, Robert P.	El Centro

Colorado

State Soil Scientist:  
Holder, Tommie J. Denver

Asst. State Soil Sc.:  
Dansdill, R. K. Denver

Soil Correlator:  
Montgomery, R. H. Denver

Field Soil Scientists:

Albee, Stanley R.	Colorado Springs
Alstatt, D. L.	Durango
Amen, Alan E.	Sterling
Anderson, D. L.	Walsenburg
Bargsten, Thomas S.	Glenwood Springs
Crabb, James A.	Greeley
Fletcher, Louis A.	Delta
Geib, Everett E.	Kiowa
Harman, Jerry B.	Glenwood Springs
Hawn, William S.	Colorado Springs
Holden, Dale L.	Pueblo
Hughes, T. J.	Delta
Hunter, William	Montrose
Johnson, W.	Trinidad
Larsen, Lynn S.	Colorado Springs
Larsen, Roy J.	Yuma
McCullough, M. B.	Trinidad
Miles, Ray L.	Kremmling
Moreland, Donald C.	Fort Collins
Pannell, James P.	Durango
Radek, Kenneth J.	Trinidad
Schmitt, G. J.	Alamosa
Tripp, William P.	Meeker
Weber, T.	Sterling
Wiggins, Thomas J.	Greeley
Yenter, James M.	Alamosa

Connecticut

State Soil Scientist:  
Sautter, Edward H. Storrs

Field Soil Spec.:  
Gonick, Walter N. Wallingford

Field Soil Scientists:

Crouch, Marc H.	Brooklyn
Gale, Phillip S.	Bethel
Hutchison, Dennis E.	Haddam
Rector, Dean D.	Brooklyn
Reynolds, Charles A.	Wallingford
Wolf, Barrie L.	Bethel

Delaware

State Soil Scientist:  
Sheilds, Robert L. College Park, Maryland

Soil Specialist:  
Hall, Richard L. Salisbury, Md.

Florida

State Soil Scientist:  
Johnson, Robert W. Gainesville

Asst. State Soil Sc.:  
Brasfield, James F. Gainesville

Asst. State Soil Sc.:  
Huckle, H. F. Gainesville

Soil Scientist:  
Vanatta, E. S. Tallahassee

Field Soil Scientists:

Allen, W. J.	Marianna
Ammons, H. C.	Marianna
Baldwin, R.	DeLand *
Bush, C.	DeLand
Cruz, O. E.	Lake Worth
Cummings, E.	Lake Worth
Dollar, H. D.	Jacksonville
Duffee, E. M.	Marianna
Ford, R. D. (EL)	Lake Worth
Houston, T. B.	Lake City
Howell, D. A.	Jacksonville
Hyde, A. G.	Brooksville
Jones, M.	Ft. Pierce
Landers, C.	Palmetto
Law, L., Jr.	Brooksville
Lewis, D. L.	Jacksonville
McCollum, S. H.	Lake Worth
Moore, A. L.	Kissimmee
Nichols, P.	DeLand
Readle, E.	Kissimmee
Roberts, Alfred	Milton
Stankey, D.	Ocala
Stem, L. T.	Jacksonville
Thomas, B. P.	Gainesville
Warmack, W. B. (S/T)	Kissimmee
Watts, F. C.	Ft. Pierce
Weatherspoon, R. L.	Brooksville
Weeks, H. H.	Milton

Florida - Continued

Field Soil Scientists: continued  
 White, H. Kissimmee  
 Williams, R. C. Milton  
 Wittstruck, W. H. Lake Worth  
 Wolfe, J. A. DeLand  
 Yamataki, H. A. Jacksonville

Georgia

State Soil Scientist:  
 Shaffer, Morris E. Athens

Asst. State Soil Sc.:  
 Rehner, Richard Athens

State Soil Correlator:  
 Bramlett, G. L. Athens

Field Soil Scientists:  
 Ammons, John T.\* Elberton  
 Blevins, M. M., Jr. Decatur  
 Brown, J. R. Statesboro  
 Brooks, J. F. Carrollton  
 Calhoun, J. W. Tifton  
 Carson, W. S. Clayton  
 Crabb, T. N. Carrollton  
 Davis, H. T. Griffin  
 Frost, L. W., Jr. Elberton  
 Gaither, G. A. Rome  
 Green, Alfred Waycross  
 Maxwell, Deborah\*\* Albany  
 Middleton, R. G. Albany  
 Murphy, J. O. Decatur  
 Payne, H. H. Milledgeville  
 Paulk, H. L. Statesboro  
 Pilkinton, J. A. Albany  
 Rigdon, T. A. Waycross  
 Smith, E. H. Dublin  
 Stevens, J. G. Valdosta  
 Tate, R. J. Rome  
 Thomas, G. J., Jr. Decatur  
 Wilkes, R. L. Hinesville  
 Woods, J. C. Perry

\*eff. 4/29/74 \*\*eff. 4/1/74

Hawaii

State Soil Scientist:  
 Bailey, Oran F. Honolulu

Field Soil Scientists:  
 Nakamura, Sakuichi Honolulu  
 Sato, Harry Honolulu

Idaho

State Soil Scientist:  
 Gallup, Darrell L. (IPA) Boise  
 Priest, Thomas W. (temp.) Boise

Asst. State Soil Sc.:  
 Daniels, D. Max Boise

State Soil Corr.:  
 Logan, Glen H. (temp.) Boise

Field Soil Scientists:  
 Barker, Raymond J. Moscow  
 Biggerstaff, Harold W. Pocatello  
 Case, Charles W. Gooding  
 Chugg, Jack C. Coeur d'Alene  
 Collett, Russell Meridian  
 Harwood, Jack O. Idaho Falls  
 Hilton, Clyde (IPA) Arco  
 Jeppesen, Darwin J. Burley  
 Jorgensen, Wendell L. St. Anthony  
 Kreger, Arthur E. Meridian  
 Laing, Larry E. Burley  
 McCarver, H. Charles Grangeville  
 Monroe, Gary A. Mountain Home  
 Muckel, Gary (IPA) Twin Falls  
 Noe, Harley (IPA) Rigby  
 Prentiss, Charles P. Burley  
 Rassmussen, Lawrence M. Weiser  
 Tiedeman, James Coeur d'Alene

Illinois

State Soil Scientist:  
 Voss, Earl E. Champaign

Asst. State Soil Sc. (Interp.):  
 Larson, K. E. Champaign

Asst. State Soil Sc. (Corr.):  
 Hinkley, K. C. Champaign

Field Soil Scientists:  
 Acker, L. L. Sterling  
 Awalt, F. L. Effingham  
 Bushue, L. J. Macomb  
 Currie, B. E. Carbondale  
 Dungan, L. A. Carbondale  
 Goddard, T. M. Batavia  
 Grantham, D. R. Rockford

Illinois - continued

Field Soil Scientists: continued  
 Herman, R. J. Carbondale  
 Higgins, S. K. Rockford  
 Hodges, M. S. Sterling  
 Keller, G. T. Sterling  
 Kiefer, L. M. Springfield  
 Mapes, D. R. Lisle  
 Martin, J. R. Batavia  
 Miles, C. C. Carbondale  
 Mount, H. R. Rockford  
 Phillips, D. E. Edwardsville  
 Reinebach, L. M. Kankakee  
 Scott, J. W. Anna  
 Smith, D. L. Kankakee  
 Steinkamp, J. F. Lincoln  
 Stewart, B. G. Lisle  
 Wallace, D. L. Edwardsville  
 Windhorn, R. D. Lisle  
 Zwicker, S. E. Rockford

Indiana

State Soil Scientist:  
 Sinclair, H. Raymond Indianapolis

Asst. State Soil Sc.:  
 Sanders, Frank W. Indianapolis

Soil Specialist - Interp.:  
 Reybold, William U., III Indianapolis  
 (to Hyattsville, Md. 4/14/74)

Soil Scientist:  
 Gilbert, Richard H. Lafayette

Field Soil Scientists:  
 Benton, Hezekiah, Jr. Plymouth  
 Bernard, John Jasper  
 Blank, James R. Martinsville  
 Brock, Rex A. Indianapolis  
 Crooke, John D. Valparaiso  
 Deal, Jack M. Peru  
 Douglas, Walter W. Logansport

Indiana - continued

Field Soil Scientists: continued  
 Farmer, Denver L. Angola  
 Froehle, Charles E. Frankfort  
 Furr, Grover F., Jr. LaPorte  
 Hillis, John Kendallville  
 Hosteter, William D. Frankfort  
 Kelly, Leo Vincennes  
 Kirschner, Frank R. Kendallville  
 Langlois, Karl H., Jr. Monticello  
 McCarter, Paul Brazil  
 McElrath, George, Jr. Vincennes  
 McWilliams, Kendall M. Mt. Vernon  
 Nagel, Byron Aurora  
 Neely, Travis Greencastle  
 Nickell, Allan Madison  
 Pirtle, Bobby L. Muncie  
 Robards, Mac H. Greencastle  
 Robbins, John M., Jr. Greencastle  
 Ruesch, Donald R. Greenfield  
 Shipman, Daniel J. Valparaiso  
 Shively, Jerold L. Boonville  
 Smallwood, Benjamin H. LaPorte  
 Staley, Larry R. Warsaw  
 Sturm, Ralph H. Franklin  
 Thomas, Jerry A. Bloomington  
 Wingard, Robert C., Jr. Paoli

Iowa

State Soil Scientist:  
 Harmon, Lacy I. Des Moines

Asst. State Soil Sc.:  
 Fisher, Charles S. Des Moines

Soil Sc. Field Spec.:  
 Highland, John D. Ames

Soil Sc. Field Spec.:  
 Lockridge, Dale Ames

Soil Sc. Field Spec.:  
 Worster, John R. Ames

Iowa - continued

Field Soil Scientists:

Andrews, Wells F.	Boone
Boeckman, Louis A.	Creston
Bragg, Willie	Malvern
Branham, Charles	Grundy Center
Bright, Haskell H.	Iowa City
Brown, Melvin D.	Vinton
Buckner, Russell L.	Charles City
Clarks, Bennie	Algona
Dankert, Wayne	Primghar
Davis, Lyle L.	Independence
DeWitt, Thomas A.	Mason City
Dideriksen, Robert O.	Knoxville
Finley, Richard	Rockwell City
Fouts, William L.	Independence
Frederick, Wayne D.	De Witt
Hanson, Laurence T.	Primghar
Harman, Harvey	Spencer
Harvey, Elmer	Malcom
Jansen, Ivan	Allison
Jensen, Rodney L.	Algona
Johnson, Larry K.	De Witt
Johnson, Norman L.	Hampton
Jones, Robert G.	Algona
Koppen, Maynard	Rockwell City
Kuehl, Ronald	Elkader
Lindgren, Gary A.	Elkader
Mendenhall, Ralph	De Witt
Merchant, Patrick C.	Vinton
Minger, Mark	Independence
Nestrud, Lorne M.	Malcom
Nixon, John	Malvern
Oelman, Douglas B.	Malcom
Peterson, Brian C.	Greenfield
Preloger, David	Allison
Reeves, David	Mason City
Russell, Robert C.	Knoxville
Seaholm, James E.	Fairfield
Schermerhorn, Edward J.	Iowa City
Sherwood, Max	Greenfield
Thomas, Robert	Vinton
Trickler, Darryl	Hampton
Voy, Kermit	Hampton
Wiemann, Michael	Algona
Williamson, Neal D.	Iowa City
Wisner, Robin J.	Elkader

Iowa - continued

Biological Aids:

Greenough, Roger A.	Ames
Shreve, Sterling P.	Ames

Kansas

State Soil Scientist:

McBee, Charles W.	Salina
-------------------	--------

Asst. State Soil Sc.:

Fenwick, Richard W.	Salina
---------------------	--------

Soil Correlator:

Haberman, Roger L.	Salina
--------------------	--------

Field Soil Scientists:

Angell, Raymond C.	Atwood
Atkinson, C. Harry <u>1/</u>	Minneapolis
Barker, Wesley L.	Colby
Bell, Elbert L.	Fort Scott
Campbell, Howard V.	Holton
Dickey, Harold P.	Lawrence
Dodge, Darold A.	Great Bend
Fleming, Edward L.	Iola
Fortner, Jim R.	Iola
Gier, Donald A.	Marysville
Grimwood, Thomas D. (S/T)	Minneapolis
Hamilton, Vernon L.	Beloit
Hoffman, Bruce R.	Kingman
Horsch, Marcellus L.	Winfield
Jantz, Donald R.	Abilene
Kutnink, Paul R.	Westmoreland
Mott, Jerry E. (S/T)	Great Bend
Neill, James T.	Emporia
Palmer, Cecil D.	Stockton
Penner, Harold L.	Wichita
Plinsky, Robert O.	Olathe
Ratcliff, Ivan W., Jr.	Wellington
Rott, Donald E.	McPherson
Rowland, Harold T.	Oskaloosa
Saffry, Orville W.	Abilene
Sallee, Kenneth H.	Troy
Swanson, Deane W.	Burlington
Tomasu, Bob I.	Meade
Wehmuller, William A.	Wichita
Zimmerman, Jerome L.	Olathe

1/ Joint employee of SCS and Kansas Agricultural Experiment Station.



Kentucky

State Soil Scientist:  
Daniell, Robert E. Lexington

Asst. State Soil Sc.:  
Lexington

Soil Correlator:  
Newton, John H. Lexington

Field Soil Scientists:  
Arms, Fred S. Bardstown  
Barton, Arlin J. Bowling Green  
Converse, Henry T., Jr. Greenville  
Cox, Frank R., Jr. Owensboro  
Craddock, William H. Hopkinsville  
Dye, James W. Bowling Green  
Fehr, James P. Somerset  
Forsythe, Rudy Cynthiana  
Froedge, Ronald D. Hopkinsville  
Hail, Carl W. Ashland  
Hayes, Raymond A. Hazard  
Humphrey, Maurice E. Cadiz  
Jacobs, Eullas H. Dixon  
Leathers, Thomas R. Jackson  
Love, Paul M. Morehead  
McDonald, Herman P. Lexington  
Mitchell, Michael Bardstown  
Newton, Darwin L. Hopkinsville  
Richardson, Alfred J. Cynthiana  
Ross, James C. Campbellsville  
Weisenberger, Billy C. Williamstown  
Whitaker, Orville J. Louisville  
Wilson, Byron L. Elizabethtown

Louisiana

State Soil Scientist:  
Slusher, D. F. Alexandria

Asst. State Soil Sc.:  
Loftin, L. L. Alexandria

Soil Correlator:  
Cockerham, W. L. Alexandria

Louisiana - continued

Field Soil Scientists:  
Allen, E. T. Bastrop  
Butler, C. L. Natchitoches  
Daigle, J. Lafayette  
Dance, R. E. Donaldsonville  
Edwards, J. P. Shreveport  
Griffis, B. J. Alexandria  
Kerr, A. J., Jr. Alexandria  
Kilpatrick, W. Shreveport  
Magoun, J. W. Shreveport  
Martin, C. E. Winnsboro  
Matthews, Stanley D. Baton Rouge  
Murphy, K. Lafayette  
Powell, John Covington  
Reynolds, Emmett Rayville  
Roetker, Larry J. Lafayette  
Roy, A. J. Jennings  
Spicer, Bradley Baton Rouge  
Weems, Tracey A. Tallulah

Maine

State Soil Scientist:  
Ferwerda, John A. Orono

Soil Specialist:  
LaFlamme, Kenneth J. Orono

Field Soil Scientists:  
Arno, John R. Dover-Foxcroft  
Babcock, Richard D. Belfast  
Bailey, Manley H. Rockland  
Clark, Donald O. Ellsworth  
Durgin, Dennis P. Sanford  
Faust, Albert P. Augusta  
Flewelling, Lawrence R. Sanford  
Hedstrom, Gary Rockland  
Jordan, Glendon B. Rockland  
Kalloch, Norman R. Farmington  
Lisante, Robert H. Sanford  
Miller, Jonathan W. Sanford  
Nelson, Dana F. Belfast  
Popp, David J. Belfast  
Willey, Roslyn B. Machias

Maryland

State Soil Scientist:  
Shields, Robert L. College Park

Field Soil Scientists:  
Gibson, Joseph W. La Plata  
\*Hall, Richard L. Salisbury  
Robinette, Carl College Park  
Smith, Horace W. Cockeysville  
\*Also serves as soil specialist for Del.

Massachusetts

State Soil Scientist:  
Grice, Gene D. Amherst

Field Specialist:  
Mott, J. R. Amherst

Field Soil Scientists:  
Fletcher, P. C. Pittsfield  
Francis, E. L. Holden  
Fuller, D. C. Hathorne  
Handler, J. F. Holden  
Hotz, C. F. Holden  
Krohelski, J. T. Hadley

Roffinoli, R. J. Raynham  
Scanu, R. J. Pittsfield  
Stanke, G. B. Acton  
Swenson, E. I. Hadley  
Thompson, B. W. Acton

Michigan

State Soil Scientist:  
Harner, Rodney F. East Lansing

Asst. State Soil Sc.:  
(Interpretations)  
Tompkins, Edward A. East Lansing

Asst. State Soil Sc.:  
(Correlation)  
Stroesenreuther, Neil W. East Lansing

Field Soil Scientists:  
Austin, Franklin R. Kalamazoo  
Barnes, James R. Jackson  
Berndt, Loren W. Marquette  
Bowman, William L. Jackson  
Buchanan, Donald E. Traverse City

Michigan - continued

Field Soil Scientists:- continued  
Corder, Paul G. Harrison  
Cowan, Emily S. Bad Axe  
Dumont, Joseph R. Midland  
Engel, Robert J. Jackson  
Feenstra, James E. Ithaca  
Frederick, William E. Bad Axe  
Gibbs, Donald F. Jackson  
Holcomb, Sheldon G. Grayling  
Larson, Jerry D. St. Joseph  
Larson, Richard L. Traverse City  
Linsemier, Lyle H. Bad Axe  
Mettert, Wesley K. Flint  
Olson, Ronald W. Midland  
Pregitzer, Karl E. Grand Rapids  
Sanders, Therman E. Midland  
Weesies, Glenn A. Ithaca

Minnesota

State Soil Scientist:  
Scilley, Francis M. St. Paul

Asst. State Soil Sc.:  
Bruns, Edward L. St. Paul

Field Specialist:  
Cummins, Joseph F. St. Peter

Soil Correlator:  
Finney, Harlan R. St. Paul  
U of M

Field Soil Scientists:  
Aas, Ward J. Thief River Falls  
Barron, Donald D. Thief River Falls  
Carlson, Carroll R. Owatonna  
Carr, Charles E. Moorhead  
Chamberlain, Leon M. Brooklyn Center  
Christensen, Keith A. Marshall  
DeMartleaere, Donald E. Fergus Falls  
Dykhuisen, Duane R. Albert Lea  
Genrich, Raymond C. Marshall  
Giencke, Allan G. Fergus Falls  
Hetzler, Robert L. Farmington  
Hokanson, Hilding L. Marshall

Minnesota - continued

Field Soil Scientists: continued  
 Hundley, Steven J. Rochester  
 Jackson, Thomas C. Thief River Falls  
 Jacobson, Alan E. Duluth  
 Jacobson, Malvern N. Moorhead  
 Lewis, Royce R. Duluth  
 Lorenzen, Francis D. Windom  
 Lueth, Robert A. Wayzata  
 Murray, James J. St. Peter  
 Nelson, Gary D. Marshall  
 Nyberg, Paul R. C. Grand Rapids  
 Paulson, Richard O. St. Peter  
 Poch, George A. Rochester  
 Rolling, Richard E. Windom  
 Saari, Charles T. Rochester  
 Sharp, Jerry A. Grand Rapids  
 Sutton, Charles K. St. Cloud  
 Vinar, Kenneth R. Duluth  
 Wroblewski, David V. Brooklyn Center

Mississippi

State Soil Scientist:  
 Carter, Richard C. Jackson  
 Asst. State Soil Sc.:  
 Parker, William B. Jackson  
 State Soil Correlator:  
 Koos, William M. Jackson  
 Field Soil Scientists:  
 Allgood, Velton C. Meridian  
 Brent, Floyd V. Mississippi State  
 Bright, William E. Tupelo RC&D  
 Byers, Kenneth H. Hattiesburg  
 Cole, William A. Jackson  
 Davis, Rex E. Hattiesburg  
 Ford, Jimmy G. Grenada  
 Galberry, Henry S. Philadelphia  
 Huddleston, Jerry S. Grenada  
 Keyes, John W. Jackson  
 Leggett, Albert R. Columbia

Mississippi - continued

Field Soil Scientists: continued  
 McMullen, James W. Eupora  
 Milbrandt, Allen C. Brookhaven  
 Miller, Karl H. Tupelo  
 Morris, William M. Natchez  
 Murphree, Leland C. Tupelo  
 Neal, Huel L. Bay Springs  
 Scott, Frank T. Yazoo City  
 Smith, Roger W. Columbus  
 Smith, William I. Gulfport  
 Walton, Lloyd B. Yazoo City  
 Woodruff, Johnny R. New Albany  
 Wynn, Addison H., Jr. New Albany

Missouri

State Soil Scientist:  
 Lee, James H. Columbia  
 Asst. State Soil Sc.:  
 Persinger, Ival D. Columbia  
 Asst. State Soil Sc.:  
 Landtiser, Gilbert R. Columbia

Field Soil Scientists:  
 Aldrich, Max W. Mt. Vernon  
 Benham, Kenneth E. Warrenton  
 Brown, Burton L. Farmington  
 Butler, E. Rex Poplar Bluff  
 Dodd, Jerry A. Springfield  
 Francka, John P. (INT) Springfield  
 Graves, Lewis H. Poplar Bluff  
 Gurley, Phil D. Kennett  
 Held, Robert J. Warrenton  
 Horn, Frederick E. Warrensburg  
 Hughes, Harold E. Bolivar  
 Knight, William M. Benton  
 Lett, Michael A. Fulton  
 Minor, Paul E. Bethany  
 Pauls, William R. Bethany  
 Preston, George D. Richmond  
 Robertson, George D. Hartville  
 Simmons, George T. Warrensburg  
 Sparkman, Billy E. Kennett  
 Tobin, Leslie W. Hannibal  
 Tummons, Richard L. Jackson

Missouri - continued

Field Soil Scientists: continued  
 Vandermeer, Kees W. Kennett  
 Watson, F. Conrad Hannibal  
 Wolf, David W. Fulton  
 Yarbrough, James E. Hannibal

Montana

State Soil Scientist:  
 Rogers, Jack W. Bozeman

Soil Specialist (Interp.):  
 Richardson, Robert E. Bozeman

Soil Correlator:  
 Brownfield, Shelby H. Bozeman

Field Soil Scientists:  
 Anderson, Arial Missoula  
 Bingham, LaMonte C. Glasgow  
 Clark, Clair O. Great Falls  
 Daniels, Lewis A. Glasgow  
 Decker, Gordon L. Circle  
 Dougherty, Brian D. Missoula  
 Farnsworth, Dean H. Great Falls  
 Gray, LaVerne Lewistown  
 Haigh, June G. Ennis  
 Harrison, William D. Missoula  
 Haub, Mervyn Helena  
 Hilts, George B. Chinook  
 Jackson, Michael T. Ennis  
 Johannes, Richard M. Forsyth  
 Larsen, Wesley M. Forsyth  
 Long, Huey A. Chinook  
 McLean, Dan L. Ennis  
 Olsen, James A. Helena  
 Seago, J. B. Polson  
 Setera, Jerome M. Forsyth  
 Smetana, Dennis R. Ennis  
 Smith, James H. Glasgow  
 Strom, Donald E. Circle

Nebraska

State Soil Scientist:  
 Culver, James R. Lincoln

Asst. State Soil Sc.:  
 Brubacher, John I. Lincoln

Soil Scientist (Corr.):  
 Buller, Louis L. Lincoln

Nebraska - continued

Soil Scientist:  
 Yost, Donald A. Lincoln

Field Soil Scientists:  
 Bartlett, Paul Fremont  
 Bowman, Gilbert Broken Bow  
 Brown, Larry Lincoln  
 Cotter, Charles Broken Bow  
 DaMoude, Dean West Point  
 Gengenbach, Dale Bridgeport  
 Hammer, Roger Clay Center  
 Hammond, Charles Norfolk  
 Hoppes, Ronald McCook  
 Indra, Orville O'Neill  
 Kerl, Donald Wayne  
 Mahnke, Charles Neligh  
 Paden, Harry Imperial  
 Plantz, Merritt Ainsworth  
 Pollock, Robert Aurora

Ragon, Larry O'Neill  
 Rieke, Duane Beaver City  
 Sautter, Howard Syracuse  
 Schaefer, Steve Lincoln  
 Scheinost, Steven Lincoln  
 Schulte, Ronald Creighton  
 Seevers, Vernon O'Neill  
 Slama, Norman Wakefield  
 Zink, Richard Broken Bow

Nevada

State Soil Scientist:  
 Naphan, Edmund A. Reno

Asst. State Soil Sc.:  
 Bagley, Donald G. Reno

Soil Correlator:  
 Spencer, Eddie L. Reno

Field Soil Scientists:  
 Archer, Warren M. Yerington  
 Baumer, Otto W. Reno  
 Candland, David M. Minden  
 Dollarhide, William E. Reno  
 Downs, Joseph M. Las Vegas  
 Larsen, Leland I. Winnemucca  
 Lunden, Eugene G. Ely  
 Mitchell, Wayburn D. Ely  
 Nesser, John N. Elko  
 Rooke, Lloyd (RB) Carson City  
 Speck, Robert L. Las Vegas

Nevada - continued

Field Soil Scientists: continued  
Staidl, George J. Elko  
Wilde, Russell M. Elko

New Hampshire

State Soil Scientist:  
Pilgrim, Sidney A. L. Durham

Asst. State Soil Sc.:  
Vieira, Frank J. Durham

Soil Scientist:  
Breeding, Charles H. J. Durham  
(P/T)

Field Soil Scientists:  
Bond, Richard W. Milford  
Dellinger, Carl E. Woodsville  
Diers, Richard W. Keene  
Domian, Gary S. Claremont  
Ealy, Edward P., Jr. Claremont  
(S/T)  
Hersey, James B., Jr. Lancaster  
Kelsea, Russell J. Milford  
Shook, Roy A., Jr. Claremont

New Jersey

State Soil Scientist:  
Markley, Marco L. Somerset

Asst. State Soil Sc.:  
Kirkham, Wendell C. Somerset

Soil Specialist:  
Eby, Carl F. Somerset

Field Soil Scientists:  
Fletcher, Sylvester Hackettstown  
Hole, Thornton Toms River  
Jablonski, Clarence Toms River  
Johnson, John Mays Landing  
Powley Van R. Somerset

New Mexico

State Soil Scientist:  
Seay, Billy D. Albuquerque

Asst. State Soil Sc.:  
Pease, Douglas S. Albuquerque

Field Soil Scientists:  
Anderson, George W. Raton

Bulloch, Henry E. Aztec  
Calhoun, Thomas E. Albuquerque  
Chastain, Clement L. Las Cruces  
Derr, Phillip S. Alamogordo  
Hacker, Leroy W. Albuquerque  
Henderson, Warren G. Roswell  
Hilley, Terry E. Raton  
Hodson, Max V. Roswell  
Keetch, C. Wesley Aztec  
Martin, Paul G., Jr. Raton  
Maxwell, Harold B. Silver City  
Neher, Raymond E. Las Cruces  
Parham, Tommie Lee Aztec  
Perkins, Rodney C. Alamogordo  
Ragus, Jerry F. Alamogordo  
Roath, Archie J. Las Cruces  
Seagraves, Clarence R. Silver City

New York

State Soil Scientist:  
Marshall, Raymond L. Syracuse

Soil Scientist - Interp.:  
Warner, John W., Jr. Syracuse

Soil Scientist - Corr.:  
Kick, Leslie W. Syracuse

Soil Scientist - Manus.:  
Winkley, Harvel E. Syracuse

Field Soil Scientists:  
Broad, William A. Wynantskill  
Brown, James H. Liberty  
Brown, Randall B. (LWOP) Ithaca  
Case, Roger J. Watertown  
Crandall, Leslie Norwich  
Davis, Leon B. New Hartford

New York - continued

Field Soil Scientists: continued

Goodman, Seymour D.	Wynantskill
Hanna, Willis E.	Morrisville
Hanson, Arthur H.	East Aurora
Higgins, Bradford A.	Rochester
Holman, Pred Dwight	Middletown
Holmes, Robert L.	East Aurora
Hutton, Frank Z., Jr.	Syracuse
Korcak, Ronald F. (LWOP)	New Hartford
Krawiecki, Val J.	Lake Pleasant
Kuhl, Arthur D.	Randolph
Landry, Robert J.	Albany
Laux, Burton R.	Norwich
Maine, Charles H.	Lake George
McDowell, Letember	Watertown
Olsson, Karl S.	Middletown
Parsons, Russell A.	Montour Falls
Pittman, Willie J.	Middletown
Puglia, Paul S.	Montour Falls
Rice, C. Erwin	Syracuse
Rosenburg, Gerald L.	Albany
Seifried, Stefan T.	Liberty
Taylor, William H.	Lake George
Tornes, Lawrence A.	Kingston
Work, Ralph	Wynantskill
Wulforst, John P.	Corning

Biological Aids (Soils):

Brauen, Gerald B.	East Aurora
Nightingale, Garry C.	Liberty
Van Doren, Kenneth W.	Watertown
Walsh, Mark T.	New Hartford

North Carolina

State Soil Scientist:

Byrd, Hubert J.	Raleigh
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Asst. State Soil Sc.:

Hatfield, William F.	Raleigh
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Soil Specialist:

Horton, Robert E.	Raleigh
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North Carolina - continued

Field Soil Scientists:

Barnhill, William L.	Goldsboro
Bostian, Marcus, R.	Greensboro
Brandon, Clarence E.	
	(ELWOP)
	Wilmington
Brewer, Edward O.	Wilkesboro
Brown, Robert M.	Wilkesboro
Cawthorn, Joel W.	Raleigh
Clapp, David C.	Henderson
Covington, Joe P.	Edenton
Dunn, James	Hillsborough
Goodwin, Roy A., Jr.	Tarboro
Hale, Lloyd B. (IPA)	Fayetteville
Hearn, Sam H.	Salisbury
Huntt, Henry S., III	Tarboro
Jenkins, Van	Raleigh
King, John M., Jr.	Waynesville
Kirby, Robert M. *(IPA)	Raleigh
McCachren, Clifford M. (IPA)	Charlotte
Sherrill, Michael L.	Waynesville
Sink, Larry T.	Fayetteville
Spruill, Willie E.	Lumberton
Stephens, Ronald B. (IPA)	Greensboro
Stimpson, Jerry V.	Charlotte
Tant, Phillip L.	Clinton
Ware, James H.	Plymouth
Weaver, Arlin	Whiteville
Woody, William E.	Charlotte

Cartographic Aid:

Burchette, James T.	Wilkesboro
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\*Assigned to the Wake County Planning Commission for soil survey interpretation.



North Dakota

State Soil Scientist:  
 Miller, F. Ted Bismarck

Asst. State Soil Sc.:  
 Joos, Lloyd L. Bismarck

Soil Correlator:  
 Base, Steve R. Bismarck

Field Soil Scientists:  
 Anderson, Truman C., Jr. Linton  
 Berogan, Terry L. Rugby  
 Brockmann, Lester C. Washburn  
 Dahl, Robert H. Devils Lake  
 DesLauriers, Lynn M. Rugby  
 Evenson, Eldon H. Linton

Freymiller, William F. Bismarck  
 Howey, Robert L. Minot  
 Larson, Stuart J. Grand Forks  
 Lehman, Robert W. (EL) Grand Forks  
 Opdahl, Donald D. Valley City  
 Petersen, Terry R. Hillsboro  
 Prochnow, Norman D. Devils Lake  
 Strum, James F. Rugby  
 Thiele, James H. Dickinson  
 Thompson, Kenneth W. Hazen  
 Weiser, Paul K. Hazen  
 Wilhelm, Francis J. Killdeer  
 Wright, M. Robert Killdeer

Ohio

State Soil Scientist:  
 Post, G. J. Columbus

Asst. State Soil Sc.:  
 Kelley, G. E. Columbus

Soil Scientist (Corr.):  
 Schafer, G. M. Columbus

Soil Scientist (Spec.):  
 Meeker, R. L. Columbus

Ohio - continued

Field Soil Scientists:  
 Bottrell, G. D. Sidney  
 Brown, D. L. Ashland  
 Brug, W. H. Bucyrus  
 Bureau, M. F. Coshocton  
 Crouner, D. J. Defiance  
 Flesher, E. C. Defiance  
 Gerken, J. C. Columbus  
 Graham, T. E. Coshocton  
 Hale, W. F. Hamilton  
 Hayhurst, E. N. Wooster  
 Jenny, P. St. Clairsville

Lehman, S. Sidney  
 Lemaster, D. D. Bucyrus  
 Lerch, N. K. Hamilton  
 Ludwick, D. E. Wooster  
 McConoughey, E. H. Maumee  
 McLoda, N. A. Columbus  
 Milliron, E. L. Columbus  
 Parkinson, R. J. Bucyrus  
 Plunkett, M. St. Clairsville

Porter, L. D. Sidney  
 Redmond, C. E. Ashland  
 Reese, P. W. Cortland  
 Rubel, T. N. St. Clairsville

Siegenthaler, V. L. Sidney  
 Shumate, W. H. Athens  
 Steiger, J. R. Bucyrus  
 Stone, K. L. Maumee  
 Thatcher, J. N. Chesterland

Oklahoma

State Soil Scientist:  
 Fuchs, Westal W. Stillwater

Asst. State Soil Sc.:  
 Hill, Elmer L. Stillwater

Soil Correlator:  
 Frie, Jimmie W. Stillwater

Soil Scientist Spec.:  
 Nance, Earl C. Stillwater



Oklahoma - continued

Field Soil Scientists:

Abernathy, Edward	Poteau
Allgood, Ferris	Eufaula
Bain, Ruel	Antlers
Bogard, Vinson	Pauls Valley
Bourlier, Bobby G.	Norman
Brinlee, R. C.	Wilburton
Burgess, Dent	Madill
Cole, Everett	Stillwater

LaMar, Otho W.	Duncan
Mayhugh, Richard	Wewoka
Moebius, Gordon	Ardmore
Moffatt, Harold	Clinton
Polone, D. J.	Nowata
Reasoner, Robert	Hugo
Shingleton, Lyle	Atoka
Swafford, B. G.	Hugo
Watterson, Anderson	Atoka
Williams, Glen	Medford

Biological Aid:

Hickman, Darrell W.	Stillwater
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Oregon

State Soil Scientist:

Allen, J. M.	Portland
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Asst. State Soil Sc.:

Mayko, Rudy W.	Portland
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State Soil Correlator:

Ness, Arnold O.	Portland
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Soil Scientist Spec.:

Bowlsby, Clyde C.	Portland
Parsons, Roger B.	Portland

Field Soil Scientists:

Ames, Dal F.	The Dalles
Cahoon, Joe S.	Kalmath Falls
Dallin, Terry A.	The Dalles
Dyksterhuis, Eugene L.	Canyon City
Garland, Craig W.	Eugene
Gelderman, F. W.	Coquille

Oregon - continued

Field Soil Scientists: continued

Gerig, Allen J.	Medford
Green, George L.	Hillsboro
Herriman, Richard C.	Medford
Hosler, Richard E.	Canyon City
Kienzle, R. James	Coquille
Knezevich, Clarence A.	Dallas
Lindsay, M. G.	Baker
Lovell, Burrell B.	Vale

Patching, William R.	Eugene
Pearson, Nicholas N.	Dallas
Setness, Duane K.	Hillsboro
Smith, Philip R.	Eugene
Smythe, Richard T.	Hillsboro

Pennsylvania

State Soil Scientist:

Latshaw, Gerald J.	Harrisburg
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Asst. State Soil Sc.:

Harrisburg
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Corr. for Interp.:

Ekart, Sylvester C.	Harrisburg
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Field Soil Scientists:

Backer, Albert D.	Ridgway
Belz, David J.	Waynesburg
Braker, William L.	Bellefonte
Bush, R. Dennis	Dallas
Carey, John B. (IPA)	Lewisburg
Cerutti, James R.	Warren
Churchill, Norman J.	Smethport
Custer, Boyd H.	Lancaster
Eckenrode, Joseph J.	Tunkhannock
Farley, William H., Dr.	Lewistown
Greenawalt, John W.	
(MLWOP)	Bellefonte
Grubb, Robert G.	Towanda
Haagen, John T.	Ridgway
Hallowich, Joseph S.	Clearfield
Holzer, Donald B.	Lebanon
Jensen, Earnest L.	Clearfield
Kohler, Clifford D.	Williamsport
Kopas, Frank A.	Schuylkill
	Haven

Pennsylvania - continued

Field Soil Scientists: continued

Lipscomb, Garland H.	Stroudsburg
Martin, Gary (IPA)	Williamsport
Martin, George D.	Honesdale
Merkel, Edward J.	Hollidaysburg
Newbury, Raymond L. (IPA)	Pittsburgh
Parrish, Paul H.	Sunbury
Reber, Earl J.	Somerset
Smith, Robert V.	Butler
Speir, Reginald	Bedford
Weaver, Jay B. (IPA)	Washington

Yaworski, Michael	Somerset
Yoder, Gerald D.	Lewistown
Yost, David L.	Ebensburg
Zarichansky, John	Carlisle

Biological Tech. (Soils):

Dennis, Charles A.	Honesdale
Herrold, Glenn M.	Bellefonte
Otis, R. Gary	Towanda

Puerto Rico

Staff Soil Scientist:

Rivera, Luis H.	San Juan
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Field Soil Scientists:

Acevedo-Ramos, Gilberto	Arecibo
Boccheciamp, Rafael A.	Caguas
Francia-Rivera, William	Arecibo
Gierbolini, Roberto E.	Mayaguez
Santana, Angel J.	Arecibo
Torres-Mas, Joaquin	Arecibo
Trigo, Julio E.	Arecibo

Rhode Island

State Soil Scientist:

Sautter, Edward H.	Storrs, Conn.
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Field Soil Scientists:

Dore, Anthony T.	West Warwick
Spangler, Daniel G.	West Warwick
Stuart, Everett C. A.	West Warwick
Townsend, Mark A.	West Warwick

South Carolina

State Soil Scientist:

Wells, Robert D.	Columbia
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Asst. State Soil Sc.:

Gerald T. R.	Columbia
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Field Soil Scientists:

Allen, J. H.	Chester
Byrd, H. S.	Anderson
Dudley, T. R.	Marion
Herren, E. C.	Anderson
Hurt, G. W.	Moncks Corner
Lawrence, C. B.	Columbia
Long, B. M.	Moncks Corner
Long, G. V.	Moncks Corner
Meetze, J. C.	Chester
Mitchell, C. J., Jr.	Florence
Monts, D. D.	Columbia
Pitts, J. J.	Florence
Rogers, V. A.	Aiken
Steadly, W. M.	Walterboro
Stuck, W. M.	Walterboro
Stuckey, B. N.	Marion
Ware, C. B.	Walterboro

South Dakota

State Soil Scientist:

Bannister, Donald L.	Huron
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Asst. State Soil Sc.:

Smalley, Miles W.	Huron
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Soil Specialists:

Emerson, Kathleen A.	Huron
Radeke, Robert E.	Rapid City
Zavesky, Larry D.	Huron

Field Soil Scientists:

Borchers, Glenn A.	Pierre
Driessen, James L.	Canton
Dunavan, Glenn R.	Huron
Ensz, Edgar H.	Yankton
Heil, Dennis M.	Huron
Heil, Kenneth J.	Mobridge
Johnson, Warren F.	Mitchell

South Dakota - continued

Field Soil Scientists:

Kalvels, John	Hot Springs
Krauss, Roland K.	Aberdeen
LaCompte, Michael J.	Bison
Mausbach, Maurice J.	Salem
Meland, Arvid C.	Sturgis
Miller, Kenneth F.	Milbank
Ollila, Toivo J.	Sturgis
Olson, Kendall K.	Winner
Reber, Nilo G.	Winner
Schlepp, Richard L.	Aberdeen
Schultz, Loren D.	Aberdeen
Schumacher, Thomas M.	Mobridge
Springer, Robert F.	Winner
Vialle, Regis L.	Mitchell
Ward, Elmer M.	Yankton
Weisner, C. Howard	Bison

Tennessee

State Soil Scientist:

Sims, Raymond P.	Nashville
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Asst. State Soil Sc.:

Elder, Joe A.	Nashville
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Soil Scientist Spec.:

Powers, Charles H. (IPA)	Nashville
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Field Soil Scientists:

Brown, William T.	Jackson
Campbell, Jessie F.	Jamestown
Clement, Aaron B.	Milan
Conner, Clarence T.	Knoxville
Cothran, John B.	Nashville
Hall, William G.	Columbia
Jackson, Bedford W.	Chattanooga
Keathley, Glisson L.	Jackson
Lampley, Eugene T.	Selmer
McCowan, Carlisle (IPA)	Nashville
McCroskey, Charles (ELWOP)	Chattanooga
Moffitt, William C.	Chattanooga
Moneymaker, Rector H.	Clinton
Moore, Charles L.	Johnson City
Moore, Roy K.	Cookeville
North, Olin L.	Nashville
True, J. C.	Huntingdon
Warren, Robert B.	Cleveland

Texas

State Soil Scientist:

McKee, Gordon S.	Temple
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Asst. State Soil Sc.:

Newman, Allen L.	Temple
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Field Specialists - Soils:

Blakley, Earl R.	Lubbock
Girdner, Charles L.	Austin
Miller, William M.	Temple
Thompson, Charles M.	Nacogdoches
Wagner, Billy J.	Temple

Field Soil Scientists:

Allison, John E.	Burnet
Arriaga, Daniel	Carrizo Springs
Baker, Frank E.	Eden
Blackstock, Dan A.	Lubbock
Blum, Ervin	Junction
Bower, James E.	Victoria
Brooks, Charles A.	Hillsboro
Bruns, Herbert E.	Hereford
Bruns, Roy H. L.	Hallettsville
Bynum, Otto W.	San Saba
Cail, Charles R.	Bonham
Castille, Joseph J.	Brenham
Chervenka, Woodrow G.	Corsicana
Clower, Dennis F.	Jacksboro
Coburn, Winfred C.	Glen Rose
Cochran, Rex A.	Sherman
Coffee, Daniel R.	Ft. Worth
Coker, John L.	Pleasanton
Crenwelge, Gerald W.	Angelton
Crout, Jack D.	Rosenberg
Cyprian, Thomas E.	San Saba
Deshotels, Jesse D., III	Kountze
Dittemore, William H., Jr.	Fredericksburg
Dittmar, Glenn W.	Pearsall
Dixon, Marvin L.	Temple
Dolezel, Raymond	Nacogdoches
Flores, Plinio H.	Fort Stockton
Ford, Alan R.	Denton
Fox, Richard W.	New Boston
Fuchs, Charles R.	Nacogdoches
Galloway, Thomas L.	Mt. Pleasant
Goerdel, Auline R.	Henrietta

Texas - continued

Field Soil Scientists: continued  
 Greenwade, James M. Mineral Wells  
 Griffith, Kirby Jasper  
 Guckian, William J. Beeville  
 Hailey, Reland B. Baird  
 Hatherly, Don T. Athens  
 Hensell, James L. Fredericksburg

Jaco, Hubert B. Pecos  
 Jacobs, Jerry L. Harlingen  
 Kelly, J. David Brownwood  
 Lane, Gaylon L. Terrell  
 Lowther, Audrey C. Abilene  
 Mays, Major D. Athens  
 McClintock, Wm. R., Jr. Huntsville  
 McEwen, Harry F. Livingston  
 Miller, Wesley L. Pecos  
 Minzenmayer, Fred E. Edinburg  
 Moore, Joe D. Stephenville  
 Neitsch, Conrad L. Jasper  
 Pauls, Edward W. Denton  
 Pringle, Fred B. Terrell  
 Putnam, Lee A. Gainesville  
 Ramsey, Robert N. Del Rio  
 Ratliff, Larry F. Alice  
 Ressel, Dennis D. Paris  
 Richardson, Wayne E. Vernon  
 Rives, Jerry L. Van Horn  
 Roberts, Kirthell Mt. Pleasant  
 Rogers, Colletus A. Seymour  
 Sanders, Russell R. Laredo  
 Stevens, Jack W. Uvalde  
 Stewart, Michael W. Bellville  
 Stringer, Billy R. Meridian  
 Taylor, Frank B. Beeville  
 Thomas, Jesse R., Jr. Mt. Pleasant  
 Turner, August J. Raymondville  
 Ward, Bobby J. Terrell  
 Watson, Lonnie Odessa  
 Werchan, Leroy E. Austin  
 Wheeler, Frankie F. Houston  
 Wiedenfeld, Clarence C. San Angelo  
 Williams, DeWayne Bryan  
 Williams, Jack C. Pampa  
 Wyrick, Jim C. Cameron

Utah

State Soil Scientist:  
 Hutchings, Theron B. Salt Lake City

Asst. State Soil Sc.:  
 Olsen, Marvin E. Salt Lake City

Soil Correlator:  
 Erickson, Austin J. Salt Lake City

Field Soil Scientists:  
 Campbell, Ludene B. Morgan  
 Carley, James A. Morgan  
 Crandall, Gordon C. Cedar City  
 Donaldson, Karl M. Cedar City  
 Fish, Robert H. Nephi  
 Godfrey, Curtis L. (ML) Morgan  
 Hall, Darrell T. Provo  
 Harvey, John L. Salt Lake City  
 Hutchins, Harry M. Provo  
 Jensen, Earl H. Morgan  
 Leishman, Garth W. Cedar City  
 McKinlay, Calvin R. Richfield  
 Mortensen, Vear L. St. George  
 Nielson, Woodrow Roosevelt  
 Stott, Laural H. Richfield  
 Swenson, John L. Provo  
 Tucker, Gary Richfield

Vermont

State Soil Scientist:  
 Watson, Bruce G. Burlington

Field Soil Scientists:  
 Allen, George W. Montpelier  
 Britt, Carl T. Morrisville  
 Doles, John St. Albans  
 Dondero, Louis J. Rutland

Griggs, John E. Woodstock  
 Gowdey, Richard F. Newport  
 Joslin, Robert V. St. Albans  
 Sheehan, Wilfred J. Randolph

Virginia

State Soil Scientist:  
Googins, Richard L. Richmond

Asst. State Soil Sc.:  
Hallbick, D. C. Richmond

Soil Specialists:  
Isgrig, Dan Fredericksburg  
Cullipher, L. E. Prince George

Field Soil Scientists:  
Bailey, Moulton A. Suffolk  
Brunger, E. H. Charlottesville  
Bullard, Cecil F. Warsaw  
Burruss, Thomas R. Goochland  
Carter, John B. Charlottesville  
Cauley, P. M. Pearisburg  
Clay, John W. Richmond  
Fussell, K. E. Chase City  
Gillispie, H. L., Jr. Kenbridge  
Hockman, John R. Harrisonburg  
Holmes, Robert L. \* Winchester  
Jones, D. L. Prince George  
Judy, C. N. Roanoke  
Maupin, Randolph J. Harrisonburg  
McDaniel, Jerry C. Kenbridge  
Neal, C. R. Harrisonburg  
Nicholson, J. C. Goochland  
Robinette, Carl \* Warsaw  
Swecker, P. L., Jr. Suffolk  
Wright, J. D., Jr. Charlottesville  
Van Dine, John W. Marion

Biological Aid:  
Racey, D. L. Harrisonburg

\*Eff. 4/74

Washington

State Soil Scientist:  
Mitchel, Robert F. Spokane

Asst. State Soil Sc.:  
Richard, Gerald L. Spokane

State Soil Correlator:  
Rasmussen, Jack J. Spokane

Washington - continued

Field Soil Scientists:  
Beieler, Vern E. Wenatchee  
Call, Willard A. Ephrata  
Debose, Alfonso Puyallup  
Donaldson, Norman C. Colfax  
Edwards, Jonathan P. Colfax  
Fibich, William R. Chehalis  
Gentry, Herman R. Colfax  
Haagen, Marvin E. Chehalis  
Harrison, Eveard T. Spokane  
Hartman, George W. Lake Stevens  
Klungland, Michael W. Davenport  
Lenfesty, Charles D. Union Gap  
Michael, James C. Ephrata  
Olson, Dale L. Ephrata  
Pringle, Russel F. Chehalis  
Ross, Larry W. Ephrata  
Stockman, Dale D. Davenport  
Zulauf, Allen S. Puyallup

West Virginia

State Soil Scientist:  
Schmude, Keith O. Morgantown

Asst. State Soil Sc.:  
Andersen, Richard H. Morgantown

Soil Correlator:  
Ellyson, Walter Morgantown

Field Soil Scientists:  
Beverage, Woodrow W. Elkins  
Buchanan, William (EL) Morgantown  
Childs, Dale Morgantown  
Curry, William Romney  
Doonan, Frank Parkersburg  
Delp, Charles (EL) Parkersburg  
Estepp, Ronald Moorefield  
McKinney, Dave Beckley  
Mason, Al (MF) Romney  
Pyle, Roy Princeton  
Roth, William Parkersburg  
Sencindiver, John (EL) Parkersburg  
Sponaugle, Kelley Fairmont  
Sprinkle, Dale Moorefield  
Taylor, Ronald (MF) Moorefield

West Virginia - continued

Field Soil Scientists: continued  
 Teets, Charles Charleston  
 Van Houten, Dave Charleston  
 Wright, Edward Morgantown  
 Wright, Linton, Jr. Moorefield  
 Yoakum, Troy Elkins

Biological Aids:  
 Amick, Denver P.. Elkins  
 Becker, Robert Moorefield

Wisconsin

State Soil Scientist:  
 Klingelhoets, A. J. Madison

Asst. State Soil Sc.:  
 Anderson, Frank L. Madison

State Soil Correlator:  
 Hudelson, George W. Madison

Field Soil Scientists:  
 Barndt, Wayne D. Appleton  
 Bartelme, Robert J. Wausau  
 Boelter, Joseph M. Rhinelander  
 Denow, Kenneth A. Oshkosh  
 Elmer, Steven L. Sturgeon Bay  
 Fiala, Villiam D. Wausau  
 Frings, Steven W. Appleton  
 Glocker, Carl L. Madison  
 Gundlach, Howard F. Baraboo  
 Haszel, Orville L. Spooner  
 Jakel, Dale E. Friendship  
 Kidney, Kim Manitowoc  
 Kissinger, Everett J. Balsam Lake  
 Langton, John E. Baldwin  
 Leonard, Charles F. Oconto  
 Lindgren, Peter D. Chippewa  
 Link, Ernest G. Green Bay  
 Lorenz, Howard E. Marinette  
 Mitchell, Michael J. Oshkosh  
 Natzke, Larry L. Manitowoc  
 Omernik, David L. Jefferson  
 Otter, Augustine J. Manitowoc  
 Payne, Steve W. Antigo  
 Roberts, Bruce A. Oshkosh  
 Roberts, Dave Friendship  
 Slota, Robert W. Baraboo

Wisconsin - continued

Field Soil Scientists: continued  
 Suhs, Stephen C. Jefferson  
 Suhr, Marvin C. Manitowoc  
 Thomas, Delbert D. Eau Claire  
 Wilkinson, Charles E. Sparta

Wyoming

State Soil Scientist:  
 Kronenberger, Russell C. Casper

Asst. State Soil Sc.:  
 Fowkes, Clarence J. Casper

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 Elwonger, Waldo G. Sundance  
 Glenn, William R. Jackson  
 Iiams, Jack E. Worland  
 Joseph, Lionel Cheyenne  
 Lebruska, Robert L. Powell  
 Lewis, Donald J. Evanston  
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 Nelson, Frank L. Torrington  
 Ravenholt, Halvor B. Rock Springs  
 Shields, Paul Wheatland  
 Stephens, James R. Buffalo  
 Stevenson, Abe Cheyenne  
 Young, Jack F. Riverton



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July 1974

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NORTH DAKOTA, Bismarck	A. L. Fisk	L. D. Stratton	*N. A. McClure	D. T. Aho	A. R. Mow (8/4)	S. C. Ekart	T. L. Abshure
OHIO, Columbus	R. E. Quilliam (H. R. Hillner)	J. W. Tipple	*D. O. Kile	G. E. Bernath	J. H. Harrington, Jr.	G. J. Post	J. H. Richardson
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OREGON, Portland	J. W. Mitchell	G. D. McMillan E. P. Cook	*F. L. Miller		R. L. Fox	J. M. Allen	C. R. Hillebrandt
PENNSYLVANIA, Harrisburg	B. Martin (B. M. Ferguson)	H. E. Boyd	*C. B. Johnson (8/4)		M. R. Ice	G. J. Latashaw	W. E. Addison, Jr.
PURTO RICO, San Juan	A. H. Quintero	A. Scott		W. Cumpiano	P. Catoni-Martin	L. H. Rivera	J. V. Villafane
RHODE ISLAND, West Warwick	A. L. Patrick, Jr.						
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SOUTH DAKOTA, Huron	V. W. Shally	O. D. Fischgrabe	*P. R. Rist	W. H. Youtz	D. J. Tokach	D. L. Bannister	M. A. Ault
TENNESSEE, Nashville	P. M. Howard (G. R. Calhoun)	D. M. Treadway	*W. R. Hurst, Jr.	B. F. Headden	C. W. Toney	R. P. Sims	F. C. Scudder
TEXAS, Temple	E. E. Thomas (V. K. Haderlie)	W. C. Goodlett, Jr. J. D. Abbott Billy C. Griffin R. E. Hovel	*L. W. Crews	J. W. Arnn C. A. Rechenthin D. B. Polk	G. C. Yitsetoe	G. S. McKee	E. C. Shillingburg
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VERMONT, Burlington	C. M. Right	R. R. Shaw		T. W. Pawlowski	R. A. Gallo	B. G. Watson	R. T. Dunton
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WASHINGTON, Spokane	G. S. Bridge	F. S. Dickson, Jr.	*L. F. Kehne	R. L. Porter	S. N. Hobson	R. F. Mitchel	J. L. Scriver
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WISCONSIN, Madison	R. W. Akeley	J. R. Lesley G. W. Root	*K. F. Otte, Jr.	O. J. Berry	M. L. Knabach	A. J. Klingelhoets	D. P. Mueller
WYOMING, Casper	B. O. Halliday	H. C. Stevermer	*H. D. Sturges	G. M. Danielson	J. R. Long	E. C. Kronenberger	C. D. Craft

\*Watershed activities



SOIL CONSERVATION SERVICE  
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July 1974

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Head, Information Unit	B. A. Roth		K. A. Alverson	
Head, Soil Correlation Unit	J. D. Rourke	J. R. Coover	M. Stout, Jr.	J. M. Williams
Head, Soil Mechanics Unit			(Vacancy)	
Head, Soil Survey Investigations Unit	C. S. Holzhey		R. B. Grossman	W. D. Nettleton (Riverside)
Head, Employee Development Unit	R. G. Babeu	W. E. Chessmore	L. F. Joris	T. T. Fujii
Head, Water Supply Forecasting Unit				M. Barton
Head, EAMP Unit	A. B. Holland	J. W. Adair	E. D. Butler	P. O. Tilker
Water Resource Planning Specialist	J. T. Lewis	R. D. Peet	K. R. Voss	F. Rasmussen, Jr.
Design Engineer	G. E. Oman	D. L. Basinger	A. C. Boilesen	D. C. Ralston
Construction Engineer	E. L. Helmsy	E. N. Everett	E. E. Stipsky	J. C. Stevenson
Water Management Engineers (Ir.) (Dr.)	G. E. Stucky D. E. McCandless, Jr.	E. L. Alexander R. D. Wenberg	G. Woodward R. J. Patronsky	H. G. Collins W. F. Long
Hydraulic Engineer	N. Miller	F. P. Erichsen	W. J. Owen	W. A. Styner
Engineering Geologist	R. F. Fomner	R. H. Cole	D. H. Hixson	J. L. Holland
Sedimentation Geologist	J. L. Hunt	E. C. Nicholas, Jr.	E. M. Thorp	N. M. Curtis, Jr.
Agricultural Economist	O. W. Hofstad	T. C. Hodges	D. W. Manley	A. G. Johnson
Recreation Specialist	H. G. Uhlig	R. J. Miller	C. V. Bohart	C. M. Maesner
Soil Conservationist (River Basins)		L. V. Ledvina		C. R. Neas
Soil Mechanics Engineer	R. E. Nelson	R. B. Phillips	C. E. Dennis	J. R. Talbot
Conservation Agronomist	A. L. Oleson	T. V. Jamieson, Jr.	W. A. Hayes	F. L. Brooks, Jr.
Biologist	C. H. Thomas	O. W. Dillon, Jr.	W. H. Hamor	L. D. Marriage
Plant Materials Specialist			A. A. Thornburg	S. H. Fuchs
Range Conservationist		H. L. Leithed	J. B. Newman (8/4)	R. D. Bush
Forester	R. E. Hartung	W. J. Lloyd		W. J. Sauerwein
Resource Conservationist	G. V. Holmberg	L. W. Kimberlin	D. E. Broberg	D. E. Ball
Administrative Officer	R. F. Bailey	J. E. Brooks	R. E. Giraud	C. R. Hillebrandt
	<u>Spartanburg, South Carolina</u>		<u>Hvattsville, Maryland</u>	
Head, Cartographic Unit	B. P. Bagrowski		J. L. Jacobson	
Administrative Officer			H. C. Beaver	

UNITED STATES DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE

Washington, D. C. 20250

August 19, 1976

Power FYI  
② Tracy -  
staffing  
plan  
material  
① Culver - P.H.  
# of people  
from Univ?  
# contribution  
from Univ?

Advisory SOILS - 19

From: William M. Johnson, Deputy Administrator for Soil Survey

RE: Soil Survey Staff

The names and location of the SCS Soil Survey Staff working in the National Cooperative Soil Survey were recently updated to reflect the many changes since March 1974. The computer was used to update field soil scientists through June 23, 1976. State Soil Scientists, Technical Service Centers, and Washington Office personnel were updated through August 1, 1976.

Sufficient copies are being sent to provide copies to all SCS soil scientists, as well as cooperating agencies in the soil survey.

*William M. Johnson*

William M. Johnson  
Deputy Administrator for Soil Survey

1479 25  
1482 - 10

SO - See reverse 39 for NB  
TSC - See reverse  
WO

SEP 8 1976



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Louisiana	38
Maine	28
Maryland	16
Massachusetts	23
Michigan	37
Minnesota	57
Mississippi	34
Missouri	43
Montana	46
Nebraska	39
Nevada	29
New Hampshire	22
New Jersey	18
New Mexico	40
New York	43
North Dakota	33
Ohio	44
Oklahoma	32
Oregon	39
Pennsylvania	41
Puerto Rico	12
Rhode Island	12
South Carolina	29
South Dakota	47
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1757

33 Washington Office--Regular amount  
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<u>TSC</u>	
Northeast	15
Midwest	20
South	15
West	15

80

State vs. All other - 15.55 : 1

State vs W.O  
TSC (1837) - 55.67 : 1  
(33)

UNITED STATES DEPARTMENT OF AGRICULTURE  
Soil Conservation Service

Soil Survey Staff

August 1, 1976

---

WASHINGTON OFFICE

Deputy Administrator for Soil Survey.....William M. Johnson.....447-3905

Soil Survey Operations Division

Director.....John E. McClelland.....447-4912  
Assistant for Operations.....Westal W. Fuchs.....447-4931  
Assistant for Classification and  
Correlation (Hyattsville).....Victor G. Link.....436-8823  
Soil Scientist (Hyattsville).....Oliver R. Carter.....436-8823  
Soil Scientist (Hyattsville).....William U. Reybold III.....436-8823

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Assistant.....David F. Slusher.....447-9218  
Assistant.....Keith K. Young.....447-9218  
Chief, Soil Survey Publication  
Staff (Hyattsville).....James C. Powell.....436-8804  
Assistant.....William L. Shelton.....436-8804  
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Soil Scientist.....Guy H. Earle, Jr.....436-8804

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Research Geologist (Hyattsville).....Hsin Yuan Tu.....436-8587  
  
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Soil Scientist.....(Vacant).....436-8587  
Geographer.....G. D. Bailey.....436-8587  
  
Head, Soil Data Storage & Retrieval Unit  
(Hyattsville).....Dwight W. Swanson.....436-8587  
Soil Scientist.....John A. Thompson.....436-8587

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Assistant.....Allen R. Hidlebaugh.....447-4530  
Soil Scientist.....Keith O. Schmude.....447-6267  
Remote Sensing Specialist.....Olin D. Pockes.....447-6267

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Remote Sensing Staff (Reston, Va.)

Staff Leader.....Richard H. Gilbert.....FTS 928-7718  
 Vegetative Specialist.....David L. Schertz.....471-5886  
 Water Specialist.....George R. Murrell.....

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Soil Scientist.....L. L. Miller.....447-7731  
 Soil Scientist (Houston, Tex.).....Joseph M. Downs.....713/483-3229  
 Soil Conservationist (Houston, Tex).....Harold L. Hansen.....713/483-3229

Cartographic Division

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 Assistant (Hyattsville).....James L. Jacobson.....447-8756

SOIL SURVEY INVESTIGATIONS UNITS 50

WU 33

Midwest TSC

National Soil Survey Laboratory - Room 345 Federal Building-U.S. Court House Lincoln,  
 Nebraska 68508 (FTS) 867-5363

C. Steven Holzhey, Head and Midwest Liaison  
 Warren C. Lynn, South Liaison  
 Ronald D. Yeck, Northeast Liaison  
 W. D. Nettleton, West Liaison  
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 George W. Threlkeld  
 Maurice J. Mausback  
 Robert H. Jordon (Soil Scientist)  
 Leo C. Klameth  
 Reuben E. Nelson

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 Soil-Plant-Animal Relations -- Joe Kubota

South TSC

Soil-Geomorphology Team, Coastal Plain - Department of Soils, 287-A, Williams Hall  
 N.C. State University  
 Raleigh, North Carolina 27607 (FTS) 672-4778

Raymond B. Daniels - Head  
 Erling Gamble

(IPA) Appointment

Robert B. Grossman  
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 University of Missouri  
 Columbia, Missouri 65201

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Oliver W. Rice, r.  
Assistant Principal Soil  
Correlator (Interpretations)

Francis W. Cleveland  
Assistant Principal Soil Correlator  
(Manuscripts)

John E. Witty  
Assistant Principal Soil Correlator  
(Classification & Correlation)

David T. Van Houten  
Soil Scientist

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North, Lincoln, Nebraska 68508 FTS 867-5353

(Ill., Ind., Iowa, Kans., Mich., Mo., Nebr., N. Dak., S. Dak., Ohio, Wisc.)

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Principal Soil Correlator

R. I. Turner  
Assistant Principal Soil  
Correlator (Classification)

Paul R. Johnson  
Assistant Principal Soil Correlator  
(Interpretations)

Gerald J. Post  
Assistant Principal Soil  
Correlator (Classification)

Kenneth C. Hinkley  
Assistant Principal Soil Correlator  
(Classification)

Roy M. Smith  
Assistant Principal Soil  
Correlator (Manuscripts)

Louie L. Buller  
Assistant Principal Soil  
Correlator (Classification)

South TSC - P.O. Box 6567, Ft. Worth, Texas 76115 FTS 334-5403

(Ala., Ark., Fla., Ga., Ky., La., Miss., N.C., Okla., S.C., Tenn., Tex.)

Joe D. Nichols  
Principal Soil Correlator

James A. DeMent  
Assistant Principal Soil  
Correlator (Classification)

Gerald J. Latshaw  
Assistant Principal Soil Correlator  
(Manuscripts)

Gordon Decker  
Assistant Principal Soil  
Correlator (Classification)

Franklin T. Miller  
Assistant Principal Soil Correlator  
(Interpretations)

Talbert Gerald  
Assistant Principal Soil  
Correlator (Class. & Interp.)

West TSC - 511 N.W. Broadway, Portland, Oregon 97209 FTS 423-2826

(Alaska, Ariz., Calif., Colo., Hawaii., Idaho., Mont., Nev., Oreg., Utah., Wash.,  
Wyo., N. Mex.)

J. Melvin Williams  
Principal Soil Correlator

J. Ellsworth Brown  
Assistant Principal Soil  
Correlator (Classification)

Assistant Principal Soil Correlator  
(Reports)

Richard A. Dierking  
Assistant Principal Soil  
Correlator (Classification)

Soil Scientist  
Royer B. Parsons

Lucien N. Langan  
Assistant Principal Soil  
Correlator (Interpretations)

Geologist  
John Hawley

Jim Carley  
Soil Scientist (Interpretations)

FOREIGN ASSIGNMENTS

Luther C. Geiger      Liberia

K. E. Larson          Pakistan

Richard H. Anderson      Afghanistan



STATE SOIL SCIENTISTS

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Auburn, Alabama 36830  
FTS 534-4542

✓ Morris E. Shaffer  
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355 East Hancock Avenue  
P.O. Box 832  
Athens, Georgia 30601  
FTS 289-2278

69 Samuel Rieger  
204 E. Fifth Avenue  
Room 217  
Anchorage, Alaska 99501  
\*FTS 907-745-4271

Room 440  
Alexander Young Building  
Honolulu, Hawaii 96813  
\*\*FTS 808-546-3165

✓ Carl W. Guernsey  
North 1st Avenue  
6029 Federal Building  
Phoenix, Arizona 85025  
FTS 261-6931

69 Darrell L. Gallup  
Room 345  
304 North 8th Street  
Boise, Idaho 83702  
FTS 588-2613  
8-

✓ Carl A. McGrew  
P.O. Box 2323  
Little Rock, Arkansas 72203  
FTS 740-5419

✓ Earl E. Voss  
Federal Building  
P.O. Box 678  
Champaign, Illinois 61820  
FTS 958-9125

✓ Richard C. Huff  
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P.O. Box 1019  
Davis, California 95616  
CML 916/758-2200 x250

✓ Raymond H. Sinclair, Jr.  
Atkinson Square-West  
Suite 2200  
5610 Crawfordsville Road  
Indianapolis, Indiana 46224  
FTS 331-6140

✓ Thomas W. Priest  
P.O. Box 17107  
Denver, Colorado 80217  
FTS 327-3258

5791

✓ Gilbert R. Landtiser  
823 Federal Building  
210 Walnut Street  
Des Moines, Iowa 50309  
FTS 862-4260

✓ Edward H. Sautter  
Mansfield Professional Park  
Route 44A  
Storrs, Connecticut 06280  
FTS 244-2547

69 Charles W. McBee  
760 South Broadway  
P.O. Box 600  
Salina, Kansas 67401  
FTS 752-9728

Delaware (See Maryland)

69  
N 72 Robert W. Johnson  
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P.O. Box 1208  
Gainesville, Florida 32602  
FTS 946-3871

✓ Glenn E. Kelley  
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Lexington, Kentucky 40504  
FTS 355-2753

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Thru FTS Washington, D.C.  
202-967-1221

\*\* Thru FTS San Francisco, California  
415-556-0220

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3737 Government Street  
P.O. Box 1630  
Alexandria, Louisiana 71301  
FTS 497-6611

*N* John A. Ferwerda  
USDA Building  
University of Maine  
Orono, Maine 04473  
FTS 833-7393

*69* Robert L. Shields  
Hartwick Building  
Room 522  
4321 Hartwick Road  
College Park, Maryland 20740  
FTS 344-4180

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29 Cottage Street  
Amherst, Massachusetts 01002  
CML 413-549-0650

*N* Rodney F. Harner  
1405 South Harrison Road  
East Lansing, Michigan 48823  
FTS 374-4248

*69* Francis M. Scilley  
*N72* 200 Federal Bldg. & U.S. Courthouse  
316 North Robert Street  
St. Paul, Minnesota 55101  
FTS 725-7679

*69* Richard C. Carter  
*N72* Milner Building, Rm. 590  
P.O. Box 610  
Jackson, Mississippi 39205  
FTS 490-4339

*69* James H. Lee  
*N72* Parkade Plaza Shopping Ctr.  
(Terrace Level)  
P.O. Box 459  
Columbia, Missouri 65201  
FTS 276-~~3443~~

276-3277

Thru FTS Washington, D.C.  
202-967-1221

*69* Jack W. Rogers  
*N72* Federal Building  
P.O. Box 970  
Bozeman, Montana 59715  
FTS 585-~~4226~~

-4226

*69* James R. Culver  
*N72* Federal Bldg. U.S. Courthouse  
Room 345  
100 Centennial Mall, North  
Lincoln, Nebraska 68508  
FTS 867-5322

*69* Edmund A. Naphan  
Room 308  
U.S. Post Office Building  
P.O. Box 4850  
Reno, Nevada 89505  
FTS 598-5304

*69* Sidney A. Pilgrim  
Federal Building  
Durham, New Hampshire 03824  
FTS 834-0505

*69* Marco L. Markley  
*N72* 1370 Hamilton Street  
P.O. Box 219  
Somerset, New Jersey 08873  
FTS 342-5225

*N* Oran F. Bailey  
517 Gold Avenue, S.W.  
P.O. Box 2007  
Albuquerque, New Mexico 87103  
FTS 474-3277

*N* Frederick L. Gilbert  
Midtown Plaza Rm 400  
700 East Water Street  
Syracuse, New York 13210  
FTS 951-3530

*69* Hubert J. Byrd  
310 New Bern Ave., Rm. 544  
Federal Office Building  
P.O. Box 27307  
Raleigh, North Carolina 27611  
FTS 672-4668

- N Sylvester C. Ekart  
Federal Building  
P.O. Box 1458  
Bismarck, North Dakota 58501  
FTS 783-4435
- N Kelso K. Huffman  
311 Old Federal Building  
3rd & State Streets  
Columbus, Ohio 43215  
FTS 943-6780
- N Bobby T. Birdwell  
Agricultural Center Office  
Building  
Farm Road & Brumley Street  
Stillwater, Oklahoma 74074  
FTS 743-4246
- N J. M. Allen  
Washington Building  
1220 S.W. 3rd Avenue  
Portland, Oregon 97204  
FTS 423-2794
- N Arthur D. Kuhl  
Federal Building and  
U.S. Courthouse  
Federal Square Station  
Harrisburg, Pennsylvania 17108  
FTS 590-3389
- 69 Luis H. Rivera  
Caribbean Area  
G.P.O. Box 4868  
San Juan, Puerto Rico 00936  
\*FTS 809-725-8966
- Rhode Island (See Connecticut)
- N Donald C. Hallbick  
One Greystone West Building  
240 Stoneridge Drive  
Columbia, South Carolina 29210  
FTS 677-5682
- N Donald L. Bannister  
239 Wisconsin Avenue, S.W.  
P.O. Box 1357  
Huron, South Dakota 57350  
FTS 782-2338
- N Raymond P. Sims  
561 U.S. Court House  
Nashville, Tennessee 37203  
FTS 852-5476
- N Charles M. Thompson  
16-20 South Main Street  
P.O. Box 648  
Temple, Texas 76501  
FTS 736-1261
- 69 Theron B. Hutchings  
4012 Federal Building  
125 S. State Street  
Salt Lake City, Utah 84138  
FTS 588-5054
- 69 Bruce G. Watson  
1 Furlington Square, Suite 205  
Burlington, Vermont 05401  
FTS 832-6261/x6287
- 69 Richard L. Googins  
N72 Federal Building, Rm 9201  
P.O. Box 10026  
Richmond, Virginia 23240  
FTS 925-2463
- 69 Robert F. Mitchel  
360 U.S. Courthouse  
West 920 Riverside Avenue  
Spokane, Washington 99201  
FTS 439-3713
- N William F. Hatfield  
U.S. Post Office and  
Federal Office Building  
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Morgantown, West Virginia 26505  
FTS 923-7151
- 69 A.J. Klingelhoets  
4601 Hammersley Road  
P.O. Box 4248  
Madison, Wisconsin 53711  
FTS 364-5343
- N George F. Otte  
Federal Office Building  
P.O. Box 2440  
Casper, Wyoming 82601  
FTS 328-5207

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N = 28  
69 = 8  
N72 = 8  
69 = 12  
48

SOIL SCIENTISTS AND BIOLOGICAL AIDS (SOILS)  
(Titles shown are those designed by states)

Alabama

State Soil Scientist:  
Guthrie, Richard L.

Asst. State Soil Sc.:  
Lewis, David E., Jr.

Field Soil Scientists:

Anderson, William V.  
Berry, Joe L.  
Bowman, James E.  
Bowen, Charles D.  
Childs, C. Joel  
Cotton, James A.  
Fox, Bobby C.  
Harris, MacArthur C.  
Hickman, Glenn L.  
Johnson, Kenneth W.  
Mattox, Martin G.  
Montgomery, Charles F.  
McNutt, Robert B.  
Neal, Harold B.  
Owens, Charles  
Parmer, Delarie  
Ratliff, Larry F.  
Reeves, Willard J.  
Spivey, Lawson D., Jr.  
Stevens, Robert W.  
Stubbs, Cleo  
Trayvick, Johnny C.  
Tuck, Milton

Auburn

Selma  
Birmingham  
Tuscaloosa  
Decatur  
New Brockton  
Hamilton  
Hamilton  
New Brockton  
Grove Hill  
Tuscaloosa  
Mobile  
Pell City  
Opelika  
Pell City  
Mobile  
Decatur  
Auburn  
Selma  
Birmingham  
Columbiana  
Columbia  
Tuscaloosa  
Opelika

Alaska

State Soil Scientist:  
Rieger, Samuel

Palmer

Field Soil Scientists:

Furbush, Clarence E.  
Schoephorster, Dale B.

Palmer  
Palmer

Arizona

State Soil Scientist:  
Guernsey, Carl

Phoenix

Asst State Soil Sc.:  
Jay, James

Phoenix

Soil Scientist (RB/WS)  
Miller, Mack

Phoenix

Field Soil Scientists:

Adams, Elmer D.  
Ames, Dal F.  
Barmore, Russel L.  
Craft, Thomas J.  
DeWall, Alfred A.  
Dye, Hayes C.  
Jacoby, Harlan E.  
Johnson, William W. Jr.  
Richardson, Merlyn L.  
Richmond, Dave L.  
Schurig, Rudolph G.  
Taylor, Don R.  
Wheeler, Timothy J.  
Wiggins, Thomas J.  
Yee, Mon S.

Casa Grande  
Holbrook  
Yuma  
Phoenix  
Stafford  
Casa Grande  
Yuma  
Wellton  
Tucson  
Phoenix  
Buckeye  
Flagstaff  
Holbrook  
Douglas  
Phoenix

Arkansas

State Soil Scientist:  
McGrew, Carl A.

Little Rock

Asst. State Soil Sc.:  
Fultz, Charles

Little Rock

Soil Interp. Spec.:  
Quandt, Loyal A.

Little Rock

EL - Education Leave  
ML - Military Leave  
MF - Military Furlough

P/T - Part Time  
S/T - Student Trainee  
T - Trainee

Arkansas - continued

Field Soil Scientists:

Avery, Don C.	Monticello
Brown, James H.	Batesville
Cox, John B.	Fort Smith
Danzie, Bobby E.	Nashville
Ferguson, Dick V.	Jonesboro
Fielder, Richard T.	Lonoke
Fortner, Thomas W.	El Dorado
Garner, Billy A.	Fort Smith
Gill, Hiram V.	Monticello
Gore, Warren A.	Searcy
Haley, George J.	Little Rock
Harper, M. Dean	Harrison
Harris, Cornelius	Little Rock
Hoelscher, James E.	Arkadelphia
Howard, David A.	Harrison
Laurent, Glenn D.	Texarkana
McCright, Richard T.	Mountain Home
McFadden, Clarence E.	Batesville
Minor, Mose, Jr.	Texarkana
Phillips, William W. (IPA)	Huntsville
Ransom, Michel D.	Arkadelphia
Rowlett, James F.	Salem
Townsend, William R.	Conway
Vodrazka, Frank M.	Russellville
Ward, Larry B.	Mountain Home
Williams, Leddis	Texarkana
Wilson, Curtis R.	Conway
Winfrey, Alex L.	Russellville

California - continued

Soil Specialists:

Cook, Terry D.	Santa Rosa
Hartman, George W.	Fresno
Sketchley, Harold R.	Sacramento

Field Soil Scientists:

Anderson, Carl H., Jr.	Hanford
Arroues, Kerry D.	Hanford
Bartlett, Christine A.	Petaluma
Beutler, Charles S.	Florin
Bowman, Roy H.	Watsonville
Burlingame, Harold V.	Hanford
Caudill, Thomas A.	Petaluma
Chang, Kan Kim	Bakersfield
Day, Larry A. (S/T/, LWOP)	San Luis Obispo
Ernstrom, Daniel J.	San Luis Obispo
Ferrari, Charles A.	Paso Robles
Florin, John W.	Apple Valley
Gallegos, Juan A.	Florin
Hansen, Robert W.	Petaluma
Hill, Hal L.	Bakersfield
Jahnke, Joseph J.	Visalia
Jones, Griffith S.	Bakersfield
Kashiwagi, James H.	Ukiah
Lang, Gregory K.	Susanville
Lindsey, Wesley C.	Paso Robles
McElhiney, Michael A.	Hanford
Nazar, Paul G.	Los Banos
Neikirk, William T. Jr.	Paso Robles
Newlun, Jesse J.	Yreka
Parker, Thomas P.	Ukiah
Pittman, Donald G.	Yreka
Rabey, Daniel F. (IPA)	Dixon
Regal, James F.	Bakersfield
Reganold, John P.	Watsonville
Romito, Guy J.	Stockton
Sheldon, Wayne B.	Ukiah
Smith, Christopher W.	San Luis Obispo
Stephens, Floyd G.	Visalia
Swearingen, Charles V.	Stockton

California 4.8 / 9.25

State Soil Scientist:

Huff, Richard C. Davis

Asst. State Soil Sc. Corr.:

Kover, Richard W. Davis

Soil Scientist - Interp.:

Rogers, John Davis

Soil Scientist - Mans.:

Hoppes, Ronald R.

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34

California - continued

Thorson, Thor D.	Florin
Valverde, Mario	Bakersfield
Vaughn, Daniel E.	
Vinson, Eric N.	Paso Robles
Wachtell, John K.	Susanville
Weatherford, John J.	Visalia
Weaver, Kenneth E.	Lakeport
Weiss, Judly L.	Yreka
Welch, Lawrence E.	Stockton
White, Donald F.	Stockton
Woodruff, George A.	Apple Valley
Zimmerman, Robert P.	Lakeport

Colorado - continued

Stover, Richard C.	Walsenburg
Thorsheim, Linda M.	Lakewood
Tripp, William P.	Meeker
Wickman, Donald W.	Denver
Williams, Leslie W.	Meeker
Yenter, James M.	Alamosa

32  
Connecticut

State Soil Scientist:		
Sautter, Edward H.		Storrs
Field Soil Spec.:		
Gonick, Walter N.		Wallingford
Field Soil Scientists:		
Cocharan, Robin A.		Bethel
Crouch, Marc H.		Haddam
Gale, Phillip S.		Haddam
Reynolds, Charles A.		Wallingford
Wolf, Barrie L.		Bethel

Delaware

State Soil Scientist:		
Shields, Robert		College Park, Md.
Soil Specialist:		
Hall, Richard L.		Salisbury, Md.

Florida

State Soil Scientist:		
Johnson, Robert W.		Gainesville
Asst. State Soil Sc.:		
Brasfield, James F.		Gainesville
Asst. State Soil Sc.:		
Huckle, Horace F.		Gainesville
Field Soil Scientists:		
Allen, William J.		Marianna
Ammons, Harold C.		Marianna
Baldwin, Robert		DeLand
Bush, Chester E.		DeLand
Cruz, Orlando E. Sr.		Palm City
Cummings, Eddie		Gainesville
Duffee, Ernest M.		Marianna
Ford, Richard D.		Bartow
Henderson, Warren G. Jr		Punta Gorda
Hinton, Robert B.		DeLand

Colorado 10.6

State Soil Scientist:		
Priest, Thomas W.		Denver
Asst. State Soil Sc.:		
Dansdill, R.K.		Denver
Soil Correlator:		
Montgomery, R. H.		Denver
Field Soil Scientists:		
Albee, Stanley R.		Kiowa
Alstatt, D. L.		Meeker
Amen, Alan E.		Lakewood
Anderson, D.L.		Eads
Bargsten, Thomas S.		Kremmling
Benton, Bernardo A.		Durango
Crabb, James A.		Greeley
Deutsch, Paul C.		Craig
Fletcher, Louis A.		Craig
Geib, Everett E.		Kiowa
Harman, Jerry B.		Glenwood Springs
Hawn, William S.		Meeker
Holden, Dale L.		Denver
Hunter, William		Montrose
Larsen, Lynn S.		Kiowa
Larsen, Roy J.		Yuma
Lesh, John G.		Eads
McCullough M.B.		Walsenburg
Marx, John C.		Walsenburg
Moreland, Donald C.		Fort Collins
Murray, Donald J.		Glenwood Springs
Pannell, James P.		Durango
Petersen, Michael L.		Kremmling
Radek, Kenneth J.		Alamosa
Schroeder, Darrell L.		Kremmling
Spears, Clayton F.		Grand Junction

Florida - continued

Houston, Theophilus, B. Lake City  
 Howell, David A. Jacksonville  
 Hyde, Adam G. Brooksville  
 Law, Lloyd Jr. Brooksville  
 Lewis, Douglas L. Jacksonville  
 McCollum, Samuel H. Palm City  
 Moore, Allen L. Kissimmee  
 Nichols, Paul Jr. Tallahassee  
 Peters, Craig R. Milton  
 Readle, Elmer L. Kissimmee  
 Roberts, Alfred Milton  
 Robbins, John M. Jr. Bartow  
 Sanders, Therman E. Tallahassee  
 Stankey, Daniel L. Ft. Pierce  
 Stem, Leon T. Jacksonville  
 Thomas, Buster P. Gainesville  
 Warmack, William B. Kissimmee  
 Watts, Frank C. Ft. Pierce  
 Weatherspoon, Robert L. Brooksville  
 Weeks, Herbert H. Milton  
 Wittstruck, William H. Gainesville  
 Wolfe, James A. DeLand  
 Yamataki, Howard Jacksonville

Georgia

State Soil Scientist: Shaffer, Morris E. Athens  
 Asst. State Soil Sc.: Rehner, Richard Athens  
 State Soil Correlator: Bramlett, G. L. Athens  
 Field Soil Scientists:  
 Ammons, John T. Dawsonville  
 Avent, Zack E. Elberton  
 Bill, Gary A. Albany  
 Elevins, Marion M. Jr. Decatur  
 Bramlett, Glenn L. Athens  
 Brooks, Jule F. Carrollton  
 Brown, Jack R. Statesboro  
 Calhoun, John W. Tifton  
 Carson, Winfield S. Hiawassee  
 Coleman, Tommy L. Statesboro  
 Frost, Louie W. Jr. Elberton

Georgia - continued

Gaither, Gene A. Rome  
 Green, Alfred Waycross  
 Hutchins, Harry M. Augusta  
 Johnson, John H. Columbus  
 Looper, Edward E. Dublin  
 Middleton, Royce G. Albany  
 Murphy, James O. Decatur  
 Raulk, Herschel L. Statesboro  
 Pilkinton, Jerry A. Albany  
 Rehner, Richard Athens  
 Rigdon, Thomas A. Waycross  
 Shaffer, Morris E. Athens  
 Smith, Ernest H. Dublin  
 Stevens, Joseph G. Valdosta  
 Tate, Ray J. Rome  
 Thomas, Grover J. Jr. Decatur  
 Thomas, Mack, Jr. Columbus  
 Wilkes, Robert L. Hinesville  
 Woods, John C. Perry

Hawaii

State Soil Scientist: Honomu

Field Soil Scientists: Nakamura, Sakuichi Honomu

Idaho

State Soil Scientist: Gallup, Darrell L. Boise

Asst. State Soil Sc.: Daniels, D. Max Boise

State Soil Corr.: Logan, Glen H. (temp) Boise

Field Soil Scientists:  
 Barker, Raymond J. Moscow  
 Biggerstaff, Harold W. Pocatello  
 Case, Charles W. Gooding  
 Collett, Russell A. Meridian  
 Harris, William T. Twin Falls  
 Hilton, Clyde J. Rexburg



Idaho- continued

Jorgensen, Wendell	St. Anthony
Kreger, Arthur E.	Meridian
Laing, Larry E.	Burley
Maxwell, Harold B	Burley
McCarver, Harry C. Jr	Grangeville
Miles, Ray L.	Idaho Falls
Monroe, Gary A.	Gooding
Muckel, Gary B.	Twin Falls
Noe, Harley R.	Rigby
Peterson, Peter N	Moscow
Priest, Thomas W.	Boise
Rasmussen, Lawrence M.	Weiser
Tiedeman, James A.	Coeur d Alene
Weisel, Charles J.	Coeur d Alene

Illinois - continued

Nelson, Charles E.	Morris
Phillips, Donald B.	Greenville
Reinebach, Loyal M.	Kankakee
Smith, David L.	Kankakee
Steinkamp, James F.	Lincoln
Walker, Michael B.	Kankakee
Wallace, Donald L.	Edwardsville
Windhorn, Roger D.	Champagne
Zwicker, Steven E.	Amboy

Indiana

State Soil Scientist:	Sinclair, H. Raymond	Indianapolis
Asst. State Soil Sc.:	Sanders, Frank W.	Indianapolis
Soil Specialist - Interp.:	Davis, Leon B.	Indianapolis
Soil Scientist:	Williams, Dewayne	Indianapolis
Field Soil Scientists:	Barnes, James R.	Knox
	Benton, Hezekiah, Jr.	Plymouth
	Bernard, John R.	Jasper
	Blank, James R.	Richmond
	Brock, Rex A.	Valparaiso
	Davis, Leon B.	Indianapolis
	Deal, Jack M.	Peru
	Douglas, Walter W.	Logansport
	Farmer, Denver L.	Angola
	Froehle, Charles E.	Frankfort
	Furr, Grover F., Jr.	La Porte
	Hamilton, Gary	Madison
	Hillis, John H.	Kendallville
	Hosteter, William D.	Frankfort
	Jensen, Earnest L.	Auburn
	Kelly, Leo A.	Vincennes
	Kirschner, Frank R.	Lafayette
	Langlois, Karl H., Jr.	Monticello
	McCarter, Paul, Jr.	Brazil
	McElrath, George, Jr.	Greencastle
	McWilliams, Kendall M.	Mt. Vernon

✓ Illinois 10.0

State Soil Scientist:  
Voss, Earl E. Champaign

Asst. State Soil Sc.(Interp.):

3 Asst. State Soil Sc.(Corr.):  
Scott, J. W. Champaign

Field Soil Scientists:

Acker, Lawrence L.	Sterling
Alexander, Jerald L.	Morris
Awalt, Fred L.	Effingham
Berning, Gerald V.	Springfield
Bushue, Lester J.	Macomb
Cochran, Christopher C.	Champagne
Currie, Bruce E.	Carbondale
Dickerson, William M. Jr.	Cambridge
Dungan, Lewis A.	Anna
Fehrenbacher, Donald J.	Watseka
Goddard, Tyrone M.	Edwardsville
Gotsch, Kenneth A.	Springfield
Grantham, Dana, R.	Rockford
Herman, Raymond J.	Cambridge
Higgins, Stephen K.	Amboy
Hodges, Mack S.	Sterling
Keller, George T.	Sterling
Kiefer, Linus M.	Watseka
Mapes, Donald R.	Lisle
Miles, Clifford C.	Carbondale
Mount, Henry R.	Champagne

Indiana - continued

Nagel, Byron G.	Aurora
Neeley, Travis	Vincennes
Nickell, Allan K.	Madison
Pirtle, Bobby L.	Muncie
Robards, Mac H.	Greencastle
Ruesch, Donald R.	Wabash
Shively, Jerold L.	Greensburg
Smallwood, Benjamin F.	La Porte
Staley, Larry R.	Warsaw
Sturm, Ralph H.	Martinsville
Thomas, Jerry A.	Bloomington
Williams, Dewayne	Indianapolis
Wingard, Robert C., Jr.	Paoli

Iowa - continued

Fisher, Charles S.	Des Moines
Fouts, William L.	Independence
Hanson, Laurence T.	Spirit Lake
Harman, Harvey A.	Spencer
Hart, James	Malcolm
Harvey, Elmer H.	Malcolm
Haynes, Frank L.	Carroll
Helzer, Norman P.	Marshalltown
Highland, John D.	Ames
Johnson, Norman L.	Hampton
Johnson, Larry K.	DeWitt
Jones, Robert G.	Algona
Koppen, Maynard P.	Rockwell City
Kuehl, Ronald J.	Elkader
Lensch, Richard A.	Algona
Lindgren, Gary A.	Ackley
Lockridge, Earl D.	Carroll
Lucassen, John A.	Allison
Miller, Lonnie R.	Fairfield
Minger, Mark J.	Independence
Muhs, Daniel R.	Algona
Mulder, William N.	Iowa City
Nestrud, Lorne M.	Malcolm
Nixon, John R.	Malvern
O'Connor, Thomas J.	Hampton
Oelmann, Douglas B.	Marshalltown
Pisarik, Patrick A.	Malvern
Powers, Roderick D.	Knoxville
Preloger, David E.	Allison
Reckner, Ronald L.	Spirit Lake
Reeves, David L.	Mason City
Russell, Robert C.	Marshalltown
Sabata, Larry R.	De Witt
Sadler, Paul V.	Marshalltown
Schermerhorn, Edward J.	Iowa City
Seaholm, James E.	Fairfield
Sherwood, Max A.	Carroll
Tepfer, Freda S.	Fairfield
Voy, Kermit D.	Hampton
Wiemann, Michael J.	Algona
Williamson, Neal D.	Iowa City
Wilson, John H.	Elkader
Wilson, Clyde, Jr.	Mason City
Wisner, Robin J.	Elkader
Worster, John R.	Ames

✓ Iowa 11.6

State Soil Scientist:  
Landtiser, Gilbert R. Des Moines

Asst. State Soil Sc.:  
Fisher, Charles S. Des Moines

Soil Sc. Field Spec.:  
Highland, John D. Ames

Soil Sc. Field Spec.:  
Lockridge, Dale Ames

Soil Sc. Field Spec.:  
Worster, John R. Ames

5

Field Soil Scientists:

Andrews, Wells F.	Boone
Boeckman, Louis E.	De Witt
Bragg, Willie D.	Malvern
Branham, Charles E.	Grundy Center
Brown, Melvin D.	Burlington
Buckner, Russell L.	Charles City
Clarks, Bennie, Jr.	Grundy Center
Collins, Mary E.	Elkader
Dankert, Wayne N.	Spirit Lake
Davis, Lyle L.	Independence
DeWitt, Thomas A.	Mason City
Dideriksen, Robert O.	Boone
Finley, Richard D.	Rockwell City

✓ Kansas 8.3

State Soil Scientist:  
McBee, Charles W. Salina

Asst. State Soil Sc.:  
Fenwick, Richard W. Salina

3 Soil Correlator:  
Haberman, Roger L. Salina

Field Soil Scientists:  
Angell, Raymond C. Atwood  
Barker, Wesley L. Colby  
Bell, Elbert L. Ft. Scott  
Campbell, Howard V. Altamont  
Dickey, Harold P. Lawrence  
Dodge, Darold A. Great Bend  
Fleming, Edward L. Altamont  
Fortner, Jim R. Paola  
Gier, Donald A. Marysville  
Grimwood, Thomas D. Minneapolis  
Hamilton, Vernon L. Beloit  
Hoffman, Bruce R. Kingman  
Horsch, Marcellus L. Winfield  
Jantz, Donald R. Abilene  
Kutnink, Paul R. Westmoreland  
Neill, James T. Emporia  
Palmer, Cecil D. Stockton  
Penner, Harold L. Paola  
Rott, Donald E. McPherson  
Saffry, Orville W. Abilene  
Sallee, Kenneth H. Troy  
Swanson, Deane W. Burlington  
Tomasu, Bob I. Meade  
Wehmuehler, William A. La Crosse  
Zimmerman, Jerome L. Mound City

25

Kentucky

State Soil Scientist:  
Kelley, Glenn E. Lexington

Asst. State Soil Sc.:  
Aims, Fred S. Lexington

Soil Correlator:  
Newton, John H. Lexington

Kentucky - continued

Barton, Arlin J. Bowling Green  
Cox, Frank R., Jr. Owensboro  
Craddock, William H. Bowling Green  
Dye, James W. Bowling Green  
Fehr, James P. Somerset  
Forsythe, Rudy Cynthiana  
Froedge, Ronald D. Hopkinsville  
Froedge, Ronnie B. Williamstown  
Hail, Carl W. Shelbyville  
Hayes, Raymond A. Hazard  
Humphrey, Maurice E. Cadiz  
Jacobs, Eullas H. Dixon  
Keltner, David S. Dixon

Leathers, Thomas R. Campbellsville  
Love, Paul M. Morehead  
McDonald, Herman P. Lexington  
Mitchell, Michael J. Hopkinsville  
Newton, Darwin L. Ashland

Richardson, Alfred J. Cynthiana  
Ross, James C. Campbellsville  
Weisenberger, Billy C. Williamstown  
Whitaker, Orville J. Louisville  
Wilson, Byron L. Cadiz  
Wood, Pamela A. Lexington

Louisiana

State Soil Scientists:  
Touchet, B. Arville Alexandria

Asst. State Soil Sci.:  
Loftin, L. L. Alexandria

Soil Correlator:  
Cockerham, W. L. Alexandria

Field Soil Scientists:  
Allen, E. T. Bastrop  
Bowden, Gail L. Baton Rouge  
Boyd, William H. Baton Rouge  
Butler, Clyde L. Natchitoches  
Daigle, Jerry J. Lafayette  
Dance, Ray E. Donaldsonville

Louisiana - continued

Daugereaux, Dennis J.	Shreveport
Edwards, Jimmy P.	Shreveport
Guillory, Charles M.	Winnsboro
Jordan, Marlin R.	Oberlin
Kilpatrick, W. W.	Oberlin
Lyles, James E., Sr.	Baton Rouge
Magoun, Jerol W.	Shreveport
Martin, Charles E.	Winnsboro
Martin, Paul G.	Shreveport
Matthews, Stanley D.	Baton Rouge
McDaniel, Donald R.	Oberlin
Murphy, Kenneth E.	Lafayette
Powell, John W.	Baton Rouge
Reynolds, Emmett F.	Rayville
Roy, Audrey J.	Jennings
Spicer, Bradley E.	Baton Rouge
Trahan, Larry J.	Winnsboro
Vidrine, J. K.	Oberlin
Weems, Tracey, A.	Tallulah

Maine

State Soil Scientist:	
Ferwerda, John A.	Orono
Soil Specialist:	
LaFlamme, Kenneth J.	Orono
Field Soil Scientists:	
Arno, John R.	Dover Foxcroft
Bailey, Manley H.	Rockland
Butler, Theodore H., Jr.	Rockland
Clark, Donald O.	Ellsworth
Durgin, Dennis P.	Sanford
Flewelling, Lawrence R.	Ellsworth
Grisi, Brian F.	Dover Foxcroft
Hedstrom, Gary T.	Rockland
Hughes, Paul A.	Sanford
Jordan, Glendon B.	Dover Foxcroft
Joslin, Robert V., Jr.	Orono
Kalloch, Norman R., Jr.	Farmington
Lisante, Robert H.	Ellsworth
Miller, Jonathan W.	Ellsworth
Nelson, Dana F.	Belfast
Popp, David J.	Belfast

Maryland

State Soil Scientist:	
* Shields, Robert L.	College Park
Field Soil Scientists:	
Gibson, Joseph W.	La Plata
Haagen, John T.	Westminster
*Hall, Richard L.	Salisbury
Smith, Horace	College Park
White, Edgar A., Jr.	College Park
*Also serves as soil specialist for Delaware	

Massachusetts

State Soil Scientist:	
Grice, Darrell G.	Amherst
Field Specialist:	
Mott, J. R.	Amherst
Field Soil Scientists:	
Fletcher, Peter C.	Raynham
Francis, Everette L.	Holden
Fuller, Donald C.	Danburg
Handler, John R.	Holden
Hotz, Charles F.	Holden
Mott, John R.	Amherst
Roffinoli, Rino J.	Raynham
Scanu, Richard J.	Pittsfield
Stanke, Gary B.	Bristle
Swenson, Eric I.	Hadley
Thompson, Bruce W.	South Yarmouth

Michigan

State Soil Scientist:	
Harner, Rodney F.	East Lansing
Asst. State Soil Sc.:	
(Interpretations)	
Thompkins, Edward A.	East Lansing
Asst. State Soil Sc.:	
(Correlation)	
Stroesenreuther, Neil W.	East Lansing

Michigan - continued

Field Soil Scientists:

Austin, Franklin R.	Kalamazoo
Berndt, Loren W.	Marquette
Bowman, William L.	Jackson
Buchanan, Donald E.	Traverse City
Corder, Paul G.	Harrison
Cowan, Emily S.	Bad Axe
Dumont, Joseph R.	Harrison
Engel, Robert J.	Jackson
Feenstra, James E.	Pontiac
Frederick, William E.	Bad Axe
Holcomb, Sheldon G.	Grayling
Hutchison, Dennis E.	Midland
Konwinski, Gary R.	Kalamazoo
Larson, Jerry D.	St. Joseph
Larson, Richard L.	Traverse City
Linsemier, Lyle H.	Bad Axe
Metttert, Wesley K.	Flint
Olson, Ronald W.	Pontiac
Pregitzer, Karl E.	Grand Rapids
Purkey, Thomas H.	Marquette
Ryland, Willard C.	Flint
Schwenner, Charles F.	Jackson
Urka, Martin C.	Jackson
Weesies, Glenn A.	Bay City

Minnesota

State Soil Scientist:

Scilley, Francis M.	St. Paul
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Asst. State Soil Sc.:

Bruns, Edward L.	St. Paul
------------------	----------

Field Specialist:

Cummins, Joseph F.	St. Peter
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Soil Correlator:

Finney, Harlan R.	St. Paul
	U of M

Field Soil Scientists:

Aas, Ward J.	Thief River Falls
Aldeen, David L.	Rochester
Barron, Donald D.	Thief River Falls

Minnesota - continued

Brug, William H., Jr.	Montevideo
Bruns, Edward L.	St. Paul
Carlson, Carroll, R.	Owatonna
Carr, Charles E.	Moorehead
Christensen, Keith A.	Brooklyn Center
DeMartelaere, Donald E.	Fergus Falls
Diedrick, Raymond T.	St. Paul
Diers, Richard W.	Thief River Falls
Diers, Marc P.	St. Peter
Dykhuizen, Duane R.	Sauk Centre
Genrich, Raymond C.	Montevideo
Giencke, Allan G.	Sauk Centre
Hall, Jon F.	Fergus Falls
Heinze, Dennis A.	St. Peter
Heschke, Rodney B.	Sauk Centre
Hetzler, Robert L.	Farmington
Hokanson, Hilding L.	Marshall
Hundley, Steven J.	Farmington
Jackson, Thomas C.	Marshall
Jacobson, Malvern N.	Moorehead
Jacobson, Alan E.	Duluth
Lewis, Royce R.	Duluth
Lieser, Michael L.	Marshall
Lueth, Robert A.	Lewiston
Matzdorf, Kenneth D.	Redwood Falls
McCormick, Gerald W.	Rochester
Murray, James J.	Redwood Falls
Nelson, Gary D.	Marshall
Nordin, John O.	Brooklyn Center
Nyberg, Paul R.	Grand Rapids
Paulson, Richard O.	St. Peter
Poch, George A.	Rochester
Reedstrom, David A.	Moorehead
Rolling, Richard E.	Windom
Saari, Charles T.	St. Cloud
Sharp, Jerry A.	Grand Rapids
Sutton, Charles K.	St. Cloud
Suitak, Wayne L.	Moorehead
Vinar, Kenneth R.	Brooklyn Center
Wagner, Lloyd A.	Brooklyn Center

Mississippi

State Soil Scientist:

Carter, Richard C.	Jackson
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Mississippi - continued

Asst. State Soil Sc.:  
 Parker, William B. Jackson

State Soil Correlator:  
 Koos, William M. Jackson

Field Soil Scientists:  
 Allgood, Velton C. Meridian  
 Brent, Floyd V., Jr. State College  
 Cole, William A. Jackson  
 Davis, Rex E. Hattiesburg  
 Galberry, Henry S. Philadelphia  
 Huddleston, Jerry S. Granada  
 Kilpatrick, Thomas T. Columbus  
 Leggett, Albert R. Columbia  
 McMullen, James W. Eupora  
 Milbrandt, Allen C. Brookhaven  
 Miller, Karl H. Iuka  
 Morris, William M., Jr. Oxford  
 Murphree, Leland C. Tupelo  
 Neal, Huel L. Greenwood  
 Parker, William B. Jackson  
 Scott, Frank T. Canton  
 Smith, Roger W. Jackson  
 Smith, William I. Gulfport  
 Spann, Mary L. Oxford  
 Walton, Lloyd B. Gulfport  
 Wynn, Addison H., Jr. New Albany

Missouri - continued

Butler, E. R. Poplar Bluff  
 Davis, Keith Bethany  
 Dodd, Jerry A. Springfield  
 Festeruand, Dorris F. Cape Girardeau  
 Francka, John P. Springfield  
 Graves, Lewis H., Jr. Poplar Bluff  
 Gurley, Phil D. Kennett  
 Held, Robert J. Union  
 Horn, Frederick E. Warrensburg  
 Hughes, Harold E. Bolivar  
 Kelley, Michael E. Fulton  
 Lee, James H. Columbia  
 McBee, Richard E. Columbia  
 McGrew, Michael A. Warrensburg  
 Minor, Paul E. Bethany  
 Pauls, William R. Bethany  
 Preston, George D. Richmond  
 Robertson, George D. Hartville  
 Simmons, George T. Warrensburg  
 Sparkman, Billy E. Kennett  
 Tobin, Leslie W. Charleston  
 Tummons, Richard L. Jackson  
 Vandermeer, Kees W. Benton  
 Watson, F. C. Hannibal  
 Wolf, David W. Fulton  
 Yarbrough, James F. Hannibal

Missouri 6.5

State Soil Scientist:  
 Lee, James H. Columbia

Asst. State Soil Sc.:  
 Persinger, Ival D. Columbia

Soil Specialist:  
 Thompson, Bruce W. Columbia  
 Allgood, Ferris P. Columbia

Field Soil Scientists:  
 Aldrich, Max W. Mt. Vernon  
 Benham, Kenneth E. Kirkwood  
 Brown, Burton L. Farmington

26 Montana

State Soil Scientist:  
 Rogers, Jack W. Bozeman

Soil Specialist (Interp.):  
 Richardson, Robert E. Bozeman

Soil Correlator:  
 Brownfield, Shelby H. Bozeman

Field Soil Scientists:  
 Anderson, Arial Missoula  
 Berg, Merlin F., Jr. Helena  
 Bingham, Lamonte C. Helena  
 Clark, Clair O. Rosemond  
 Cohn, Barry R. Lewistown  
 Curtis, Donald P. Ft. Benton

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Montana - continued

Daniels, Lewis A.  
 Decker, Gordon L.  
 Dougherty, Brian D.  
 Drecksel, Kenneth L.  
 Farnsworth, Dean H.  
 Gordon, Dennis C.  
 Gray, Laverne  
 Haigh, June G.  
 Harrison, William D.  
 Haub, Mervyn H.  
 Hiltz, George B.  
 Hoyum, Raymond  
 Jackson, Michael T.  
 Johannes, Richard M.  
 Koehler, Michael J.  
 Larsen, Wesley M.  
 Long, Huey A.  
 Luckow, Kenneth R.  
 McLean, Dan L.  
 Nichols, Michael A.  
 Pfenninger, Roger  
 Setera, Jerome M.  
 Smetana, Dennis R.  
 Smith, James H.  
 Strom, Donald E.  
 Van Patten, Douglas J.  
 Volk, William P.

Forsyth  
 Rosemond  
 Wolf Point  
 Circle  
 Great Falls  
 Missoula  
 Lewistown  
 Ennis  
 Missoula  
 Polson  
 Chinook  
 Polson  
 Baker  
 Forsyth  
 Baker  
 Miles City  
 Chinook  
 Lewistown  
 Ennis  
 Miles City  
 Missoula  
 Forsyth  
 Wolf Point  
 Forsyth  
 Circle  
 Ennis  
 Miles City

✓ Nebraska - continued

Field Soil Scientists:

Bartlett, Paul H.	Columbus
Bowman, Gilbert A.	Broken Bow
Brown, Laurence E.	Lincoln
Dallavalle, Rita S.	Bridgeport
Damoude, Dean W.	Lyons
Gengenbach, Dale R.	Bridgeport
Hammer, Roger R.	Clay Center
Hammond, Charles L.	Norfolk
Indra, Orville	O'Neill
Kerl, Donald E.	David City
Koepke, Byron E.	Broken Bow
Mahnke, Charles F.	Alliance
Paden, Harry E.	Imperial
Pierce, Daniel R.	Broken Bow
Plantz, Merritt A.	Ainsworth
Pollock, Robert S.	Aurora
Ragon, Larry G.	O'Neill
Rieke, Duane L.	Norfolk
Sautter, Howard E.	Syracuse
Scheinost, Steven A.	Minden
Schulte, Ronald B.	Creighton
Seevers, Vernon C.	O'Neill
[Slama, Norman L.]	Hartington
Wilson, Jay R.	Lincoln
Zink, Richard R.	Ainsworth

25 + CDSD (# & \$?)

Nebraska

State Soil Scientist:	
Culver, James R.	Lincoln
Asst. State Soil Sc.:	
Brubacher, John I.	Lincoln
Soil Scientist (Corr.):	
Dixon, Marvin L.	Lincoln
Soil Scientist:	
Yost, Donald A.	Lincoln

Nevada

State Soil Scientist:	
Naphan, Edmund A.	Reno
Asst. State Soil Sc.:	
Bagley, Donald G.	Reno
Soil Correlator:	
Spencer, Eddie L.	Reno
Field Soil Scientists:	
Archer, Warren M.	Yerington
Baumer, Otto W.	Reno
Blake, Edward W.	Reno
Borup, Harry J.	Caliente
Candland, David M.	Minden
Dollarhide, William E.	Reno

4 Ratio? 6.25:1 (SES only)  
Workload created by amount of Univ. input

1.6



Nevada - continued

Fisher, John B.	Reno
Larsen, Leland I.	Winnemucca
Mitchell, James A.	Yerington
Mitchell, Wayburn D.	Ely
Rooke, Lloyd	Las Vegas
Slusser, Steven E.	Elko
Smith, Robert B.	Elko
Speck, Robert L.	Las Vegas
Spencer, Eddie L.	Reno
Staidl, George J.	Elko

New Hampshire

State Soil Scientist:	
Pilgrim, Sidney A. L.	Durham

Asst. State Soil Sc.:	
Vieira, Frank J.	Durham

Soil Scientist:	
Breeding, Charles H. J.	Durham

Field Soil Scientists:	
Baynes, Diann F.	Milford
Bond, Richard W.	Milford
Dellinger, Carl E.	Woodsville
Domian, Gary S.	Claremont
Ealy, Edward P., Jr.	Keene
Hersey, James B., Jr.	Exeter
Kelsea, Russell J.	Lancaster
Rosenberg, Gerald L.	Keene
Shook, Roy A., Jr.	Claremont

New Jersey

State Soil Scientist:	
Markley, Marco L.	Somerset

Asst. State Soil Sc.:	
Kirkham, Wendell C.	Somerset

Soil Specialist:	
Eby, Carl F.	Somerset

New Jersey - continued

Field Soil Scientists:	
Fletcher, Sylvester J.	Hackettstown
Girgus, Andre	Lambertville
Hole, Thornton J.	Lambertville
Jablonski, Clarence F.	Freehold
Powley, Van R.	Somerset

New Mexico 12.5

State Soil Scientist:	
Bailey, Oran F.	Albuquerque

Asst. State Soil Sc.:	
Pease, Douglas S.	Albuquerque

Field Soil Scientists:	
Bulloch, Henry E., Jr.	Las Cruces
Calhoun, Thomas E.	Silver City
Carey, John B.	Albuquerque
Chastain, Clement L.	Socorro
Crawford, Celestine A.	Las Cruces
Derr, Phillip S.	Alamogordo
Hacker, Leroy W.	Albuquerque
Hilley, Terry E.	Las Vegas
Hodson, Max V.	Roswell
Holden, Leonard P., Jr.	Aztec
Keetch C. W.	Aztec
Kosse, Alan D.	Aztec
Landers, Clifford R.	Capitan
Lillybridge, Terry R.	Capitan
McCarty, Tom E.	Las Vegas
Neher, Raymond E.	Las Cruces
Parham, Tommie L.	Aztec
Perkins, Rodney C.	Capitan
Roath, Archie J.	Las Cruces
Ruiz, Javier E.	Aztec
Seagraves, Clarence R.	Silver City
Sellnow, Steven L.	Las Vegas
Sisson, Kathleen B.	Las Cruces
Williams, Barry D.	Quermado
Williams, Dwayne R.	Silver City

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New York

State Soil Scientist:  
Gilbert, Frederick L. Syracuse

Soil Scientist - Interp.:  
Winkley, Harvel E. Syracuse

Soil Scientist - Corr.:  
Warner, John W., Jr. Syracuse

Soil Scientist - Manus.:  
Hanna, Willis E. Syracuse

State Soil Scientists:

Broad, William A.	Voorheesville
Brown, Randall B.	East Aurora
Brown, James H.	Canton
Case, Roger J.	Watertown
Crandall, Leslie	Norwich
Goodman, Seymour D.	Albany
Higgins, Bradford A.	Rochester
Holman, Fred D.	New Hartford
Korcak, Ronald F.	New Hartford
Krawiecki, Val J.	Lake Pleasant
Landry, Robert J.	South Cairo
Laux, Burton R.	Norwich
Maine, Charles H.	Lake George
Mangini, Robin A.	Watertown
McDowell, Letember	Watertown
Ozark, Michael S.	Liberty
Parsons, Russell A.	Norwich
Pittman, Willie L.	East Aurora
Puglia, Paul S.	Randolph
Rice, C. E.	Norwich
Robinson, Luther H.	Watertown
Seifried, Stefan T.	Ferndale
Silverman, Mark H.	Wynantskill
Smith, Robert E., Jr.	Norwich
Taylor, William H.	Lake George

Winkler, Frank J. Lake George  
Work, Ralph Wynantskill  
Wulforst, John P. Corning

North Carolina

State Soil Scientist:  
Byrd, Hubert J. Raleigh

Asst. State Soil Sc.:

Soil Specialist:  
Horton, Robert E. Raleigh

Field Soil Scientists:

Bailey, Moulton A.	Asheville
Barnhill, William L.	Goldsboro
Bliley, Daniel J.	Smithfield
Bostonian, Marcus R.	Salisbury
Brandon, Clarence E.	Charlotte
Brewer, Edward O.	Wilkesboro
Brown, Robert M.	Wilkesboro
Cawthorn, Joel W.	Raleigh
Clapp, David C.	Asheville
Coates, Everett L.	Plymouth
Covington, Joe P.	Edenton
Dunn, James	Nashville
Goodwin, Roy A., Jr.	New Bern
Hale, Lloyd B.	Fayetteville
Hatfield, William F.	Raleigh
Hinson, Richard D.	Fayetteville
Hudson, Berman D.	Fayetteville
Huntt, Henry S., III	Tarboro
King, John M., Jr.	Waynesville
Kirby, Robert A.	Washington
Mallard, L. L., III	New Bern
Mathis, Roy L., Jr.	Louisburg
McCachren, Clifford M.	Charlotte
O'Brien, Edward L.	Whiteville
Sherrill, Michael L.	Reidsville
Sink, Larry T.	Wilson
Spangler, Daniel G.	Lillington
Spruill, Willie E.	Whiteville
Stephens, Ronald B.	Concord
Stimpson, Jerry V.	Louisburg
Tant, Phillip	Clinton
Turner, G. C.	Raleigh
Ware, James H.	Plymouth
Woody, William E.	Lumberton

North Dakota

State Soil Scientist:  
Ekart, Sylvester C. Bismarck

Asst. State Soil Sc.:  
Joos, Lloyd L. Bismarck

Soil Correlator:  
Base, Steve R.

Field Soil Scientists:

Aziz, Frederick P.	Hazen
Berogan, Terry L.	Bottineau
Bigler, Ricky J.	Devils Lake
Breker, David J.	Bottineau
Dalsted, Kevin J.	Hazen
Des Lauriers, Lynn L.	Minot
Doolittle, James A.	Grand Forks
Edland, Lawrence E.	Killdeer
Evenson, Eldon H.	Linton
Freymliller, William F.	Bismarck
Hall, Leroy D.	Linton
Heidt, Cornelius J.	Devils Lake
Larson, Stuart J.	Grand Forks
Lunde, Nordan J.	Linton
Opdahl, Donald D.	Valley City
Prochnow, Norman D.	Fargo
Strum, James F.	Devils Lake
Thiele, James H.	Bottineau
Thompson, Kenneth W.	Dickenson
Vanderbusch, Darrell E.	Grand Forks
Wilhelm, Francis J.	Hazen
Wright M. R.	Killdeer
Wroblewski, David V.	Linton

Ohio - continued

Soil Scientist (Spec.):  
Meeker, R. L. Columbus

Field Soil Scientists:

Bird, Richard A., Jr.	St. Clairsville
Bottrell, George D.	Wauseon
Brown, Dennis L.	Mt. Vernon
Bureau, Marvin F.	Coshocton
Crowner, Daniel J.	Defiance
Flesher, Everett C., Jr.	Defiance
Gerken, Jonathan C.	London
Graham, Thomas E.	Wooster
Hale, William F.	Fairfield
Hayhurst, Ernest N.	Wooster
Hendershot, Robert L.	Upper Sandusky
Jenny, Paul C.	St. Clairsville
Kelley, Glenn E.	Columbus
Lehman, Samuel F.	Sidney
Lemaster, Danny D.	Fairfield
Lerch, Norbert K.	Fairfield
McLoda, Niles A.	Columbus
Meeker, Ralph L.	Columbus
Michael, Daniel R.	Sidney
Milliron, Emden L.	Columbus
Parkinson, Robert J.	Columbus
Plunkett, Michael K.	St. Clairsville
Porter, Larry D.	Columbus
Redmond, Charles E.	Mt. Vernon
Rubel, Thomas N.	St. Clairsville
Scherzinger, Ronald J.	London
Shumate, William H.	Athens
Siegenthaler, Vaughn L.	Sidney
Steiger, Joseph R.	Upper Sandusky
Stone, Kenneth L., Jr.	Maumee

Ohio 7.5

State Soil Scientist:  
Huffman, Kelso K. Columbus

Asst. State Soil Sc.:  
Tornes, Lawrence A. Columbus

Soil Scientist (Corr.):  
Schafer, G. M. Columbus

30 Oklahoma 4.5

State Soil Scientist:  
Birdwell, Bobby T. Stillwater

Asst. State Soil Sc.:  
Stillwater

Soil Correlator:  
Frie, Jimmie W.

Oklahoma - continued

Soil Scientist Spec.:  
 Cole, Everett R. Stillwater

Field Soil Scientists:  
 Abernathy, Edward J. Poteau  
 Bogard, Vinson A. Pauls Valley  
 Bourlier, Bobby G. Norman  
 Brinlee, R. C. Wilburton  
 Burgess, Dent L. Madill  
 Douthit, George E. Norman  
 Ford, Jimmy G. Sayre  
 Kichler, Larry E. Pauls Valley  
 Mayhugh, Richard E. Wewoka  
 Mœbius, Gordon E. Duncan  
 Moffatt, Hamilton H. Clinton  
 Rupp, Robert N. Poteau  
 Shingleton, Lyle C. Claremore  
 Swafford, Billy G. Hugo  
 Townsend, Mark A. Muskogee  
 Watterson, Anderson, Jr. Sulphur  
 Williams, Glen E. Medford  
 Wilson, R. C. Wilburton

Oregon

State Soil Scientist:  
 Allen, J. M. Portland

Asst. State Soil Sc.:  
 Mayko, Rudy W. Portland

State Soil Correlator:  
 Ness, Arnold O. Portland

Soil Scientist Spec.:  
 Bowsby, Clyde C. Portland

Field Soil Scientists:  
 Aguilar, Pat L., Jr. Baker  
 Borine, Roger H. Klamath Falls  
 Cahoon, Joe S. Klamath Falls  
 Cheney, Melvin D. Coquilla  
 Child, William T. Oregon City

Oregon - continued

Dyksterhuis, Eugene L. Baker  
 Gerig, Allen J. Oregon City  
 Green, George L. Hillsboro  
 High, Calvin T. Hillsboro  
 Hoslee, Richard E. Condon  
 Johnson, David R. Condon  
 Kienzle, R. J. Coquilla  
 Knezevich, Clarence A. Dallas  
 Laird, William E. Baker  
 Munte, Duane K. Condon  
 Ness, Arnold O. Portland  
 Obrigewitsch, Raymond P. Klamath Falls  
 Patching, William R. Eugene  
 Schaefer, Garry L. Eugene  
 Setness, Duane K. Medford  
 Shipman, John A. Baker  
 Smith, Philip R. Eugene  
 Smythe, Richard T. Hillsboro  
 Stoneman, Bruce E. Dallas  
 Terrell, Alan C. Roseburg

Pennsylvania

State Soil Scientist:  
 Kuhl, Arthur D. Harrisburg

Asst. State Soil Sci.:  
 Lipscomb, Garland Harrisburg

Corr. for Interp.:  
 Ratcliff, Ivan Harrisburg

Field Soil Scientists:  
 Backer, Albert D. Ridgway  
 Belz, David J. Bedford  
 Braker, William L. New Castle  
 Bush, R. D. Waynesburg  
 Cerutti, James R. Marienville  
 Churchill, Norman J. Smethport  
 Custer, Boyd H. Lancaster  
 Eckenrode, Joseph J. Lewisburg  
 Ellenberger, Ned B. New Castle  
 Farley, William H. Ebensburg  
 Greenawalt, John W. Hollidaysburg

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Grubb, Robert G.	Towanda
Hallowich, Joseph S.	Clearfield
Holzer, Donald B.	Lancaster
Knight, William R.	Williamsport
Kohler, Clifford D.	Williamsport
Kopas, Frank A.	Pottsville
Martin, George D.	Honesdale
Merkel, Edward J.	Hollidaysburg
Parrish, Paul H.	Sunbury
Seibert, Daniel R.	Somerset
Smith, Robert V.	Butler
Topalanchik, Alex R.	Clearfield
Weaver, Jay B.	Washington
Yaworski, Michael	Somerset
Yoder, Gerald D.	Lewisburg
Zarichansky, John	Carlisle

Biological Tech. (Soils):  
 Dennis, Charles A.  
 Otis, R. Gary

Honesdale  
 Towanda

Puerto Rico

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 Rivera, Luis H.

San Juan

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 Boccheciamp, Rafael A.  
 Francia-Rivera, William  
 Torres-Mas, Joaquin  
 Trigo, Julio E.

Arecibo  
 Guayama  
 Arecibo  
 Mayaguez  
 San Juan

Rhode Island

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Storrs, Conn.

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 Rector, Dean D.  
 Sprankle, Dale G.  
 Stuart, Everett C.

West Warwick  
 West Warwick  
 West Warwick  
 West Warwick  
 West Warwick

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 Hallbick, Donald C. Columbia

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 Meetze, John C. Columbia

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De Francesco, Dennis J.	Chester
Dudley, Travis A.	Marion
Hanczar, George A.	Chester
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Stuck, Warren M.	Walterboro
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Ware, Charlie B., Jr.	Walterboro

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State Soil Scientist:  
 Bannister, Donald L. Huron

Asst. State Soil Sc.:  
 Smalley, Miles W. Huron

Soil Specialists:  
 Emerson, Kathleen A. Huron  
 Radeke, Robert E. Rapid City  
 Zavesky, Larry D. Huron

Field Soil Scientists:  
 Blank, Robert R. Leola  
 Borchers, Glenn A. Pierre  
 Clausen, James A. Herreid  
 Driessen, James L. Woonsocket

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Dunavan, Glenn R.  
 Ensz, Edgar H.  
 Faulkner, Allen A.  
 Groth, Thomas G.  
 Hageman, Neal R.  
 Heil, Dennis M.  
 Heil, Kenneth J.  
 Hoenshell, Calvin L.  
 Johnson, Warren F.  
 Kalvels, John  
 Kempf, Leonard S.  
 Krauss, Roland K.  
 Krueger, Karl J.  
 Kunze, Bruce O.  
 Meland, Arvid C.  
 Miller, Kenneth F.  
 Nielsen, Robert D.  
 Ollila, Toivo J.  
 Reber, Nilo G.  
 Rocklitz, David M.  
 Schladweiler, John T.  
 Schlepp, Richard L.  
 Schultz, Loren D.  
 Schumacher, Thomas M.  
 Springer, Robert F.  
 Vialle, Regis L.  
 Ward, Elmer M.  
 Wiesner, C. H.

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Tennessee

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 Elder, Joe A. Nashville

Soil Scientist Spec.:  
 Powers, Charles H. Nashville

Field Soil Scientists:  
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 Campbell, Jessie F. Jamestown  
 Clement, Aaron B. Martin

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 Huntingdon  
 Nashville  
 Chattanooga  
 Columbia  
 Nashville  
 Chattanooga  
 Selmer  
 Johnson City  
 Nashville  
 Knoxville  
 Chattanooga  
 Clinton  
 Clinton  
 Nashville  
 Cookeville  
 Nashville  
 Huntingdon  
 Nashville

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 Keathley, Glisson L.  
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 Monteith, Steven E.  
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 Moore, Roy K.  
 North, Olin L.  
 True, J. C.  
 Warren, Robert B.

Texas 13.6

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 Newman, Allen L. Temple

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 Miller, William M. Victoria  
 Wagner, Billy J. Temple

Field Soil Scientists:  
 Allen, Milton Ft. Worth  
 Allison, John E. Burnet  
 Arriaga, Daniel Carrizo Springs  
 Baker, Frank E. San Saba  
 Batte, Charles D. San Marcos  
 Bauer, Arthur R. Cleburne  
 Bearden, Eddie D. San Marcos  
 Blackstock, Dan A. Lubbock

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Blum, Ervin L.  
 Brockmann, Lester C.  
 Bruns, Roy H.  
 Bruns, Herbert E.  
 Bynum, Otto W.  
 Cail, Charles R.  
 Castille, Joseph J.  
 Chervenka, Woodrow G.  
 Clower, Dennis F.  
 Coburn, Winfred C.  
 Cochran, Rex A.  
 Coker, John L.  
 Crenwelge, Gerald W.  
 Crout, Jack D.  
 Cyprian, Thomas E.  
 Deshotels, Jesse D., III  
 Dittmore, William H., Jr.  
 Dittmar, Glenn W.  
 Dolezel, Raymond  
 Flores, Plinio H.  
 Ford, Alan R.  
 Fox, Richard W.  
 Fuchs, Charles R.  
 Galloway, Thomas L.  
 Girdner, Charles L. Jr.  
 Goerdel, Auline R.  
 Golden, Michael L.  
 Goodgion, Barry V.  
 Greenwade, James M.  
 Griffith, Kirby L.  
 Guckian, William J.  
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 McEwen, Harry F.  
 McKay, Donald E.

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 Brownwood  
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 Georgetown  
 Angleton  
 Rosenberg  
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 Fredericksburg  
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 Nacogdoches  
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 Nacogdoches  
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 Athens  
 Athens  
 Pecos  
 Harlingen  
 New Boston  
 Brenham  
 Terrell  
 Abilene  
 Athens  
 Jasper  
 Huntsville  
 Livingston  
 Jasper

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 Meier, Charlie G.  
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 Moore, Joe D.  
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 Pauls, Edward W.  
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 Ressel, Dennis D.  
 Richardson, Wayne E.  
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 Van Horn  
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 Graham  
 Laredo AFB  
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 Terrell  
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8  
Utah

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 Olsen, Marvin E.  
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 Erickson, Austin J.  
 Field Soil Scientists:  
 Campbell, Ludene B.

Salt Lake City  
 Salt Lake City  
 Salt Lake City  
 Salt Lake City  
 Randolph



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Vermont

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 Cullipher, L. E.

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 Cedar City  
 Nephi  
 Provo  
 Coleville  
 Cedar City  
 Coleville  
 Kanab  
 Vernal  
 Saint George  
 Richfield  
 Provo  
 Randolph  
 Richfield  
 Provo

Burlington

Montepelier  
 Hyde Park  
 Hyde Park  
 Hyde Park  
 Woodstock  
 Hyde Park  
 Randolph  
 Burlington

Richmond

Richmond

Fredericksburg  
 Prince George

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 Carter, John B.  
 Cauley, Phil M.  
 Cullipher, Louis E.  
 Fussell, Kenneth E.  
 Gillispie, Herbert L., Jr.  
 Heidel, Louis W.  
 Hockman, John R.  
 Holmes, Robert L.  
 Jones, David L.  
 Judy, Charles N.  
 Marks, Michael J.  
 McDaniel, Jerry C.  
 Neal, Charles R.  
 Nicholson John C.  
 Quesenberry, Jerry S.  
 Reber, Earl J.  
 Robinette, Carl E.  
 Swecker, Paul L., Jr.  
 Vandine, John W.  
 Wagner, David F.  
 Wright, James D., Jr.

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 Mitchel, Robert F.

Asst. State Soil Sc.:  
 Richard, Gerald L.

State Soil Correlator:  
 Rasmussen, Jack J.

Field Soil Scientists:

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 Beielser, Vern E.  
 Dedoge, Alfonso  
 Donaldson, Norman C.  
 Edwards, Jonathan P.  
 Fibich, William R.  
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 Winchester  
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 Prince George  
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 Warsaw  
 Suffolk  
 Suffolk  
 Warsaw  
 Suffolk  
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Spokane

Spokane

Spokane

Ellensburg  
 Wenatchee  
 Lake Stevens  
 Colville  
 Lake Stevens  
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Herriman, Richard C.	Pasco
Klungland, Michael W.	Lake Stevens
Lenfesty, Charles D.	Yakima
Michael, James C.	Ephrata
Mrachek, Michael L.	Ephrata
Olson, Dale L.	Ephrata
Pringle, Russell F.	Chehalis
Reedy, Thomas E.	Davenport
Stockman, Dale D.	Davenport
Vogt, Kenneth D.	Goldendale
Wood, Jack L.	Spokane

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Asst. State Soil Sc.: Childs, Francis D.	Morgantown
Soil Correlator: Ellyson, Walter	Morgantown
Field Soil Scientists:	
Cole, Carlos P.	Morgantown
Curry, William H.	Romney
Delp, Charles H.	Fairmont
Doonan, Frank A.	Harpersburg
Estepp, Ronald	Moorefield
Kesecker, Edward A.	Moorefield
Mason, Al J.	Keyser
Pyle, Roy E.	Elkins
Ross, Joseph P.	Moorefield
Roth, William E.	Harpersburg
Sponaugle, Kelley N.	Beckley
Taylor, Ronnie L.	Princeton
Teets, Charles C.	Charleston
Wright, Edward L.	Morgantown
Wright, Linton Jr.	Princeton
Yoakum, Troy D.	Elkins

Wisconsin

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Asst. State Soil Sc.: Anderson, Frank L.	Madison
State Soil Correlator: Hudelson, George W.	Madison
Field Soil Scientists:	
Babik, Neil R.	Oshkosh
Barndt, Wayne D.	Sparta
Boelter, Joseph M.	Rhineland
Boman, Martha C.	Sparta
Campbell, John E.	Manitowoc
Ceolla, Dale J.	Superior
Elmer, Steven L.	Sparta
Fiala, William D.	Wausau
Frings, Steven W.	Kewaunee
Glocker, Carl L.	Madison
Gundlach, Howard F.	Baraboo
Haszel, Orville L.	Superior
Huffman, Terry J.	Shawano
Jakel, Dale E.	Friendship
Kidney, Kim A.	Manitowoc
Kissinger, Everett J.	Balsam Lake
Langton, John E.	Neillsville
Leonard, Charles F.	Oconto
Liberty, John B.	Shawano
Lindgren, Peter D.	Chippewa Falls
Link, Ernest G.	Green Bay
Lorenz, Howard E.	Marinette
Lubich, Kenneth W.	Rhineland
Mitchell, Michael J.	Oshkosh
Matzke, Larry L.	Oshkosh
Newbury, Raymond L.	Shawano
Omernik, David L.	Ashland
Otter, Augustine J.	Manitowoc
Roberts, David C.	Friendship
Slota, Robert W.	Baraboo
Suhr, Marvin C.	Manitowoc
Suhs, Stephen C.	Jefferson
Thomas, Delbert D.	Eau Claire
Widdel, Keith H.	Friendship
Wilkinson, Charles D.	Sparta

Wyoming

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Otte, George F.	Casper
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Fowkes, Clarence J.	Casper
Field Soil Scientists:	
Dotolo, John S., Jr.	Sundance
Elwonger, Waldo G.	Sundance
Gavette, Gerald D.	Gillette
Iiams, John E.	Workland
Johnson, William R.	Cheyenne
Kimble, John M.	Douglas
Lebruska, Robert L.	Powell
Lett, Michael A.	Rock Springs
Lewis, Don J.	Evanston
Lloyd, Michael D.	Cheyenne
Lupcho, Paul J.	Sheridan
Nelson, Frank L.	Douglas
Ravenholt, Halvor B.	Rock Springs
Shields, Paul	Wheatland
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Assistant State Soil Scientist

Mapes, Donald R. Soil Scientist  
Meeker, Ralph L. Soil Scientist

OKLAHOMA -- Phone 728-4448

Birdwell, Bobby T.  
State Soil Scientist  
Wagner, Billy J.  
Assistant State Soil Scientist

Frie, Jimmie W. Soil Scientist  
Cole, Everett L. Soil Scientist

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Mayko, Rudolph W. Assistant State Soil Scientist		Montgomery, Robert H.	Soil Scientist	
PENNSYLVANIA -- Phone 590-3889		TYPE WITHIN THIS LINE FOR 10% REDUCTION		10%
Kuhl, Arthur D. State Soil Scientist		Ratcliff, Jr., Ivan W.	Soil Scientist	
Lipscomb, Garland H. Assistant State Soil Scientist				
RHODE ISLAND -- (See Connecticut)				
		Stuart, Everett C.	Soil Scientist	
SOUTH CAROLINA -- 677-5683				
Hallbick, Donald C. State Soil Scientist				
Meetze, John C. Assistant State Soil Scientist				
SOUTH DAKOTA -- Phone 782-2338				
Hinkley, Kenneth C. State Soil Scientist		Zavesky, Larry D.	Soil Scientist	
Smalley, Miles W. Assistant State Soil Scientist		Radeke, Robert E.	Soil Scientist	
		Springer, Robert F.	Soil Scientist	
TENNESSEE -- Phone 852-5476				
Snyder, Dale E. State Soil Scientist		Powers, Charles H.	Soil Scientist*	
Lewis, Jr., David E. Assistant State Soil Scientist		Elder, Joe A.	Soil Scientist*	
		Sims, Raymond P.	Soil Scientist	
TEXAS -- Phone 736-1261				
Thompson, Charles M. State Soil Scientist		Brockmann, Lester C.	Soil Scientist	
Newman, Allen L. Assistant State Soil Scientist		Geiger, Luther C.	Soil Scientist	
		Girdner, Jr., Charles L.	Soil Scientist	
		Lane, Gaylon L.	Soil Scientist	
		Williams, Jack C.	Soil Scientist	
UTAH -- Phone 588-5065				
Hutchings, Theron B. State Soil Scientist		Erickson, Austin J.	Soil Scientist	
Olsen, Marvin E. Assistant State Soil Scientist				
VERMONT -- Phone 832-6795 Ext. 6263				
Watson, Bruce G. State Soil Scientist				
Yost, David L. Assistant State Soil Scientist				
VIRGINIA -- Phone 925-2463				
Googins, Richard L. State Soil Scientist		Isgrig, Dan	Soil Scientist	
McLoda, Niles A. Assistant State Soil Scientist		Rector, Dean D.	Soil Scientist	
		Ware, James H.	Soil Scientist	
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<p>WASHINGTON -- Phone 439-3713</p> <p>Rasmussen, Jack J. State Soil Scientist</p> <p>Richard, Gerald L. Assistant State Soil Scientist</p> <p>WEST VIRGINIA -- Phone 923-7151</p> <p>Hatfield, William F. State Soil Scientist</p> <p>Childs, Francis D. Assistant State Soil Scientist</p> <p>WISCONSIN -- Phone 364-5334</p> <p>Klingelhoets, Ambrose J. State Soil Scientist</p> <p>Anderson, Frank L. Assistant State Soil Scientist</p> <p>WYOMING -- Phone 328-5207</p> <p>Otte, George E. State Soil Scientist</p> <p>Young, Jack F. Assistant State Soil Scientist</p>	<p>Engel, Robert J.      Soil Scientist</p> <p>Ellyson, Walker J.      Soil Scientist</p> <p>Hudelson, George W.      Soil Scientist</p> <p>Newberry, Raymond L.      Soil Scientist</p> <p>Derr, Phillip S.      Soil Scientist</p> <p>Stephens, Jr., James R.      Soil Scientist</p>
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Rourke, John D.  
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Soil Scientist  
Calhoun, Thomas E.  
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Cleveland, Francis W.  
Soil Scientist  
Rice, Jr., Oliver W.  
Soil Scientist  
Smith, Horace  
Soil Scientist  
Van Houten, David G.  
Soil Scientist  
Witty, John E.  
Soil Scientist

Giuliano, James A. Edit

SOUTH TSC -- Phone 334-5224

Nichols, Joe D.  
Head, Soils Staff  
Soil Scientist  
Blakley, Earl R.  
Soil Scientist  
Brasfield, James F.  
Soil Scientist  
Decker, Gordon  
Soil Scientist  
Gerald, Talbert  
Soil Scientist

Vacant Edit

MIDWEST TSC -- Phone 541-5353

Stout, Jr., Maurice  
Head, Soils Staff  
Soil Scientist  
Base, Steve R.  
Soil Scientist  
Buller, Louie L.  
Soil Scientist  
Gamble, Erling  
Soil Scientist  
Harner, Rodney F.  
Soil Scientist  
Johnson, Paul R.  
Soil Scientist  
Post, Gerald J.  
Soil Scientist  
Smith, Roy M.  
Soil Scientist  
Turner, Robert I.  
Soil Scientist

Anderson, Stanley P. Edit

WEST TSC -- Phone 423-2826

Williams, J. Melvin  
Head, Soils Staff  
Soil Scientist  
Brown, J. E.  
Soil Scientist  
Carley, James A.  
Soil Scientist  
Dierking, Richard A.  
Soil Scientist  
Ford, Alan R.  
Soil Scientist  
Haberman, Roger L.  
Soil Scientist  
Kover, Richard W.  
Soil Scientist  
Langan, Lucien N.  
Soil Scientist  
Parsons, Roger B.  
Soil Scientist  
Spencer, Eddie L.  
Soil Scientist

Thomas, Kenneth C. Edit

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SOIL CONSERVATION SERVICE  
 Directory of National Soil Survey Laboratory  
 Lincoln, Nebraska  
 Soil Scientists

Phone 541-5363

C. Steven Holzhey  
Head

Robert H. Jordon  
 Dean C. McMurtry  
 M. Dewayne Mays  
 R. Leo Juve  
 Leo C. Klameth  
 Sam J. Ross, Jr.  
 George W. Threlkeld  
 Ronald D. Yeck  
 Warren C. Lynn

Leader  
 Asst. Leader  
 Soil Scientist  
 Soil Scientist  
 Soil Scientist  
 Soil Scientist  
 Soil Scientist  
 Soil Scientist  
 Soil Scientist

Maurice J. Mausbach  
 W. Dennis Nettleton  
 George G. S. Holmgren  
 Reuben E. Nelson  
 Ronald F. Paetzold  
 C. Reese Berdamer  
 Benny R. Brasher  
 John A. Thompson  
 Robert B. Grossman

Soil Scientist  
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United States  
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Agriculture

Soil  
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Service

P.O. Box 2890  
Washington, D.C.  
20013

December 4, 1980

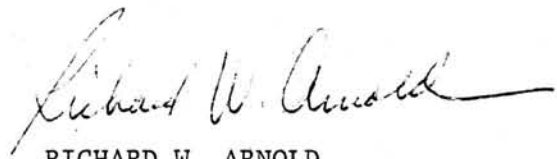
NATIONAL BULLETIN NO. 430-1-3

SUBJECT: SOILS - DIRECTORY OF SOIL SCIENTISTS

Purpose. To transmit updated Directory of Soil Scientists

Expiration Date. April 15, 1981

Enclosed is a copy of the Soil Conservation Service Directory of Soil Scientists assigned to States, Technical Service Centers, and National Office Soils Staff.

  
RICHARD W. ARNOLD  
Director, Soils

Enclosure

DIST: N (Staff Directors and above), T, S



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Department of Agriculture

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SOIL CONSERVATION SERVICE  
 DIRECTORY OF SOILS STAFF  
 STATE OFFICE

State	State Soil Scientist	State Staff	Phone
ALABAMA	Meetze, John C.	Hurt, G. Wade Brown, James H.	534-4540
ALASKA	Fletcher, Louis A		*907-276-4246
ARIZONA	Pease, Douglas S.	Richmond, Davie L. Herriman, Richard, C.	261-6711 ext. 50
ARKANSAS	Fultz, Charles L.	Richardson, Wayne E. Quandt, Loyal A. Fielder, Richard T.	740-5419
CALIFORNIA	Fenwick, Richard W.	Hoppes, Ronald R. Cook, Terry D. Rogers, John H. Ernstrom, Daniel J. Rabey, Daniel F.	916-758-2200 ext. 250
CARIBBEAN AREA	Acevedo Ramos, Gilberto		**753-4206
COLORADO	Priest, Thomas W.	McCullough, M. Bruce ***Snyder, Dale L. Holden, Dale L. Bowman, Gilbert A.	327-5791
CONNECTICUT	Sautter, Edward H.	Reynolds, Charles A.	244-2547
DELAWARE	(See Maryland)		
FLORIDA	Johnson, Robert W.	Hyde, Adam G. ***Parker, Blake Calhoun, Thomas E.	946-3871 ext. 107
GEORGIA	Shaffer, Morris E.	Rehner, Richard Wilkes, Robert L.	250-2278
HAWAII	Sato, Harry H.	Chang, Kan Kim	808-546-3165
IDAHO	Brownfield, Shelby H.	Daniels, D. M. Logan, Glen H. Maxwell, Harold B.	554-1348

\* Thru FTS Seattle, Wash., 399-0150 between 7:30 a.m. - 6:00 p.m. PST

\*\* Thru FTS Wash., DC 202-967-1221 except from N.O.; N.O  
 Area Codes 202, dial FTS Access Code 106.

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INDIANA	Sinclair, Jr., H. R.	Davis, Leon B. Larsen, Jerry D. Van Houten, David G. Weesies, Glen	331-6140
IOWA	Landtiser, Gilbert R.	Nixon, John R. Kuehl, Ronald *Lockridge, L. Dale	862-4260 865-2411
KANSAS	Roth, William E.	Brown, Laurence E. Mayhough, Richard	752-4753
KENTUCKY	Kelley, Glenn E.	Hail, Carl W.	355-2751
LOUISIANA	Touchet, B. Arville	Driessen, James L. Cockerham, Warren L.	497-6611 ext. 241
MAINE	Ferwerda, John A.	Joslin, Jr., Robert V. LaFlamme, Kenneth J.	833-7393
MARYLAND			344-4180
MASSACHUSETTS	Grice, Darrel G.	Langlois, Jr., Karl H.	413-256-044
MICHIGAN	Fisher, Charles S.	Tompkins, Edward A. Stroesenreuther, Neil W.	374-6673 6679 6680
MINNESOTA	Diedrick, Raymond	Bruns, Edward L. Heil, Dennis M. Hundley, Steven J.	725-5964
MISSISSIPPI	Koos, William M.	Smith, William I. Hinton, Robert B.	490-4339
MISSOURI		Thompson Bruce W. Allgood, Ferris P. Vogt, Kenneth Minor, Paul E.	276-3277
MONTANA	Rogers, Jack W.	Braker, William L. Richardson, Robert E. Anderson, Arial Fouts, William L.	585-4226

\*Located at Ames, Iowa

NEBRASKA	Culver, James R.	Dixon, Marvin L.	541-5322
NEVADA	Naphan, Edmund A.	Dollarhide, William E. Staidl, George J. Zimmerman, Robert P.	470-5539
NEW HAMPSHIRE	Pilgrim, Sidney A. L.	Breeding, Charles H.	834-0505
NEW JERSEY	Kirkham, Wendell C.	Eby, Carl F.	342-5341
NEW MEXICO	Bailey, Oran F.	Anderson, George W. Carey, John B.	474-3277
NEW YORK	Gilbert, Frederick L.	Warner, Jr., John W. Hanna, Willis E.	950-5510
NORTH CAROLINA	Byrd, Hubert J.	Hayhurst, Ernest N. Newton, Darwin L.	672-4668
NORTH DAKOTA	Ekart, Sylvester C.	Muckel, Gary B. Thiele, James H.	783-4435
OHIO	Huffman, Kelso K.	Tornes, Lawrence A. Mapes, Donald R. Gerken, Jonathan C.	943-6914
OKLAHOMA	Birdwell, Bobby T.	Wagner, Billy J. Frie, Jimmie W. Cole, Everett L.	728-4448
OREGON	Latshaw, Gerald J.	Thorson, Thor D. Green, George L.	423-2794
PENNSYLVANIA	Kuhl, Arthur D.	Lipscomb, Garland H.	590-3889
RHODE ISLAND	(See Connecticut)		
SOUTH CAROLINA	Hallbick, Donald C.	Stuckey, Jr., Benjamin N.	677-5683
SOUTH DAKOTA	Smalley, Miles W.	Springer, Robert F. Zavesky, Larry D.	782-2338
TENNESSEE	Powers, Charles H.	Lewis, Jr., David E. Sims, Raymond P.	852-5476

TEXAS	Thompson, Charles M.	Newman, Allen L. Brockmann, Lester C. Geiger, Luther C. *Girdner, Jr., Charles L. Lane, Gaylon L. Williams, Jack C.	736-1261
UTAH	Hutchings, Theron B.	Erickson, Austin J. Downs, Joe Miles, Ray	588-5064
VERMONT	Watson, Bruce G.	Yost, David L.	832-6795 ext. 6263
VIRGINIA	Googins, Richard L.	McLoda, Niles A. Rector, Dean D. Ware, James H.	925-2463
WASHINGTON	Rasmussen, Jack J.	Carley, James A Engel, Robert J. Wood, Jack L. Stockman, Dale D.	439-3713
WEST VIRGINIA	Hatfield, William F.	Childs, Francis D. Ellyson, Walter J.	923-7151
WISCONSIN	Brubacher, John I.	Anderson, Frank L. Hudelson, George W.	364-5334
WYOMING	Hartman, George W.	Young, Jack F. Derr, Phillip S. Larsen, Roy J.	328-5207

\*Located in Austin, TX.

TSC	Head, Soils Staff	Soil Staff	Phone
NORTHEAST	Miller, Franklin T.	Rice, Jr., Oliver W.	489-3224
		Smith, Horace	
		****Kubota, Joe	882-4234
SOUTH	Nichols, Joe D.	Blakley, Earl R.	334-5224
		Brasfield, James F.	
		Finney, Harlan R.	
		Fuchs, Westal W.	
		Gerald, Talbert R.	
		***Ratliff, Larry F.	
		*****Spivey, Jr., Lawson D.	
		Steers, Carter A.	
		Williams, DeWayne	
MIDWEST	Stout, Jr., Maurice	Anderson, Stanley P.	541-5353
		Armijo, Jerilyn J.	
		Base, Steve R.	
		Buller, Louie L.	
		Gamble, Erling	
		Harner, Rodney F.	
		Johnson, Paul R.	
		Post, Gerald J.	
		Smith, Roy M.	
		Turner, Robert I.	
WEST	Kover, Richard W.	Dierking, Richard A.	423-2826
		Ford, Alan R.	
		Haberman, Roger L.	
		Langan, Lucien N.	
		Parsons, Roger B.	
		Spencer, Eddie L.	

\*\*\* on special assignment located at SEA-AR, Blackland Sta., Temple, TX

\*\*\*\* Located at U. S. Plant and Nutrition Lab., NY Comm. Phone 607-256-5434

\*\*\*\*\* on special assignment located at SEA-AR Sta., Florence, SC

SOIL CONSERVATION SERVICE  
 DIRECTORY OF SOILS STAFF  
 NATIONAL OFFICE

Director, Soils - Arnold, Richard W. 447-2502  
 Epps, Sara M., Secretary

Staff	Staff Leader	N.O. Staff	Phone
SOIL CLASSIFICATION	Witty, John E. Acting McCune, Dorothea J., Sec.		447-4984
NATIONAL COOPERATIVE SOIL SURVEY	Dideriksen, Raymond I. Van Ness, Elizabeth L., Sec.	Hinkley, Kenneth C.	447-7245
SOIL CORRELATION	Link, Victor G. Fonner, Barbara S., Sec	Ackerson, Kenneth T. Bailey, George D. Guthrie, Richard L. Miller, L. L. Trach, John Powell, James C. Shelton, William L.	436-7333     436-7375
SOIL TECHNOLOGY	McCormack, Donald E. Jackson, Margaret S., Sec.	Young, Keith K. Reybold, William U.	447-9219
SOIL RESEARCH COORDINATION	Meyer, Milton W. Acting	Gilbert, Richard H. Paetzold, Ronald F. ***Huckle, Horace F.	447-4991
INTERNATIONAL SOILS PROGRAM	Eswaran, Hari		447-9198

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SOIL CONSERVATION SERVICE  
 DIRECTORY OF SOILS STAFF  
 NATIONAL SOIL SURVEY LABORATORY

Laboratory	Head, NSSL	NSSL Staff	Phone
LINCOLN, NEBRASKA	Holzhey, C. Steven	Baumer, Otto W. Berdanier, C. Reese Brasher, Benny R. Grossman, Robert B. Holmgren, George G. S. Jordan, Robert H. Juve, R. Leo Kimble, John M. Klameth, Leo C. Lynn, Warren C. Mausbach, Maurice J. Mays, M. Dewayne McMurtry, Dean C. Nelson, Reuben E. Nettleton, W. Dennis Ross, Jr., Sam J. Thompson, John A. Yeck, Ronald D.	541-5363  471

*Culver*

14 MAY 1984

TO: STATE SOIL SCIENTISTS

The enclosed copy of the "unofficial" roster of SCS Soil Scientists in the U.S. is for your use. You may want to make copies for all soil scientists in your state.

Your interest in keeping the roster up-to-date may be indicated by sending changes marked on the page for your state in RED to:

Tommie Holder  
Soil Survey Division  
Room 6242-S  
Washington, D.C.



SOIL CONSERVATION SERVICE  
Soil Scientist Roster

ALABAMA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Beaty, Robert M.	Soil Scientist	Abbeville
Bowen, Charles D.	Party Leader	Tuscumbia
Brannon, Gregory R.	Soil Scientist	Grove Hill
Corley, Richard L.	Soil Scientist	Greenville
Cotton, James A.	Party Leader	Andalusia
Fox, Bobby C.	Party Leader	Evergreen
Harris, MacArthur C.	Party Leader	Livingston
Hickman, Glenn L.	Party Leader	Grove Hill
Johnson, Delaney B.	Soil Scientist	Andalusia
Johnson, Kenneth W.	Party Leader	Abbeville
Marable, Norman P.	Soil Scientist	Troy
Meetze, John C.	State Soil Scientist	Auburn
Montgomery, Charles F.	Area Soil Scientist	Oxford
Neal, Harold B.	Party Leader	Troy
Ross, Herbert L.	Soil Scientist	Union Springs
Russell, Edward J.	Soil Scientist	Jasper
Stevens, Robert W.	Party Leader	Jasper
Stiff, Frank	Party Leader	Linden
Stubbs, Cleo	Party Leader	Montgomery
Thornton, Ralph M.	Soil Scientist	Andalusia
Trayvick, Johnny S.	Soil Scientist	Livingston
Tuck, Milton	Party Leader	Carrollton
Wallace, Anthony Q.	Soil Scientist	Linden

ALASKA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Clark, Mark	Party Leader	Palmer
Fletcher, Louis	State Soil Scientist	Anchorage
Furbush, Clarence	Soil Scientist	Anchorage
Koepke, Byron	Party Leader	Palmer
McCloskey, Joseph	Party Leader	Anchorage
Moore, Joseph	Asst State Soil Scientist	Anchorage
Olszewski, Karen	Party Leader	Palmer
Van Patten, Douglas	Party Leader	Anchorage

ARIZONA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Ahrens, Robert J.	Party Leader	Flagstaff
Barmore, Russel L.	Party Leader	Kingman
Breckenfeld, Donald J.	Soil Scientist	Casa Grande
Camp, Philip D.	Party Leader	Chandler
Cochran, Christopher C.	Party Leader	Tucson
DeWall, Alfred A.	Party Leader	Holbrook
Fenn, Edward R.	Soil Scientist	St. George, UT
Glocker, Carl L.	Soil Correlator	Phoenix
Hall, Jon F.	Party Leader	Casa Grande
Herriman, Richard C.	Soil Correlator	Phoenix
Jacoby, Harlan E.	Soil Scientist	Chandler
Johnson, William W.	Party Leader	Buckeye
Jorgensen, Wendell	Party Leader	St. George, UT
Law, Lloyd	Party Leader	Douglas
McKeown, Deborah J.	Soil Scientist	Flagstaff
Myers, Janet K.	Soil Scientist	Wellton
Nelson, Frank L.	Party Leader	Flagstaff
Pease, Douglas, S.	State Soil Scientist	Phoenix
Preston, John D.	Soil Scientist	Buckeye
Richmond, David L.	Asst State Soil Scientist	Phoenix
Savage, Patrick T.	Soil Scientist	St. George, UT
Tomchak, Lynn M.	Soil Scientist	Douglas
Van Remortel, Rick D.	Soil Scientist	Kingman

ARKANSAS

<u>Name</u>	<u>Title</u>	<u>Location</u>
Avery, Don C.	Party Leader	El Dorado
Callahan, Marcella A.	Soil Scientist	Little Rock
Chism, Johnny D.	Soil Scientist	Hot Springs
Fielder, Richard T.	Soil Interpretation Spec.	Little Rock
Fultz, Charles L.	State Soil Scientist	Little Rock
Fowlkes, David H.	Soil Scientist	Jonesboro
Garner, Billy A.	Area Soil Scientist	Fort Smith
Gill, Hiram V.	Area Soil Scientist	Monticello
Gore, Warren A.	Area Soil Scientist	Searcy
Harris, Cornelius	Soil Scientist	Searcy
Laurent, Glen D.	Area Soil Scientist	Harrison
Lowrance, J. Sidney	Soil Scientist	Marshall
McCright, Richard T.	Soil Scientist	Harrison
Minor, Mose	Party Leader	Prescott
Olson, Jeffery W.	Soil Scientist	Mena
Phillip, William W.	Party Leader	Fayetteville
Rhoades, Ronald K.	Soil Scientist	Hot Springs
Richardson, Wayne, E.	Soil Interpretation Spec.	Little Rock
Townsend, William R.	Area Soil Scientist	Little Rock
Vodrazka, Frank M.	Party Leader	Danville
Ward, Larry B.	Soil Correlation Specialist	Little Rock
Williams, Leodis	Soil Scientist	El Dorado
Wilson, Curtis R.	Area Soil Scientist	Forrest City
Winfrey, Alex L.	Party Leader	DeQueen

CALIFORNIA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Arroues, Kerry D.	Survey Leader	Hanford
Benedict, Paul W.	Soil Scientist	Los Banos
Beutler, Charles S.	Soil Scientist	Stockton
Borchard, Steven J.	Survey Leader	Susanville
Bowman, Roy H.	Soil Scientist	Ukiah
Burkett, Dean W.	Soil Scientist	Burney
Caudill, Thomas A.	Soil Scientist	Yreka
Chang, Kan Kim	Soil Scientist	Fresno
Ernstrom, Daniel	Soil Correlator ✓	Davis
Estrada, David	Area Soil Scientist	Escondido
Fedje, Steven D.	Soil Scientist	Hanford
Feenstra, Jim	Area Soil Scientist	Salinas
Ferrari, Charles A.	Survey Leader	Burney
Fisher, Arthur F.	Survey Leader	Bishop
Hansen, Robert W.	Soil Scientist	Santa Rosa
Hokholt, Lisa A.	Soil Scientist	Half Moon Bay
Hoppes, Ronald	State Soil Scientist ✓	Davis
Howell, David W.	Survey Leader	Weaverville
Howard, Richard	Survey Leader	Ukiah
Huff, Terry L.	Soil Scientist	Placerville
Jahnke, Joseph J.	Survey Leader	Yreka
Johnson, Richard F.	Soil Scientist	Paso Robles
Kashiwagi, James H.	Survey Leader	Half Moon Bay
Levin, Maxine	Soil Scientist	Ukiah
Lindsey, Wesley	Area Soil Scientist	Red Bluff
Lytle, Dennis J.	Survey Leader	Yuba City
McElhiney, Michael A.	Survey Leader	Stockton
Nazar, Paul G.	Survey Leader	Los Banos
Nesin, Pamela Norton	Soil Scientist	Dixon
Osborn, John P.	Soil Scientist	Sonora
Oster, Kenneth J.	Soil Scientist	Susanville
Reed, William R.	Soil Scientist	Sacramento
Regal, James F.	Survey Leader	Bakersfield
Rittiman, Carl A.	Survey Leader	Fort Bragg
Rogers, John	Soil Interpretations ✓	Davis
Romito, Guy J.	Soil Scientist	Stockton
Severy, Nancy H.	Soil Scientist	Fort Bragg
Sheldon, Wayne	Area Soil Scientist	Sacramento
Slusser, Steven E.	Soil Scientist	Susanville
Smith, David W.	Area Soil Scientist	Redding
Tugel, Arlene J.	Survey Leader	Sacramento
Valverde, Mario	Soil Correlator ✓	Fresno
Vinson, Eric N.	Survey Leader	Paso Robles
Vonich, Peter W.	Soil Scientist	Yuba City
Wickes, Jerome R.	Soil Scientist	Fort Bragg
Wiley, Karen J.	Soil Scientist	Paso Robles
Wright, John M.	Soil Scientist	Sacramento

COLORADO

<u>Name</u>	<u>Title</u>	<u>Location</u>
Ailstatt, Dave L.	Party Leader	Grand Junction
Anderson, Dave L.	Soil Scientist	Ft. Collins
Borchert, James	Party Leader	Burlington
Bowman, Gilbert A.	Soil Correlator	Denver
Cencich, Barbara W.	Party Leader	Montrose
Cryer, Douglas S.	Soil Scientist	Montrose
Geib, Everett E.	Party Leader	Cheyenne Wells
Grubb, Robert G.	Soil Scientist	Craig
Hawn, William S.	Party Leader	Norwood
Holden, Dale L.	Soil Scientist	Denver
Horn, Edward G.	Soil Scientist	Craig
McBride, Kenneth M.	Soil Scientist	Alamosa
McCullough, M. Bruce	Asst State Soil Scientist	Denver
McLeod, Eugene L.	Soil Scientist	Craig
Neve, Lee A.	Party Leader	Trinidad
Pannell, James P.	Party Leader	Durango
Pepi, Joseph A.	Soil Scientist	Norwood
Petersen, Michael L.	Party Leader	Greeley
Price, Alan B.	Party Leader	Cortez
Priest, Thomas W.	State Soil Scientist	Denver
Ramsey, Douglas K.	Soil Scientist	Cortez
Rich, Michael A.	Soil Scientist	Montrose
Schroeder, Darrell L.	Party Leader	Craig
Snell, Gregory L.	Soil Scientist	Burlington
Snider, Terry W.	Soil Scientist	Grand Junction
Staples, Randall W.	Soil Scientist	Trinidad
Tripp, William P.	Party Leader	Delta
Wheeler, Timothy J.	Party Leader	Canon City
Williams, Leslie W.	Soil Scientist	Grand Junction
Yenter, James M.	Party Leader	Alamosa

CONNECTICUT

<u>Name</u>	<u>Title</u>	<u>Location</u>
Beroz, Marc B.	Soil Resource Specialist	Wallingford
Kolesinskas, Kipen J.	Soil Resource Specialist	Windsor
Roberts, Alfred	Soil Resource Specialist	Storrs
Sautter, Edward H.	State Soil Scientist	Storrs
Shook, Roy A.	Asst State Soil Scientist	Storrs

DELAWARE

<u>Name</u>	<u>Title</u>	<u>Location</u>
Hall, Richard L.	State Soil Scientist	Dover

FLORIDA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Allen, William Jeffrey	Party Leader	Monticello
Baldwin, Robert	Soil Scientist	Palatka
Bearzotti, Ronald D.	Soil Scientist	Palatka
Belz, David J.	Party Leader	LaBelle
Brown, Mark	Soil Scientist	Bartow
Calhoun, Thomas E.	Asst State Soil Scientist ✓	Gainesville
Carter, Lewis J.	Party Leader	Sebring
Cowherd, William Dean	Party Leader	Arcadia
Crockett, LeRoy M.	Soil Scientist	Sebring
Cummings, Eddie	Soil Scientist	Green Cove Springs
Dearstyne, David A.	Soil Scientist	LaBelle
Doolittle, James A.	Soil Scientist	Gainesville
Ford, Richard D.	Party Leader	Bartow
Gordon, Charles N.	Soil Scientist	Bartow
Grant, Jim B., Jr.	Soil Scientist	Madison
Grantham, Charles T.	Soil Scientist	Inverness
Henderson, Warren G., Jr.	Soil Scientist	Gainesville
Howell, David A.	Party Leader	Madison
Hyde, Adam G.	Soil Scientist	Gainesville ✓
Hurt, G. Wade	State Soil Scientist ✓	Gainesville
Jones, Alfred O.	Soil Scientist	Bushnell
Kriz, David, M.	Soil Scientist	Monticello
Leach, Darrell	Soil Scientist	Bushnell
Leppo, Jeffrey E.	Soil Scientist	Palatka
Lewis, Douglas L.	Soil Scientist	Sebring
McCollum, Samuel H.	Soil Scientist	West Palm Beach
Monroe, Ken	Soil Scientist	Bartow
Noble, Chris V.	Soil Scientist	Vero Beach
Overing, John D.	Party Leader	DeFuniak Springs
Pilny, Paul E.	Party Leader	Inverness
Ploetz, Susan T.	Soil Scientist	Arcadia
Puckett, William	Soil Scientist	Bushnell
Readle, Elmer L.	Party Leader	Palatka
Sasser, Leland Delone	Soil Scientist	Monticello
Schellentragar, Gregg W.	Soil Scientist	Tavares
Schuster, Joseph N.	Soil Scientist	Inverness
Sheehan, Edward J.	Soil Scientist	Arcadia
Slabaugh, James D.	Soil Scientist	Vero Beach
Sullivan, Kevin J.	Soil Scientist	Bushnell
Vega, Juan	Soil Scientist	Sebring
Warmack, William B.	Soil Scientist	Bartow
Watts, Frank C.	Party Leader	Callahan
Weatherspoon, Robert L.	Party Leader	Green Cove Springs
Weeks, Herbert H.	Soil Scientist	DeFuniak Springs
Werner, Jeffrey T.	Soil Scientist	Bartow
Wettstein, Carol A.	Party Leader	Vero Beach
Williams, Christopher A.	Soil Scientist	Madison
Wilson, Joseph P., Jr.	Soil Scientist	DeFuniak Springs
Wittstruck, William H.	Soil Scientist	Green Cove Springs
Wolff, Keith Allan	Soil Scientist	Sebring
Yamataki, Howard	Party Leader	Bushnell

GEORGIA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Andersen, Richard H.	Soil Survey Leader	Blairsville
Carson, Winfield S.	Soil Scientist	Sylvester
Frost, Louie W., Jr.	Soil Survey Leader	Elberton
Gay, Howard D.	Soil Survey Leader	Bainbridge
Gerald, Talbert R.	State Soil Scientist ✓	Athens
Green, Albred	Soil Survey Leader	Buena Vista
Johnston, Richard A.	Soil Scientist	Bainbridge
Jones, Jon D.	Soil Scientist	Swainsboro
Lathem, James R.	Soil Scientist	Dublin
Lawrence, Kenneth S.	Soil Scientist	Athens
Looper, Edward E.	Soil Survey Leader	Dalton
Paulk, Herschel L.	Soil Survey Leader	Statesboro
Rehner, Richard	Asst State Soil Scientist	Athens
Ridgon, Thomas A.	Soil Survey Leader	Waycross
Robertson, Dorcas F.	Soil Scientist	Swainsboro
Smith, Ernest H.	Soil Survey Leader	Dublin
Stoner, Howard T.	Soil Survey Leader	Albany
Thomas, Grover J., Jr.	Soil Survey Leader	Decatur
Thomas, Mack, Jr.	Soil Scientist	Dublin
Wilkes, Robert L.	State Soil Correlator ✓	Athens

HAWAII

<u>Name</u>	<u>Title</u>	<u>Location</u>
Sato, Harry H.	State Soil Scientist	Honolulu
Bartlett, Paul A.	Soil Scientist	Honolulu
Nakamura, Sakuichi	Soil Scientist	Hilo
Young, Fred J., III	Soil Scientist	Mangilao (Guam)

IDAHO

<u>Name</u>	<u>Title</u>	<u>Location</u>
Ames, Dal F.	Soil Scientist	St. Anthony
Biggam, Pete F.	Soil Scientist	Coeur d'Alene
Brownfield, Shelby H.	State Soil Scientist	Boise
Butler, Grant P.	Soil Scientist	Salmon
Dorr, Jim	Soil Scientist	St. Anthony
Grow, Raymond W.	Party Leader	St. Anthony
Hahn, Thomas W.	Party Leader	Lewiston
Harkness, Alan L.	Party Leader	Boise
Harrison, W. Doug	Soil Special/Remote Sensing	Boise
Hipple, Karl W.	Party Leader	Salmon
Hoffman, Glen	Soil Scientist	Gooding
Holbrook, Don	Soil Scientist	Twin Falls
Hutchinson, Scott D.	Party Leader	Soda Springs
Johnson, Mark E.	Party Leader	Gooding
Johnson, Kimberley A.	Soil Scientist	Soda Springs
Keller, Mark P.	Soil Scientist	Orofino
Kukachka, Francis R. (Bob)	Party Leader	Burley
Logan, Glen H.	Soil Scientist (Correlation)	Boise
Maxwell, Harold B.	Soil Scientist	Boise
McCarver, H. Charles	Soil Scientist	Mt. Home
McGrath, Chad L.	Party Leader	Pocatello
Murphy, Susanne M.	Soil Scientist	Coeur d'Alene
Noe, Harly R.	Party Leader	Mt. Home
Peterson, P. Neil	Party Leader	Orofino
Rasmussen, Lawrence W.	Party Leader	Weiser
Riggle, Lex A.	Soil Scientist	St. Anthony
Tuve, Clinton W.	Soil Scientist	Mt. Home
Weisel, Charles J.	Party Leader	Coeur d'Alene
Wright, Larry E.	Soil Scientist	Mt. Home



ILLINOIS

<u>Name</u>	<u>Title</u>	<u>Location</u>
Awalt, Fred L.	Survey Leader	Effingham
Berning, Gerald V.	Survey Leader	Taylorville
Bramstedt, Mark W.	Survey Leader	Newton
Bushue, L. J.	Soil Specialist ✓	Champaign
Calsyn, Dale E.	Survey Leader	Virginia
Carlson, Mark G.	Soil Scientist	Monticello
Currie, Bruce E.	Survey Leader	Fairfield
Doll, John C.	Survey Leader	Decatur
Endres, Tonie	Soil Scientist	Marion
Elmer, Steven L.	Survey Leader	Aledo
Fehrenbacher, Donald J.	Survey Leader	Paxton
Fischer, Steven W.	Soil Scientist	Decatur
Gotsch, Kenneth A.	Survey Leader	Shelbyville
Grantham, Dana R.	Soil Scientist (Area)	Carbondale
Hamilton, Gary	Survey Leader	Charleston
Higgins, Stephen K.	Survey Leader	Pontiac
Hodges, Mack S.	Survey Leader	Carlinsville
Houghtby, Bruce J.	Soil Scientist	Carlinsville
Indorante, Sam J.	Soil Scientist	Princeton
King, Laurie L.	Soil Scientist	Effingham
Kreznor, William R.	Soil Scientist	Newton
Lilly, Michael E.	Survey Leader	Hardin
Love, Charles L.	Soil Scientist	Peoria
Martin, W. Scott	Survey Leader	Monticello
Matusiak, Mark	Soil Scientist	Fairfield
Miles, Clifford C.	Survey Leader	Salem
Moore, Randall J.	Soil Scientist	Carlinsville
Pearse, John R.	Soil Scientist	Danville
Putman, Bruce R.	Soil Scientist	Paxton
Rahe, David B.	Soil Scientist	Princeton
Sabata, Larry R.	Survey Leader	Morrison
Scott, J. W.	Asst State Soil Scientist ✓	Champaign
Shantz, Richard J.	Soil Scientist	Aledo
Steinkamp, James F.	Soil Scientist (Area)	Lincoln
Suhl, Steven F.	Soil Scientist	Taylorville
Teater, William M.	Soil Scientist	Paxton
Tegeler, Robert A.	Soil Scientist	Morrison
Voss, E. E.	State Soil Scientist ✓	Champaign
Wacker, Carl E.	Survey Leader	Danville
Walczynski, Mike	Soil Scientist	Princeton
Walker, Michael B.	Survey Leader	Peoria
Windhorn, Roger D.	Survey Leader	Clinton
Witt, James	Soil Scientist	Shelbyville
Zwicker, Steven E.	Survey Leader	Princeton

INDIANA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Barnes, James R.	- Area Soil Scientist	Fowler
Davis, Leon B.	Asst State Soil Scientist ✓	Indianapolis
Hosteter, William D.	Soil Specialist ✓	Indianapolis
Jensen, Earnest L.	Party Leader	Delphi
Larson, Jerry D.	Soil Specialist ✓	Indianapolis
McCarter, Paul, Jr.	Party Leader	Bloomfield
McWilliams, Kendall M.	— Area Soil Scientist	Princeton
Nagel, Byron G.	Party Leader	Brownstown
Neely, Travis	— Area Soil Scientist	Muncie
Nickell, Allan K.	— Area Soil Scientist	North Vernon
Noble, Richard A.	Soil Scientist	Nashville
Robards, Mac H.	Party Leader	Bluffton
Ruesch, Donald R.	— Area Soil Scientist	Columbia City
Shively, Jerold L.	— Area Soil Scientist	Greencastle
Sinclair, H. Raymond, Jr.	State Soil Scientist ✓	Indianapolis
Staley, Larry R.	Soil Scientist	Warsaw
Struben, Gary R.	Soil Scientist	Vincennes
Thomas, Jerry A.	Party Leader	Rensselaer
Wingard, Robert C., Jr.	— Area Soil Scientist	Paoli
Ziegler, Thomas R.	Party Leader	Lafayette

IOWA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Abel, P.	Soil Scientist	Forest City
Boeckman	Party Leader	Clearfield
Branham, C.	Party Leader	Council Bluffs
Brantmeier, T.	Soil Scientist	Eldridge
Brown, M.	Party Leader	Eldridge
Busskohl, C.	Soil Scientist	Council Bluffs
Ceolla, D.	Party Leader	Cherokee
Chalstrom, B.	Soil Scientist	Webster City
Chowdhery, A.	Party Leader	Osceola
Clarks, B.	Party Leader	Red Oak
Dankert, W.	Party Leader	Muscatine
DeWitt, T.	Party Leader	Leon
Dideriksen, R.	Party Leader	Webster City
Dugan, M.	Soil Scientist	Estherville
Ernst, S.	Soil Scientist	Osceola
Falkenberg, J.	Soil Scientist	New Hampton
Funni, K.	Soil Scientist	Maquoketa
Gertsma, J.	Soil Scientist	Leon
Gomes, S.	Soil Scientist	New Hampton
Harvey, E.	Soil Scientist	Webster City
Hempel, J.	Soil Scientist	Red Oak
Hillmer, G.	Soil Scientist	Toledo
Hosbein, M.	Soil Scientist	Cherokee
Jones, R.	Party Leader	Estherville
Kristoff, J.	Soil Scientist	Sibley
Kuehl, R.	Asst State Soil Scientist	Ames
Landtiser, G.	State Soil Scientist	Des Moines
LaVan, M.	Party Leader	Maquoketa
Lensch	Party Leader	Forest City
Lindgren, G.	Soil Scientist	Bloomfield
Lockridge, D.	Soil Specialist	Ames
Logar, R.	Soil Scientist	Clearfield
Lucassen, J.	Party Leader	Bloomfield
Martzke, J.	Soil Scientist	Charles City
Minger, M.	Party Leader	Anamosa
Nixon, J.	Asst State Soil Scientist	Des Moines
O'Connor, T.	Party Leader	Orange City
Oelmann, D.	Soil Specialist	Des Moines
Reeves, D.	Soil Scientist	Cherokee
Sanner, J.	Soil Scientist	Charles City
Selky, D.	Soil Scientist	Forest City
Switzer, S.	Soil Scientist	Maquoketa
Talsky, J.	Soil Scientist	Anamosa
Viner, P.	Soil Scientist	Muscatine
Vobora, R.	Party Leader	Sibley
Voy, K.	Party Leader	Charles City
Wespetal, M.	Soil Scientist	Clearfield
Wilson, J.	Party Leader	New Hampton
Wilson, R.	Soil Scientist	Orange City
Wisner, R.	Party Leader	Toledo
Younk, A.	Soil Scientist	Toledo

KANSAS

<u>Name</u>	<u>Title</u>	<u>Location</u>
Angell, Raymond C.	Soil Survey Leader	Atwood
Barker, Wesley L.	Soil Survey Leader	Salina
Campbell, Howard V.	Soil Scientist	Altamont
Fleming, Edward L.	Soil Correlator	Salina
Fortner, Jim R.	Area Soil Scientist	Hutchinson
Gier, Donald A.	Soil Scientist	Westmoreland
Glaum, Stanley A.	Soil Scientist	WaKeeney
Graber, Steven P.	Soil Scientist	Altamont
Hamilton, Vernon L.	Soil Survey Party Leader	Atwood
Hoffman, Bruce R.	Soil Survey Leader	Greensburg
Horsch, Marcellus L.	Area Soil Scientist	Manhattan
Jantz, Donald R.	Soil Scientist	Garden City
Kutnink, Paul R.	Soil Survey Party Leader	Westmoreland
Minzenmayer, Fred E.	Asst State Soil Scientist	Salina
Owens, Homer D.	Soil Survey Party Leader	Altamont
Palmer, Cecil D.	Soil Survey Leader	Stockton
Roth, William E.	State Soil Scientist	Salina
Rott, Donald E.	Soil Scientist	Clay Center
Sallee, Kenneth H.	Area Soil Scientist	Topeka
Swanson, Deane W.	Soil Survey Leader	Fredonia
Tricks, Bobby D.	Soil Scientist	Westmoreland
Watts, Cleveland E.	Soil Survey Party Leader	WaKeeney
Wehmueller, William A.	Soil Survey Party Leader	Clay Center

KENTUCKY

<u>Name</u>	<u>Title</u>	<u>Location</u>
Barton, Arlin J.	Soil Scientist	Bowling Green
Campbell, Edward B.	Soil Scientist	Bowling Green
Chapin, Stephen D.	Soil Scientist	Bowling Green
Childress, James (Dan)	Soil Scientist	Pineville
Cox, Frank R., Jr.	Soil Scientist	Owensboro
Craddock, William H.	Soil Scientist	Danville
Eigel, Bob	Soil Scientist	Danville
Evans, Harry	Soil Scientist	Somerset
Fehr, James P.	Soil Scientist	Somerset
Forsythe, Rudy	Soil Scientist	Maysville
Froedge, Ronnie B.	Soil Scientist	Mayfield
Haagen, James E.	Soil Scientist	Elkton
Hail, Carl W.	Soil Scientist	Lexington
Hayes, Raymond A.	Soil Scientist	Jackson
Jacobs, Eullas H.	Soil Scientist	Marion
Jacobs, Steve	Soil Scientist	Maysville
Kelley, Glenn E.	State Soil Scientist	Lexington
Kelley, John	Soil Scientist	Prestonsburg
Love, Paul M.	Soil Scientist	Barbourville
Mitchell, Michael J.	Soil Scientist	Bowling Green
Robbins, John M., Jr.	Soil Scientist	Lexington
Waters, Bruce	Soil Scientist	New Castle
Whitaker, Orville J.	Soil Scientist	Louisville

LOUISIANA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Allen, Thurman	Party Leader	Lake Providence
Bowden, Gail	Soil Scientist	Columbia
Boyd, Bill	Party Leader	Columbia
Bradley, Jeanette J.	Soil Scientist	Covington
Butler, Clyde Larry	Party Leader	Natchitoches
Cockerham, Warren L.	Soil Correlator	Alexandria
Daugrereaux, Dennis	Soil Scientist	Hammond
Driessen, James L.	Asst State Soil Scientist ✓	Alexandria
Edwards, Jimmy P.	Party Leader	Hammond
Fleming, Betty	Soil Scientist	Hammond
Guillory, Charles	Soil Scientist	DeRidder
Henry, Charles	Soil Scientist	Homer
Kilpatrick, Wayne	Party Leader	Homer
Martin, Paul George	Party Leader	Jena
May, Theresa	Soil Scientist	Lake Providence
Midkiff, Clay	Party Leader	Lake Charles
Morris, Lyfon	Soil Scientist	Covington
Murphy, Kenneth E.	Party Leader	Abbeville
Muse, Burnell	Soil Scientist	Jena
Scott, Edward	Soil Scientist	Natchitoches
Stephens, Wilton W.	Soil Scientist	Hammond
Touchet, Arville	State Soil Scientist ✓	Alexandria
Trahan, Larry	Party Leader	Covington

MAINE

<u>Name</u>	<u>Title</u>	<u>Location</u>
Babcock, Richard D.	State Soil Scientist	Orono
Bailey, Manley H.	Soil Scientist	Belfast
Butler, Theodore H., Jr.	Soil Scientist	Dover-Foxcroft
Clark, Donald O.	Soil Scientist	Ellsworth
Engle, Janet L.	Soil Scientist	Dover-Foxcroft
Flewelling, Lawrence R.	Party Leader	Dover-Foxcroft
Grisi, Brian F.	Soil Scientist	Dover-Foxcroft
Hedstrom, Gary T.	Party Leader	Farmington
Hoar, Wayne D.	Soil Scientist	Farmington
Hughes, Paul A., Jr.	Soil Scientist	Farmington
Jordan, Glendon B.	Party Leader	Ellsworth
Joslin, Robert V., Jr.	Asst State Soil Scientist	Orono
Kalloch, Norman R., Jr.	Party Leader	South Paris
LaFlamme, Kenneth J.	Soil Scientist (Correlator)	Orono
Lisante, Robert H.	Soil Scientist	South Paris
Miller, Jonathan W.	Soil Scientist	South Paris
Olson, Ronald W.	Soil Scientist	Presque Isle
Popp, David J.	Soil Scientist	South Paris
Wilkinson, David E.	Soil Scientist	Ellsworth

MARYLAND

<u>Name</u>	<u>Title</u>	<u>Location</u>
Brewer, James	Soil Scientist	Cambridge
Brown, James	Soil Scientist	Rockville
Robinette, Carl	Area Soil Scientist	Frederick
White, Ed	Area Soil Scientist	Easton
Yost, David	State Soil Scientist	College Park

MASSACHUSETTS

<u>Name</u>	<u>Title</u>	<u>Location</u>
Fletcher, Peter C.	Soil Scientist	Raynham
Frappier, Denise M.	Soil Scientist	Littleton
Grice, Darrell G.	State Soil Scientist	Amherst
Hotz, Charles F.	Soil Scientist	Holden
Hundley, Steven J.	Asst State Soil Scientist	Amherst
Peragallo, Thomas A.	Soil Scientist	Littleton
Scann, Richard J.	Soil Scientist	Pittsfield
Swenson, Eric I.	Soil Scientist	Hadley
Taylor, William H.	Soil Scientist	Holden

MICHIGAN

<u>Name</u>	<u>Title</u>	<u>Location</u>
Anzalone, William C.	Soil Scientist	Kincheloe
Berndt, Loren W.	Party Leader	Houghton
Bowman, William L.	Party Leader	Cassopolis
Calus, Joseph K.	Soil Scientist	West Branch
Carey, Lawrence M.	Soil Scientist	Stephenson
Dumont, Joseph R.	Soil Scientist	Cadillac
Evon, Robert E.	Soil Scientist	West Branch
Fisher, Charles S.	State Soil Scientist	East Lansing
Frederick, William E.	Forest Soils Specialist	L'anse
Knapp, Bruce D.	Party Leader	Rogers City
Kroell, Martin L., III	Soil Scientist	Kincheloe
Linsemier, Lyle H.	Party Leader	Iron Mountain
Metttert, Wesley K.	Soil Scientist	Flint
Neilson, Richard E.	Soil Scientist	Kincheloe
Perkis, William E.	Soil Scientist	Hastings
Purkey, Thomas L.	Party Leader	Fremont
Quisler, John M.	Soil Scientist	Stephenson
Robinson, James G.	Soil Scientist	Iron Mountain
Rodock, Stephen E.	Soil Scientist	Iron Mountain
Schwenner, Charles F.	Party Leader	Stephenson
Stroesenreuther, Neil W.	Asst State Soil Scientist	East Lansing
Tardy, Stephen W.	Party Leader	Cheboygan
Teachman, George E.	Soil Scientist	Cheboygan
Thoen, Gregory F.	Party Leader	Hastings
Tompkins, Edward A.	Asst State Soil Scientist	East Lansing
White, David V.	Soil Scientist	Houghton
Whitney, Gregory D.	Party Leader	Kincheloe
Wikgren, Kenneth R.	Soil Scientist	Houghton

MINNESOTA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Aas, Ward J.	Soil Scientist	Wadena
Aldeen, David L.	Party Leader	Wadena
Anderson, Robert W.	Soil Scientist	North Branch
Bond, Richard W.	Soil Specialist	St. Paul
Brug, William H., Jr.	Party Leader	Little Falls
Bruns, Edward L.	Asst State Soil Scientist	St. Paul
Carlson, Carrol R.	Party Leader	Austin
Christensen, Keith A.	Party Leader	Detroit Lakes
DeMartelaere, Donald E.	Area Soil Scientist	Fergus Falls
Diers, Marc P.	Party Leader	Luverne
Domeier, Michael	Soil Scientist	St. James
Dykhuisen, Duane R.	Soil Scientist	Brooklyn Center
Fait, Thomas	Area Soil Scientist	Duluth
Genrich, Raymond C.	Party Leader	North Branch
Gorton, Jerome	Soil Scientist	Little Falls
Gustafson, Thomas	Party Leader	Baudette
Heil, Dennis M.	State Soil Scientist	St. Paul
Heschke, Rodney	Area Soil Scientist	Thief River Falls
Hokanson, Hilding L.	Area Soil Scientist	Marshall
Jackson, Thomas C.	Soil Scientist	Blue Earth
Jacobson, Malvern N.	Party Leader	Breckenridge
Lepp, Jeff	Soil Scientist	Virginia
Lieser, Michael L.	Soil Scientist	Long Prairie
Lueth, Robert A.	Party Leader	Winona
Matzdorf, Kenneth D.	Party Leader	Blue Earth
McCormick, Gerald D.	Soil Scientist	Virginia
Murray, James J.	Party Leader	St. James
Nelson, Gary D.	Party Leader	Slayton
Nyberg, Paul R. C.	Party Leader	Aitkin
Oja, Mike	Soil Scientist	Aitkin
Oskvig, Carroll	Soil Scientist	Lewiston
Paulson, Richard O.	Area Soil Scientist	St. Peter
Poch, George A.	Area Soil Scientist	Rochester
Radatz Ess, Caryl	Soil Scientist	Baudette
Richardson, Tim	Party Leader	Walker
Rolling, Richard E.	Party Leader	Bemidji
Saari, Charles T.	Party Leader	Long Prairie
Schulzetenberg, James U.	Party Leader	Le Center
Sharp, Jerry A.	Party Leader	Virginia
Steffen, Kim	Soil Scientist	Little Falls



MISSISSIPPI

<u>Name</u>	<u>Title</u>	<u>Location</u>
Brass, Paul R.	Party Leader	DeKalb
Brent, Floyd V., Jr.	Party Leader	Tupelo
Cole, William A.	Party Leader	Brandon
Davis, Rex E.	Party Leader	Hattiesburg
Dixon, Charlie M.	Soil Scientist	Wiggins
Hinton, Robert B.	Soil Correlator ✓	Jackson
Huddleston, Jerry S.	Party Leader	Grenada
Kilpatrick, Thomas T.	Party Leader	Brookhaven
Koos, William M.	State Soil Scientist ✓	Jackson
McArthur, Margaret L.	Soil Scientist	Wiggins
McMullen, James W.	Party Leader	Kosciusko
Miller, Karl H.	Party Leader	Louisville
Morris, William M.	Party Leader	Oxford
Neal, Huel L.	Party Leader	Greenwood
Scott, Frank T.	Party Leader	Lexington
Spann, Mary Louise	Soil Scientist	Brandon
Smith, William I.	Asst State Soil Scientist ✓	Jackson

MISSOURI

<u>Name</u>	<u>Title</u>	<u>Location</u>
Aldrick, Max W.	Party Leader	Cassville
Baker, John L.	Party Leader	Marshall
Bartles, Carol A.	Soil Scientist	Hannibal
Benham, Kenneth E.	Party Leader	Brookfield
Broderson, William D.	Asst State Soil Scientist ✓	Columbia
Brown, Burton L.	Party Leader	Farmington
Butler, E. Rex	Party Leader	Poplar Bluff
Cook, Michael A.	Party Leader	Carrollton
Davis, Keith O.	Party Leader	Savannah
Dodd, Jerry A.	Party Leader	Springfield
Festervand, Dorris F.	Party Leader	Unionville
Graves, Lewis H., Jr.,	Party Leader	Houston
Gregg, Kenneth L.	Soil Scientist	Farmington
Held, Robert J.	Party Leader	Union
Holdman, Patricia A.	Soil Scientist	Bethany
Horn, Frederick E.	Party Leader	Fulton
Howard, David A.	Party Leader	Osceola
Lockridge, Earl D.	Party Leader	Milan
McBee, Richard E.	Party Leader	Buffalo
Minor, Paul E.	Soil Specialist ✓	Columbia
Pauls, William R.	Party Leader	Bethany
Potter, Dennis K.	Party Leader	Macon
Robertson, George D.	Party Leader	Rolla
Simmons, George T.	Party Leader	Warrensburg
Thompson, Bruce W.	State Soil Scientist ✓	Columbia
Vogt, Kenneth D.	Soil Specialist ✓	Columbia
Watson, F. Conrad	Party Leader	Hannibal
Wolf, David W.	Party Leader	Camdenton
Zimmerman, Jerome L.	Party Leader	Maryville

MONTANA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Anderson, Arial	Soil Scientist	Helena
Bandy, Richard G.	Soil Scientist	Baker
Benson, Arnold N.	Soil Scientist	Miles City
Berger, Gary F.	Soil Scientist	Baker
Bingham, LaMonte C.	Soil Survey Party Leader	Helena
Boast, Robert R.	Soil Scientist	Polson
Braker, William L.	Soil Scientist—	Bozeman
Brincken, Edward A.	Soil Scientist	Whitehall
Bronec, Rebecca L.	Soil Scientist	Fort Benton
Browne, Michael F.	Soil Scientist	Miles City
Dougherty, Brian D.	Soil Survey Party Leader	Polson
Duncan, Bradley J.	Soil Scientist	Roundup
Farnsworth, Dean H.	Soil Scientist	Choteau
Fouts, William L.	Soil Scientist	Miles City
Gariglio, Frank, III	Soil Scientist	Deer Lodge
Hansen, Michael J.	Soil Survey Party Leader	Plains
Hilts, George B.	Soil Survey Party Leader	Choteau
Keck, Thomas J.	Soil Scientist	Roundup
Lindahl, John A.	Soil Scientist	Baker
Long, Huey A.	Soil Survey Party Leader	Deer Lodge
McCain, Patrick E.	Soil Scientist	Helena
McLean, Dan L.	Soil Survey Party Leader	Baker
Richardson, Robert E.	Soil Scientist —	Bozeman
Rogers, Jack W.	State Soil Scientist ✓	Bozeman
Rolfes, George A.	Soil Scientist	Deer Lodge
Saunders, Richard M.	Soil Scientist	Fort Benton
Scalzone, Kenneth T.	Soil Scientist	Baker
Setera, Jerome M.	Soil Survey Party Leader	Miles City
Smetana, Dennis R.	Soil Survey Party Leader	Roundup
Smith, James H.	Soil Scientist	Miles City
Spokas, Robert J.	Soil Scientist	Choteau
Strom, Donald E.	Soil Survey Party Leader	Whitehall
Svendsen, Neal R.	Soil Survey Party Leader	Fort Benton
Trochlell, David J.	Soil Scientist	Missoula
VanFossen, Steven G.	Soil Scientist	Choteau
Vyain, David A.	Soil Scientist	Roundup
Weber, Thomas J.	Soil Scientist	Plains
Wegmann, Robert E.	Soil Scientist	Roundup

NEBRASKA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Borchers, Glenn	Party Leader	Sidney
Culver, James R.	State Soil Scientist	Lincoln
DaMoude, Dean	Party Leader	Wilber
Dixon, Marvin L.	Asst State Soil Scientist	Lincoln
Hammer, Roger	Party Leader	Ainsworth
Hammond, Charles	Area Soil Scientist	Norfolk
Indra, Orville	Party Leader	O'Neill
Mahnke, Charles	Party Leader	Rushville
McCoy, Gary	Soil Scientist	Scottsbluff
Paden, Harry	Party Leader	Imperial
Pollock, Robert S.	Soil Scientist Specialist	Lincoln
Ragon, Larry	Party Leader	Valentine
Scheinost, Steve	Party Leader	Ogallala
Schulte, Ronald	Party Leader	Creighton
Seevers, Vern	Soil Scientist	Burwell
Shurtliff, Dan	Party Leader	Burwell
Vanek, Wayne	Party Leader	Scottsbluff
Voightlander, Arthur	Soil Scientist	Rushville
Wahl, Frank	Party Leader	Loup
Willoughby, Mark	Party Leader	Crawford
Wilson, Jay	Party Leader	Ord
Zink, Richard	Area Soil Scientist	Grand Island

NEVADA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Archer, Warren M.	Party Leader	Yerington
Blackburn, Paul	Party Leader	Elko
Blake, Edward W.	Party Leader	Fallon
Borup, Harry J.	Party Leader	Las Vegas
Bowerman, Terry S.	Party Leader	Elko
Burlingame, Harold V.	Soil Scientist	Winnemucca
Candland, David M.	Party Leader	Reno
Dollarhide, William E.	Acting State Soil Scientist	Reno
DuRousseau, Joseph H., Jr.	Soil Scientist	Yerington
Dyer, Steven T.	Soil Scientist	Elko
Fisher, John B	Party Leader	Fallon
Gary, Shawn E.	Soil Scientist	Ely
Hasty, Carl M.	Soil Scientist	Fallon
Jett, Carole E.	Party Leader	Fallon
Kaiser, Deborah L.	Soil Scientist	Elko
Merkler, Douglas J.	Soil Scientist	Fallon
McKay, Thomas R.	Party Leader	Winnemucca
Mitchell, Wayburn D.	Party Leader	Ely
Monroe, Gary A.	Soil Scientist	Reno
Pickel, Henry D.	Soil Scientist	Elko
Ruegger, Jay A.	Soil Scientist	Las Vegas
Spear, James F.	Soil Scientist	Fallon
Speck, Robert L.	Party Leader	Las Vegas
Staidl, George J.	Soil Scientist	Reno
Tallyn, Edwin F., Jr.	Soil Scientist	Ely
Van der Noordaa, Johann T.	Soil Scientist	Fallon
Wasner, Alan R.	Soil Scientist	Elko
Weyrauch, Reina L.	Soil Scientist	Winnemucca
Wilson, Randall W.	Soil Scientist	Las Vegas
Worrel, Dennis W.	Party Leader	Elko
Zimmerman, Robert P.	Soil Scientist	Reno

NEW HAMPSHIRE

<u>Name</u>	<u>Title</u>	<u>Location</u>
Coombs, Geoffrey W.	Soil Scientist	Keene
Dellinger, Carl E.	Soil Scientist	Woodsville
Dubee, Bruce C.	Soil Scientist	Lancaster
Gove, James P.	Soil Scientist	Exeter
Handler, John F.	Party Leader	Lancaster
Harward, Kenneth E.	Party Leader	Woodsville
Homer, Joseph	Soil Scientist	Woodsville
Kelsea, Russel J.	Party Leader	Exeter
Mount, Henry R.	Asst State Soil Scientist	Durham
Pilgrim, Sidney A. L.	State Soil Scientist	Durham
Rosenberg, Gerald L.	Party Leader	Keene

NEW JERSEY

Eby, Carl F.	Asst State Soil Scientist	Somerset
Goodman, Seymour	Area Soil Scientist	Hampton
Kirkham, Wendell, C.	State Soil Scientist	Somerset
Smith, Howard C.	Area Soil Scientist	Hammonton

NEW MEXICO

<u>Name</u>	<u>Title</u>	<u>Location</u>
Anderson, George	Asst State Soil Scientist	Albuquerque
Carter, David	Area Soil Scientist	Las Cruces
Chavez, Clarence	Soil Scientist	Grants
Chiaretti, Joe	Soil Scientist	Shiprock
Hacker, Leroy	Area Soil Scientist	Rio Rancho
Hill, Robert	Party Leader	Santa Rosa
Johnson, W. Ralph	Party Leader	Shiprock
Kosse, Alan	Soil Scientist	Santa Rosa
Lenfesty, Charles	Soil Correlator	Albuquerque
McCarty, Tom	Soil Scientist	Santa Rosa
Montoya, Clarence	Soil Scientist	Grants
Muckel, Gary B.	State Soil Scientist	Albuquerque
Parham, Tommie	Party Leader	Grants
Roybal, Michael	Party Leader	Chama
Ruiz, Javier	Area Soil Scientist	Roswell
Scheffe, Ken	Soil Scientist	Santa Rosa
Sprankle, Dale	Party Leader	Cloudcroft
Stratton, Gerald	Soil Scientist	Chama

## NEW YORK

<u>Name</u>	<u>Title</u>	<u>Location</u>
Averill, Albert N., Jr.	Soil Scientist	Carmel
Bonnell, Steven M.	Soil resource Specialist	New City
Brauen, Gerald B.	Biological Technician	Jamestown
Broad, William A.	Soil Survey Party Leader	South Cairo
Carlisle, Steven C.	Soil Survey Party Leader	Canton
Case, Roger J.	Soil Survey Party Leader	Hudson
Connelly, Kevin A.	Soil Scientist	Canton
Crandall, Leslie	Soil Survey Party Leader	Cooperstown
Day, Laurence, D.	Soil Scientist	Canton
Faber, Marjorie	Soil Scientist	Hudson
Finn, Shawn M.	Soil Scientist	Plattsburgh
Gilbert, Frederick L.	State Soil Scientist	Syracuse
Hanna, Willis E.	Soil Scientist	Syracuse
Higgins, Bradford A.	Soil Resource Specialist	Rochester
Indrick, Steven S.	Soil Scientist	New Hartford
Kick, John W.	Soil Survey Party Leader	New Hartford
Konopka, Paul E.	Soil Scientist	Ballston Spa
Kotlar, Karen A.	Soil Scientist	Jamestown
Krawiecki, Val J.	Soil Survey Party Leader	Plattsburgh
McDowell, Letember	Soil Resource Specialist	Watertown
Page, Stephen J.	Soil Scientist	Carmel
Puglia, Paul S.	Soil Survey Party Leader	Jamestown
Robinson, Luther H.	Soil Scientist	Canton
Siefried, Stefan T.	Soil Survey Party Leader	Middletown
Silverman, Mark H.	Soil Survey Party Leader	Ballston Spa
Smith, Gerald W.	Soil Scientist	Plattsburgh
Stein, Edward R.	Soil Scientist	Cooperstown
Trevail, Theodore D.	Soil Scientist	Carmel
Vanacore, Ronald J.	Soil Scientist	Jamestown
Van Doren, Kenneth W.	Soil Scientist	Canton
Warner, John W., Jr.	Soil Scientist	Syracuse
Wheeler, Keith A.	Soil Resource Specialist	Ray Brook
Work, Ralph	Soil Resource Specialist	Albany
Wulforst, John P.	Soil Survey Party Leader	Ellicottville

NORTH CAROLINA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Bailey, Moulton A.	Soil Survey Party Leader	Halifax
Barnhill, William L.	Soil Survey Party Leader	Goldsboro
Bliley, Daniel J.	Soil Survey Party Leader	Oxford
Bocchetti, Gina	Soil Scientist	Jacksonville
Brandon, Clarence E.	Soil Survey Party Leader	Jackson
Clapp, David C.	Soil Scientist	Jacksonville
Evans, Forrest F., Jr.	Soil Scientist	Cherryville
Evans, Steven, T.	Soil Scientist	Waynesville
Gagnon, John A., Jr.	Soil Scientist	Edenton
Goddard, Tyrone M.	Soil Scientist	Greensboro
Goodwin, Roy A., Jr.	Soil Specialist	Cherryville
Hale, Lloyd B.	Soil Survey Party Leader	Waynesville
Hayhurst, Ernest N.	Asst State Soil Scientist	Raleigh
Hudson, Berman	Asst State Soil Scientist	Raleigh
Hudson, Mark S.	Soil Scientist	Cullowhee
Leab, Roger J.	Soil Survey Party Leader	Danbury
Mallard, L. Lee, III	Soil Scientist	Franklin
Mathis, Roy L., Jr.	Soil Scientist	Wilkesboro
McCachren, Clifford M.	Soil Survey Party Leader	Salisbury
Mellette, Eugene W.	Soil Scientist	Halifax
Monds, L. Darlene	Soil Scientist	Danbury
Newton, Darwin L.	State Soil Scientist	Raleigh
Ortosky, J. Michael, Jr.	Soil Survey Party Leader	Wilkesboro
Ranson, Robert H., Jr.	Soil Survey Party Leader	Marion
Rider, R. Bruce	Soil Scientist	Jackson
Schoeneberger, Philip J.	Soil Scientist	Raleigh
Sherrill, Michael L.	Soil Survey Party Leader	Cullowhee
Sink, Larry T.	Area Soil Scientist	Roxboro
Smith, Bruce P., Jr.	Soil Scientist	Hayesville
Smith, Christopher W.	Soil Scientist	Raleigh
Spruill, Willie E.	Soil Survey Party Leader	Rockingham
Stephens, Ronald B.	Soil Survey Party Leader	Monroe
Stimpson, Jerry V.	Soil Survey Party Leader	Carthage
Tant, Phillip L.	Soil Survey Party Leader	Edenton
Templeton, Deborah	Soil Scientist	Raleigh
Thomas, Douglas J.	Soil Survey Party Leader	Franklin
Tuttle, John W.	Soil Scientist	Roxboro
Vrana, Jon D.	Soil Scientist	Franklin
Wood, Brian	Soil Scientist	Carthage
Woody, William E.	Soil Survey Party Leader	Cherryville



NORTH DAKOTA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Aziz, Frederick P.	Party Leader	Beach
Bigler, Ricky J.	Party Leader	Jamestown
Champa, Thomas	Party Member	Stanley
Deslauriers, Lynn L.	Party Leader	Bottineau
Edland, Lawrence E.	Party Leader	Carson
Ekart, Sylvester C.	State Soil Scientist	Bismarck
Frisch, Steven	Party Member	Mott
Heidt, Cornelius J.	Party Leader	Lakota
Lee, Richard	Party Member	Carson
Liudahl, Ken	Party Member	Jamestown
Malakowsky, Steven	Party Member	Bismarck
Moen, Don	Party Member	Lakota
Moos, Dean	Party Leader	Langdon
Morrison, Mark	Party Member	Lakota
Murphy, Robert	Party Member	Bottineau
Opdahl, Donald D.	Party Leader	Valley City
Prochnow, Norman D.	Area Soil Scientist	Fargo
Schaar, Jerome	Party Member	Stanley
Selig, Bruce	Party Leader	Steele
Sieler, Steven J.	Party Member	Bottineau
Simmons, Melvin	Party Member	Langdon
Strum, James F.	Area Soil Scientist	Bismarck
Sucik, Michael	Party Member	Stanley
Terry, Willie	Party Member	Valley City
Thiele, James H.	Asst State Soil Scientist	Bismarck
Thompson, Kenneth W.	Area Soil Scientist	Dickinson
Ulmer, Mike	Party Leader	Mott
Vanderbusch, Darrell E.	Party Leader	Stanley
Whited, P. Michael	Party Member	Mott
Wright, M. Robert	Area Soil Scientist	Minot
Vacant	Area Soil Scientist	Grand Forks

OHIO

<u>Name</u>	<u>Title</u>	<u>Location</u>
Böttrell, G. D.	Soil Scientist	Pomeroy
Brown, D. L.	Soil Resource Specialist	West Union
Buzard, R. W.	Soil Resource Specialist	Steubenville
Christman, R. L.	Admin. Soil Inv. & Eval	Columbus
D'Avello, T. P.	Soil Scientist	Coshocton
Ernst, J. E.	Soil Survey Party Leader	Norwalk
Feusner, M. M.	Soil Resource Specialist	Ironton
Flesher, E. C.	Area Staff Soil Scientist	Defiance
Gehring, R. M.	Soil Survey Party Leader	Mt. Gilead
Gerber, T. D.	Soil Survey Party Leader	Steubenville
Gerken, J. C.	Soil Specialist	Columbus
Gilmore, G. M.	Soil Survey Party Leader	Pomeroy
Graham, T. E.	Soil Survey Party Leader	Millersburg
Griffith, M. A.	Soil Scientist	Zanesville
Hacker, S. C.	Soil Scientist	Mt. Gilead
Hamilton, S. J.	Soil Resource Specialist	Ironton
Huffman, K. K.	State Soil Scientist	Columbus
Vacant	Soil Survey Party Leader	Coshocton
Jenny, P. C.	Soil Scientist	Cambridge
Johnson, M. W.	Soil Scientist	Newark
Kerr, J. W.	Soil Survey Party Leader	Gallipolis
Lehman, S. F.	Area Staff Soil Scientist	Dayton
Lemaster, D. D.	Soil Survey Party Leader	Logan
Lerch, N. K.	Soil Survey Party Leader	Georgetown
Lucht, T. E.	Soil Survey Party Leader	West Union
Mapes, D. R.	Soil Specialist	Columbus
Martin, N. H.	Soil Resource Specialist	Kenton
McCleary, F. E.	Soil Survey Party Leader	Ironton
McClure, D. M.	Soil Scientist	Mt. Gilead
Michael, D. R.	Soil Scientist	Georgetown
Miller, K. E.	Soil Survey Party Leader	Kenton
Milliron, E. L.	Area Staff Soil Scientist	Medina
Parkinson, R. J.	Soil Survey Party Leader	Newark
Redmond, C. E.	Area Staff Soil Scientist	Mt. Vernon
Ritchie, A., Jr.,	Soil Survey Coordinator	Columbus
Robbins, R. A.	Soil Survey Party Leader	Kenton
Roth, L. E.	Soil Resource Specialist	New Philadelphia
Rubel, T. N.	Soil Survey Party Leader	Cambridge
Schaefer, W. T., Jr.	Soil Scientist	Millersburg
Steiger, J. R.	Soil Survey Party Leader	Zanesville
Svododa, J.	Soil Resource Specialist	Gallipolis
Tornes, L. A.	Asst State Soil Scientist	Columbus
Waters, D. D.	Soil Survey Party Leader	New Philadelphia
Williams, N. L.	Soil Survey Party Leader	Warren
Vacant	Soil Resource Specialist	Warren

OKLAHOMA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Abernathy, Edward J.	Area Soil Scientist	Hugo
Bourlier, Bobby G.	Soil Survey Party Leader	Oklahoma City
Brinlee, R. C.	Soil Survey Party Leader	Okemah
Cail, Charles	Area Soil Scientist	Woodward
Cearley, Zane	Soil Scientist	Buffalo
Cole, Everett L.	Soil Interpretation Spec.	Stillwater
Ford, Jimmy	Soil Survey Party Leader	Alva
Frie, Jimmie W.	Soil Correlator	Stillwater
Gelnar, R. Dwaine	Soil Scientist	Perry
Henley, Jim	Soil Survey Party Leader	Perry
Kichler, Larry	Soil Survey Party Leader	Bristow
Moebius, Gordon	Area Soil Scientist	Duncan
Moffatt, Harold	Area Soil Scientist	Clinton
Reinsch, Thomas G.	Soil Scientist	Okemah
Sample, Gerald	Soil Scientist	Buffalo
Scott, Gregory	Soil Survey Party Leader	Pawnee
Stevenson, Karen	Soil Scientist	Alva
Townsend, Mark	Soil Survey Party Leader	Bristow
Wagner, Billy J.	State Soil Scientist	Stillwater
Watterson, Anderson	Soil Scientist	Oklahoma City
White, Joe	Soil Scientist	Pawnee
Williams, Glen E.	Soil Survey Party Leader	Medford
Wilson, R. Clay	Soil Scientist	Alva

OREGON

<u>Name</u>	<u>Title</u>	<u>Location</u>
Almaraz, Russell A.	Soil Scientist	Medford
Borine, Roger H.	Party Leader	Medford
Clark, Thomas L.	Soil Scientist	Burns
Coleman, Robert G.	Soil Scientist	Roseburg
Ferry, William H.	Party Leader	Bend
Fillmore, Matthew H.	Soil Scientist	Baker
Gerig, Allen J.	Area Soil Scientist	Baker
Green, George L.	Asst State Soil Scientist	Portland
Haagen, John T.	Party Leader	Coquille
Hosler, Richard E.	Party Leader	Burns
Johnson, David R.	Party Leader	Pendleton
Kienzle, R. James	Party Leader	Lakeview
Kitzrow, Gary A.	Soil Scientist	Roseburg
Laird, William E.	Party Leader	Baker
Langridge, Russell W.	Area Soil Scientist	Albany
Latshaw, Gerald J.	State Soil Scientist	Portland
MacDonald, Gerald D.	Soil Scientist	Baker
Makinson, Allen J.	Area Soil Scientist	Pendleton
Patching, William R.	Party Leader	Newport
Pfenninger, Roger	Soil Scientist	Medford
Setness, Duane K.	Soil Scientist	Medford
Shipman, John A.	Soil Scientist	Seaside
Smith, Philip R.	Party Leader	Seaside
Smythe, Richard T.	Party Leader	Hillsboro
Terrell, Allan C.	Party Leader	Roseburg
Thorson, Thor D.	State Soil Correlator	Portland
Walker, Aimee E.	Soil Scientist	Pendleton

PENNSYLVANIA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Bush, R. Dennis	Soil Scientist	Lewisburg
Churchill, Norman	Party Leader	Leesport
Custer, Boyd	Soil Scientist	Clarion
Ellenberger, Ned	Soil Scientist	Bedford
Hallowich, Joseph	Soil Scientist	Bloomsburg
Hallowich, Joseph	Soil Scientist	State College
Heffernan, John	Soil Scientist	York
Hudak, John	Party Leader	Coudersport
Knight, Robert	Party Leader	Bedford
Kohler, Clifford	Party Leader	Mill Hall
Kopas, Frank	Party Leader	Ridgway
Lipscomb, Garland H.	State Soil Scientist	Harrisburg
Martin, George D.	Asst State Soil Scientist	Harrisburg
Merkel, Edward	Soil Scientist	Lebanon
Siebert, Daniel	Soil Scientist	Somerset
Smith, Robert	Party Leader	York

PUERTO RICO

<u>Name</u>	<u>Title</u>	<u>Location</u>
Daniels, Lewis	Soil Scientist	San Juan
Ramos, Gilberto Acevedo	State Soil Scientist	San Juan

RHODE ISLAND

<u>Name</u>	<u>Title</u>	<u>Location</u>
Everett, C. A. Stuart	Soil Resource Specialist	West Warwick
Sautter, Edward H.	State Soil Scientist	Storrs, CN
Shook, Roy A., Jr.	Asst State Soil Scientist	Storrs, CN

SOUTH CAROLINA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Brown, Leander L.	Soil Scientist	Florence
DeFrancesco, Dennis J.	Targeted Soil Scientist	Lexington
Eick, Charles	Student Trainee	Walterboro
Eppinette, Robert T.	Soil Scientist	Walterboro
Fowler, Randy	Soil Scientist	Orangeburg
Hallbick, Donald C.	State Soil Scientist	Columbia
Herren, Edward C.	Party Leader	Anderson
Mitchell, Cleveland J., Jr.	Party Leader	Camden
Morton, Ronald	Soil Scientist	Florence
Rogers, Vergil A.	Party Leader	Savannah River
Stuckey, Benjamin N., Jr.	Asst State Soil Scientist	Columbia
Ward, Bobby J.	Party Leader	Florence

SOUTH DAKOTA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Alexander, Jerald	Survey Leader	Howard
Anderson, Scott	Soil Scientist	Custer
Bachman, Wayne	Survey Leader	Dupree
Boschee, Sharon	Soil Scientist	Wall
Clausen, James	Soil Scientist	Aberdeen
Emerson, Kathy	Soil Scientist	Rapid City
Ensz, Ed	Survey Leader	Rapid City
Faulkner, Allen	Survey Leader	Murdo
Fischer, Steven	Soil Scientist	Aberdeen
Hardison, Alan	Soil Scientist	Dupree
Heil, Kenneth J.	Survey Leader	Mobridge
Johnson, Warren F.	Soil Scientist	Huron
Kalvels, John	Soil Scientist	Hot Springs
Kempton, Kim	Soil Scientist	Mobridge
Krauss, Rod	Soil Scientist	Hot Springs
Krueger, Karl	Soil Scientist	Chamberlain
Kunze, Bruce	Survey Leader	Flandreau
Martin, Thomas	Soil Scientist	Aberdeen
Meland, Arvid	Survey Leader	Sturgis
Miller, Kenneth	Survey Leader	Clear Lake
Nielsen, Robert	Survey Leader	Wall
Oertly, Janet	Soil Scientist	Wall
Olson, Kendall	Soil Scientist	Flandreau
Schlepp, Richard	Survey Leader	Philip
Schultz, Loren	Survey Leader	Aberdeen
Schumacher, Thomas M.	Survey Leader	Highmore
Smalley, Miles W.	State Soil Scientist	Huron
Springer, Robert F.	Soil Scientist	Huron
Vialle, Regis	Survey Leader	W. Sprgs.
Wiesner, C. Howard	Survey Leader	Hayti
Zavesky, Larry D.	Asst State Soil Scientist	Huron

TENNESSEE

<u>Name</u>	<u>Title</u>	<u>Location</u>
Bauman, Briggs	Soil Scientist	Gallatin
Birdwell, Bobby T.	State Soil Scientist	Nashville
Brasfield, Debra	Soil Scientist	Trenton
Campbell, Jessie F.	Party Leader	Nashville
Clendenon, Douglas F.	Soil Scientist	Waynesboro
Colflesh, Jack	Soil Scientist	Lebanon
Conner, Clarence T.	Party Leader	Jacksboro
Crader, Kenneth	Party Leader	Waynesboro
Davis, Harry C.	Party Leader	Pikeville
Dollar, Hershel	Soil Scientist	Benton
Feldman, Steve	Soil Scientist	Shelbyville
Gibi, John G.	Soil Scientist	Martin
Henry, Terry	Soil Scientist	Bolivar
Jenkins, Johnson C.	Party Leader	Trenton
Lewis, David E.	Asst State Soil Scientist	Nashville
McCowan, Carlisle	Party Leader	Brownsville
McCroskey, Charles E.	Party Leader	Shelbyville
McKinney, David E.	Party Leader	Knoxville
McMillen, David C.	Soil Scientist	Brownsville
Moffitt, William C.	Party Leader	Chattanooga
Moore, Charles L.	Party Leader	Martin
Moore, Roy K.	Party Leader	Cookeville
Prater, Jerry	Party Leader	Gallatin
Rochat, Laurence A.	Soil Scientist	Pikeville
Sims, Raymond P.	Soil Interpretation Spec.	Nashville
Thomas, David W.	Party Leader	Bolivar
Turner, Willie	Soil Scientist	Brownsville

TEXAS

<u>Name</u>	<u>Title</u>	<u>Location</u>
Allison, John E.	Soil Scientist	Lampasas
Arriaga, Daniel	Soil Scientist	Carrizo Springs
Batte, Charles D.	Staff Soil Scientist	Austin
Bearden, Eddie D.	Supvry. Soil Scientist	Caldwell
Blackstock, Dan A.	State Soil Scientist	Lubbock
Brown, Samuel E., Jr.	Soil Scientist	Marshall
Bruns, Roy H. L.	Soil Scientist	Hallettsville
Bynum, Otto W.	Supvry. Soil Scientist	Lampasas
Castille, Joseph J.	Soil Scientist	Madisonville
Chervenka, Woodrow G.	Staff Soil Scientist	Bryan
Clower, Dennis F.	Staff Soil Scientist	Brownwood
Coburn, Winfred C.	Supvry. Soil Scientist	Fredericksburg
Cochran, Rex A.	Supvry. Soil Scientist	Alpine
Crenwelge, Gerald W.	Supvry. Soil Scientist	Rosenberg
Cyprian, Thomas E.	Supvry. Soil Scientist	Breckenridge
Daigle, Jerry J.	Staff Soil Scientist	Vernon
Dolezel, Raymond	Supvry. Soil Scientist	Nacogdoches
Douglas, James A., II	Soil Scientist	LaGrange
Dowell, G. S., III	Soil Scientist	Eden
Feuerbacher, Thomas A.	Soil Scientist	Liberty
Finnell, Paul R.	Soil Scientist	Llano
Flores, Plinio H.	Soil Scientist	Victoria
Fuchs, Charles R.	Soil Scientist	Nacogdoches
Gaber, Dennis J.	Soil Scientist	Cameron
Gabriel, Wayne J.	Supvry. Soil Scientist	Pearsall
Galbraith, John M.	Soil Scientist	Pearsall
Goerdel, Auline R.	Supvry. Soil Scientist	Bonham
Golden, Michael L.	Supvry. Soil Scientist	Marshall
Gray, Lynn D.	Soil Scientist	Crockett
Greenwade, James M.	Supvry. Soil Scientist	Hempstead
Griffin, Edward L.	Soil Scientist	Groesbeck
Griffith, Kirby	Supvry. Soil Scientist	Liberty
Groves, John A.	Soil Scientist	Pearsall
Guckian, William	Supvry. Soil Scientist	Beeville
Haberer, John	Soil Scientist	Caldwell
Hatherly, Don T.	Supvry. Soil Scientist	Tyler
Holland, Paul D.	Soil Scientist	Liberty
Holt, Thomas H.	Soil Scientist	Nacogdoches
Hyde, Harold W.	Supvry. Soil Scientist	Hallettsville
Jackman, James M.	Soil Scientist	Gatesville
Jacob, John S.	Soil Scientist	Victoria
Jacobs, Jerry L.	Staff Soil Scientist	Harlingen
Janak, Edward F.	Supvry. Soil Scientist	Corsicana
Jurena, Maurice R.	Soil Scientist	Madisonville
Kiniry, Laurie L.	Soil Scientist	Gatesville
Lowther, Audrey C.	Staff Soil Scientist	Abilene
McCaleb, Nathan L.	Supvry. Soil Scientist	Gatesville
Meier, Charlie G.	Supvry. Soil Scientist	Jacksboro
Miller, Glen B.	Soil Scientist	Waco
Miller, Wesley	Supvry. Soil Scientist	Victoria



TEXAS CONT'D

<u>Name</u>	<u>Title</u>	<u>Location</u>
Molino, Romero	Soil Scientist	Beeville
Neitsch, Conrad	Supvry. Soil Scientist	Madisonville
Nordt, Lee	Soil Scientist	Bryan
Park, Steven S.	Soil Scientist	Breckenridge
Peer, Alan C.	Soil Scientist	Marshall
Pringle, Fred B.	Soil Scientist	Amarillo
Ramsey, Robert N.	Supvry. Soil Scientist	Temple
Randall, Joe	Soil Scientist	Jacksboro
Ressel, Dennis D.	Supvry. Soil Scientist	LaGrange
Risinger, William M.	Soil Scientist	Lubbock
Rives, Jerry L.	Staff Soil Scientist	Pecos
Roberts, Kirthell	Supvry. Soil Scientist	Mt. Pleasant
Sabo, Donald J.	Soil Scientist	Hempstead
Sherwood, Cathrine L.	Soil Scientist	Bonham
Smith, Brandon D.	Soil Scientist	Hempstead
Sobecki, Terrence M.	Supvry. Soil Scientist	Tyler
Step toe, Levi, Jr.	Supvry. Soil Scientist	Crockett
Stevens, Jack W.	Staff Soil Scientist	Uvalde
Stringer, Billy R.	Staff Soil Scientist	Terrell
Thompson, Charles	State Soil Scientist	Temple
Wiedenfeld, Clarence C.	Staff Soil Scientist	San Angelo
Wilhelm, Morris F.	Soil Scientist	Hallettsville
Williamson, Dennis L.	Staff Soil Scientist	Alice
Wyrick, Jim C.	Staff Soil Scientist	Pampa

UTAH

<u>Name</u>	<u>Title</u>	<u>Location</u>
Allgood, Ferris P.	State Soil Scientist	Salt Lake
Adams, Kenneth D.	Soil Scientist	Tremonton
Cotrell, Mark F.	Soil Scientist	Vernal
Crandall, Gordon C.	Party Leader	Cedar City
Dallin, Terry A.	Soil Scientist	Coalville
Downs, Joseph M.	Soil Correlators	Salt Lake
Fish, Robert H.	Party Leader	Price
Foster, Richard A.	Soil Scientist	Roosevelt
Franks, Carol D.	Soil Scientist	Tooele
Hall, Darrell T.	Soil Scientist	Tooele
Harvey, John L.	Party Leader	Coalville
Lammers, Duane A.	Party Leader	Roosevelt
Leishman, Garth W.	Party Leader	Vernal
Loerch, J. Cameron	Party Leader	Tremonton
Nader, Carolyn	Soil Scientist	Cedar City
Parslow, Victor L.	Soil Scientist	Tremonton
Scalamandre, Janet M.	Soil Scientist	Cedar City
Smith, Michael D.	Soil Scientist	Cedar City
Swenson, Hal K.	Party Leader	Tooele
Trickler, Darryl L.	Party Leader	Tooele
Tummons, Richard L.	Soil Correlator	Salt Lake

VERMONT

<u>Name</u>	<u>Title</u>	<u>Location</u>
Adam, J. Andrew	Soil Resource Specialist	Brattleboro
Britt, Carl T.	Soil Survey Party Leader	Bennington
Douglass, Roderick W.	Soil Scientist	Bennington
Ferguson, Henry J.	Soil Survey Party Leader	Rutland
Gourley, Stephen H.	Soil Survey Party Leader	Montpelier
Howard, Gregory W.	Soil Scientist	Rutland
Long, Robert F.	Soil Scientist	Rutland
McLeese, Robert L.	Asst State Soil Scientist	Burlington
Van Houten, David G.	State Soil Scientist	Burlington
Villars, Thomas R.	Soil Scientist	Rutland
Wheeler, Bradley A.	Soil Scientist	Montpelier

VIRGINIA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Bullard, C. F.	Soil Scientist	Bedford
Connors, R.	Soil Scientist	Marion
Crowner, D.	Soil Scientist	Dinwiddie
Ealy, E.	Soil Scientist	Woodstock
Gardner, R.	Soil Scientist	Chatham
Gillispie, H. L., Jr.	Soil Scientist	Chatham
Googins, R. L.	State Soil Scientist	Richmond
Heidel, L. W.	Party Leader	Woodstock
Holmes, R. L.	Party Leader	Luray
Hoppe, D.	Soil Scientist	Tappahannock
Jones, D. L.	Area Soil Scientist	Culpeper
Kesecker, P.	Soil Scientist	Chatham
McDaniel, J. C.	Party Leader	Bedford
McLoda, N. A.	Asst State Soil Scientist	Richmond
Nelson, C.	Area Soil Scientist	Marion
Nicholson, J. C.	Party Leader	Chatham
Osborne, S.	Soil Scientist	Woodstock
Parker, C.	Soil Scientist	Bedford
Quesenberry, J. S.	Party Leader	Dinwiddie
Reber, E. J.	Party Leader	Amelia
Rector, D.	Soil Specialist	Richmond
Stoneman, B.	Area Soil Scientist	Chase City
Swecker, P. O., Jr.	Party Leader	Lexington
Vick, R.	Party Leader	Daleville
Wagner, D. F.	Soil Scientist	Lexington
Ware, J.	Soil Specialist	Richmond
Whitley, G.	Soil Scientist	Daleville

WASHINGTON

<u>Name</u>	<u>Title</u>	<u>Location</u>
Aho, Terry L.	Party Leader	Inchelium
Beieler, Vern E.	Party Leader	Okanogan
Campbell, Steven B.	Party Leader	Nespelem
Carley, James A.	State Soil Scientist	Spokane
DeFrancesco, Joseph T.	Soil Scientist	Inchelium
Engel, Robert J.	Soil Correlator	Spokane
Gentry, Herman R.	Party Leader	Colfax
Goldin, Alan	Party Leader	Bellingham
Haagen, Marvin E.	Party Leader	Goldendale
Kehne, Jay T.	Soil Scientist	Ellensburg
Natsuhara, Charles S.	Soil Scientist	Okanogan
Olson, Dale L.	Soil Scientist	Inchelium
Page, Sanderson	Soil Scientist	Nespelem
Pringle, Russell F.	Soil Scientist	Olympia
Reedy, Thomas E.	Party Leader	Pasco
Rolph, Steven G.	Soil Scientist	Nespelem
Stockman, Dale D.	Soil Scientist	Spokane
Wood, Jack L.	Soil Scientist	Spokane

WEST VIRGINIA

<u>Name</u>	<u>Title</u>	<u>Location</u>
Amick, Paul	Soil Scientist	Summersville
Bell, James	Soil Scientist	Summersville
Carpenter, Stephen	Survey Party Leader	Summersville
Childs, Dale	Asst State Soil Scientist	Morgantown
Cole, Carlos	Survey Party Leader	Huntington
Delp, Charles	Survey Party Leader	Gassaway
Doonan, Frank	Soil Scientist	Beckley
Estepp, Ronald	Soil Scientist	Romney
Flegel, Donald	Soil Scientist	Franklin
Hanczar, George	Soil Scientist	Buckhannon
Hatfield, William	State Soil Scientist	Morgantown
Pyle, Roy	Survey Party Leader	Buckhannon
Spivey, Lawson, Jr.	State Soil Correlator	Morgantown
Taylor, Ronnie	Soil Scientist	Philippi
Topalanchik, Alex	Survey Party Leader	Parkersburg
Wolf, Barrie	Survey Party Leader	Beckley

WISCONSIN

<u>Name</u>	<u>Title</u>	<u>Location</u>
Anderson, Frank L.	Asst State Soil Scientist	Madison
Boelter, Joseph M.	Party Leader	Rhineland
Brubacher, John I.	State Soil Scientist	Madison
Campbell, John E.	Soil Scientist	Oconto
Dahl, Roger A.	Soil Scientist	Chippewa Falls
Fiala, William D.	Party Leader	Wausau
Gilbertson, Randall R.	Soil Scientist	Mauston
Goerg, Kim C.	Soil Scientist	Wausau
Gundlach, Howard F.	Party Leader	Mauston
Hagedorn, Sammy D.	Soil Scientist	Wausau
Hudelson, George W.	State Soil Correlator	Madison
Huffman, Terry J.	Soil Scientist	Beaver Dam
Hvizdak, David J.	Soil Scientist	Eagle River
Jakel, Dale E.	Party Leader	Chippewa Falls
Johannes, Richard M.	Soil Scientist	Mauston
Kepecky, Mark J.	Soil Scientist	Rhineland
Kroll, Terry L.	Soil Scientist	Oconto
Langton, John E.	Soil Scientist	Black River Falls
Lorenz, Howard E.	Party Leader	Marinette
Lubich, Kenneth W.	Soil Scientist	Spooner
Luethe, Ronald A.	Soil Scientist	Marinette
Meyer, Theron A., III	Soil Scientist	Mauston
Mitchell, Michael J.	Party Leader	Merrill
Natzke, Larry L.	Party Leader	Eagle River
Omernik, David L.	Soil Scientist	Richland Center
Otter, Augustine J.	Party Leader	Waupaca
Roberts, David C.	Party Leader	Oconto
Simeth, Fred J.	Soil Scientist	Waupaca
Simonson, Duane T.	Soil Scientist	Waupaca
Weihrouch, Robert D.	Soil Scientist	Marinette
Werlein, John O.	Soil Scientist	Wausau

WYOMING

<u>Name</u>	<u>Title</u>	<u>Location</u>
Arnold, Susan E.	Soil Scientist	Casper
Derr, Phillip S.	Soil Scientist	Casper
Hartman, George W.	State Soil Scientist	Casper
Hogan, Ann M.	Soil Scientist	Casper
Iiams, John E.	Soil Survey Party Leader	Lander
Jelden, Steven J.	Soil Scientist	Lander
Kee, Gordon F.	Soil Scientist	Lusk
Larsen, Roy J.	Soil Scientist	Casper
Lebruska, Robert L.	Soil Scientist	Powell
Lewis, Don J.	Soil Scientist	Evanston
Lupcho, Paul J.	Soil Survey Party Leader	Sheridan
Malnor, Lawrence K.	Soil Survey Party Leader	Casper
McDonald, John D.	Soil Scientist	Sheridan
Ravenholt, Halvor B.	Soil Scientist	Rock Springs
Reckner, Ronald L.	Soil Survey Party Leader	Laramie
Shields, Paul	Soil Scientist	Wheatland
Stevenson, Abe	Soil Scientist	Cheyenne
Suhr, Marvin C.	Soil Scientist	Rawlins
Wetterauer, Donald G.	Soil Scientist	Buffalo
Young, Jack F.	Soil Scientist	Casper

*Culver*

1/14/87

SOIL CONSERVATION SERVICE STATE OFFICE SOILS STAFFS

STATE	PHONE #	STATE SOIL SCIENTIST	STATE SOILS STAFF
ALABAMA	534-4540	John C. Meetze	Glenn L. Hickman George Martin
ALASKA	907 271-2404	Louis A. Fletcher	Joe Moore
ARIZONA	261-5124	Davie L. Richmond	Carl L. Glocker Philip D. Camp
ARKANSAS	740-5410	Charles L. Fultz	Wayne E. Richardson Richard T. Fielder Larry B. Ward
CALIFORNIA	916 449-2872	Ronald R. Hoppes	Richard C. Herriman John H. Rogers Daniel J. Ernstrom Daniel F. Rabey
CARIBBEAN AREA	753-4206	Gilberto Acevedo Ramos	
COLORADO	564-0480 <i>0471</i>	M. Bruce McCullough	Gilbert A. Bowman Dale L. Holden Hayes Dye
	<i>Commercial - 964-0471</i>		
CONNECTICUT	244-2547	Edward H. Sautter	Roy A. Shook, Jr. Alfred Roberts
DELAWARE	302-678-0750	Richard Hall	
FLORIDA	904-377-1092	G. Wade Hurt	Warren Henderson Gregg Schellentrager Adam G. Hyde Carol Wettstein
GEORGIA	250-2278	Talbert Gerald	Richard Rehner Robert L. Wilkes
HAWAII	808- 551-2601	Harry T. Sato	Paul A. Bartlett
IDAHO	554-1348	Gerald Richards	Glen H. Logan Harold B. Maxwell

STATE	PHONE #	STATE SOIL SCIENTIST	STATE SOILS STAFF
ILLINOIS	958-5286	Earl E. Voss	J. W. Scott John C. Doll Lester J. Bushue
INDIANA	331-4306	H. R. Sinclair, Jr.	Jerry D. Larsen
IOWA	862-4260	Ronald Kuehl	John R. Nixon L. Dale Lockridge (Ames 865-2411) D. Oelmann
KANSAS	913-823-4500 4558	William E. Roth	Fred Minzenmayer
KENTUCKY	355-2751	Glenn E. Kelley	Orville J. Whitaker Wm. Craddock John M. Robbins, Jr.
LOUISIANA	497-7787	B. Arville Touchet	James L. Driessen Warren L. Cockerham
MAINE	833-7393 207-581-3451	Richard Babcock	Robert V. Joslin, Jr. Kenneth J. Laflamme
MARYLAND	344-4148	Berman Hudson	
MASSACHUSETTS	836-9056	Darrel G. Grice	Steven J. Hundley
MICHIGAN	374-6680	Neil W. Stroessenreuther	Loren Berndt William Frederick
MINNESOTA	725-5964 8-777-3679	Dennis M. Heil	Ricky J. Bigler Edward L. Bruns E. Lockridge
MISSISSIPPI	490-5207	W.I. Smith, Acting	William I. Smith Robert B. Hinton
MISSOURI	276-5220	Bruce Thompson	Kenneth Vogt Paul E. Minor Wm. D. Broderson Jim R. Fortner (at Rolla)

Aug 27

JCL Hydric Ames HYDSUR  
NSH



STATE	PHONE #	STATE SOIL SCIENTIST	STATE SOILS STAFF
MONTANA	585-4818	Gordon L. Decker	William L. Braker Robert E. Richardson Dennis Smetana (Roundup) Charles N. Gordon (Great Falls)
NEBRASKA	541-5322	James R. Culver	Larry Ragon Norman Halzer
NEVADA	470-5876	Jack W. Rogers	William E. Dollarhide George J. Staidl Gary Monroe
NEW HAMPSHIRE	834-0505	Sidney A. L. Pilgrim	Henry Mount
NEW JERSEY	342-5341	Seymour Goodman, Acting	
NEW MEXICO	474-1844	Gary B. Muckel	Tommy Parham Robert Ahrens
NEW YORK	950-5510	Frederick L. Gilbert	Tyrone Goddard Willis E. Hanna Keith Wheeler
NORTH CAROLINA	672-4668 919-790-2905	Horace Smith	Ernest N. Hayhurst Craig Ditzler Bobby J. Ward
NORTH DAKOTA	783-4435 Commercial No 250-4435 (5-17-80)	Sylvester C. Ekart	Cornelius Heidt James H. Thiele
OHIO	943-6914	Kelso K. Huffman	Lawrence A. Tornes Donald R. Mapes Jonathan C. Gerken
OKLAHOMA	728-4448	Billy J. Wagner	Jimmie W. Frie Everett L. Cole
OREGON	423-2794	Gerald J. Latshaw	Thor D. Thorson George L. Green
PENNSYLVANIA	590-3889	Garland H. Lipscomb	George Martin
RHODE ISLAND	244-2547 401-828-1300	Edward H. Sautter	Everett C. A. Stuart (at West Warwick, RI 838-4654)

STATE	PHONE #	STATE SOIL SCIENTIST	STATE SOILS STAFF
SOUTH CAROLINA	677-5683	Donald C. Hallbick	Benjamin N. Stuckey, Jr.
SOUTH DAKOTA	9-1-605 353-1844	Miles W. Smalley	Larry D. Zavesky Richard Schlepp
			<i>PTS Assistance operator is 782-7000</i>
TENNESSEE	852-5476	Darwin L. Newton	David E. Lewis, Jr. Raymond P. Sims
TEXAS	736-1261	C.L. Girdner, Acting	<del>Lester C. Brockmann</del> Charles L. Girdner, Jr. Gaylon L. Lane Frankie Wheeler
UTAH	588-5064	Ferris P. Allgood	Joe Downs Richard Tummons
VERMONT	832-6795	David G. Van Houten	Robert McLeese
VIRGINIA	925-2463	Niles A. McLoda	Dean D. Rector Marc H. Crouch D.L. Jones
WASHINGTON	439-3708	James A. Carley	Robert J. Engel Dale D. Stockman
WEST VIRGINIA	923-4151	William F. Hatfield	Francis D. Childs
WISCONSIN	364-5334	Steve W. Payne	Frank L. Anderson Howard F. Gundlach
WYOMING	328-5207	George W. Hartman	Jack F. Young Phillip S. Derr

*Phil Derr 261-5209*



United States  
Department of  
Agriculture

Soil  
Conservation  
Service

P.O. Box 2890  
Washington, D.C.  
20013

*Jim Arnold - 6/17/91*  
*for all!*

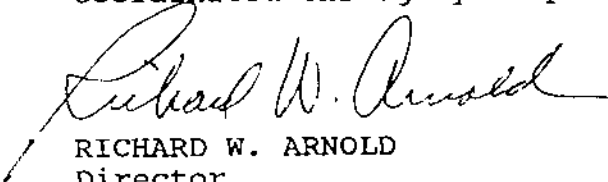
Subject: PER - Soil Scientists Roster

Date: 6/17/1991

To: State Soil Scientists  
Heads, Soil Staffs, NTC's  
National Leaders, NSSC/NHQ

Enclosed for your information is a list of Soil Scientists in the Soil Conservation Service. The list is from the NHQ personnel database and reflects only those positions classified in the GS-470, Soil Science Series.

Changes or corrections of any errors noted should be coordinated through your personnel office.



RICHARD W. ARNOLD  
Director  
Soil Survey Division

Enclosure





<u>NAME</u>	<u>CITY</u>	<u>WORKING TITLE</u>
<b>ALASKA</b>		
CLARK, MARK H	PALMER	.
WHITE, JOSEPH D	ANCHORAGE	SOIL SURVEY PARTY LDR
VAN PATTEN, DOUGLAS J	HOMER	PARTY LDR
SWANSON, DAVID K	FAIRBANKS	SOIL SURVEY PARTY LDR
MOORE, JOSEPH P	ANCHORAGE	ASST STATE SOIL SCNTST
DYE, HAYES C	ANCHORAGE	STATE SOIL SCIENTIST
<b>ALABAMA</b>		
MASON, JAMES M	TUSKEGEE	.
TRAYVICK, JOHNNY C	PHENIX CITY	.
WHITE, CHRISTIE L	CAMDEN	.
THOMPSON, ERIC N	LINDEN	.
JOHNSON, KENNETH W	GROVE HILL	PARTY LDR
MCGHEE, LAWRENCE E	ALEXANDER CITY	PARTY LDR
NEAL, HAROLD B	CLAYTON	PARTY LDR
BRANNON, GREGORY R	CAMDEN	PARTY LDR
CHANDLER, REX H	BUTLER	PARTY LDR
STEVENS, ROBERT W	PHENIX CITY	PARTY LDR
TUCK, MILTON	CARROLLTON	PARTY LDR
BEATY, ROBERT M	LINDEN	.
FOX, BOBBY C	DECATUR	.
CORLEY, RICHARD L	TUSKEGEE	PARTY LDR
HARRIS, MACARTHUR C	GREENSBORO	PARTY LDR
HICKMAN, GLENN L	AUBURN	ASST STATE SOIL SCNTST
MARTIN JR, PAUL G	AUBURN	ASST STATE SOIL SCNTST
MONTGOMERY, CHARLES F	OXFORD	.
MEETZE, JOHN C	AUBURN	STATE SOIL SCNTST
<b>ARKANSAS</b>		
CRADER, KENNETH J	AUGUSTA	.
JOSLIN JR, RICHARD T	DE WITT	.
RHODES, RONALD K	MOUNT IDA	.
OLSON, JEFFREY W	MENA	PARTY LDR
HARRIS, CORNELIUS	AUGUSTA	PARTY LDR
FOWLKES, DAVID H	JONESBORO	.
LAURENT, GLEN D	HARRISON	AREA SOIL SCNTST
AVERY, DON C	MONTICELLO	AREA SOIL SCNTST
GARNER, BILLY A	FORT SMITH	AREA SOIL SCNTST
GILL, HIRAM V	SEARCY	RESOURCE SOIL SCTST
WILSON, CURTIS R	JONESBORO	AREA SOIL SCNTST
WILLIAMS, LEODIS	EL DORADO	PARTY LDR
WINFREY, ALEX L	HOPE	.
BROWN, LEANDER L	DE WITT	PARTY LDR
FIELDER, RICHARD T	LITTLE ROCK	ASST STATE SOIL SCNTST
WARD, LARRY B	LITTLE ROCK	CORRLT SPECLST
CHISM, JOHNNY D	LITTLE ROCK	.
FULTZ, CHARLES L	LITTLE ROCK	STATE SOIL SCNTST

## ARIZONA

WALK, DOUGLAS E	FREDONIA	.
FOSTER, JENNIFER L	FLAGSTAFF	.
MCGUIRE, CATHY E	TUCSON	.
SVETLIK JR, WILLIAM A	TUCSON	.
DEWALL, ALFRED A	FREDONIA	SOIL SURVEY PROJ LDR
JORGENSEN, WENDELL	KINGMAN	.
BRECKENFELD, DONALD J	TUCSON	SOIL SURVEY PROJ LDR
PREVOST, DEBORAH J	FLAGSTAFF	AREA SOILS SPECILST
COCHRAN, CHRISTOPHER C	TUCSON	.
LAW JR, LLOYD	DOUGLAS	SOIL SURVEY PROJ LDR
CAMP, PHILIP D	PHOENIX	SOIL SCIENTIST (CORRELATOR)
JOHNSON JR, WILLIAM W	PHOENIX	ASST STATE SOIL SCNTST
RICHMOND, DAVIE L	PHOENIX	STATE SOIL SCNTST

## CALIFORNIA

FELL, FOSTER F	BAKERSFIELD	.
OSBORN, JOHN P	REDDING	.
BARTLETT, CHRISTINE A	SANTA ROSA	.
MARTYNN, DANIEL Z	VISALIA	.
RULE, JOHN C	HANFORD	.
SEYBOLD, CATHY A	BAKERSFIELD	.
SCHLEGEL, JON P	PATTERSON	.
SIMERAL, KENNETH R	COLUSA	.
CONLIN, ANDREW E	HANFORD	.
CHANG, KAN KIM	FRESNO	.
REGAL, JAMES F	BAKERSFIELD	PARTY LDR
NAZAR, PAUL G	LOS BANOS	PARTY LDR
ROMITO, GUY J	PATTERSON	PARTY LDR
SHELDON, WAYNE B	SACRAMENTO	.
WASNER, ALAN R	VISALIA	PARTY LEADER
REED, WILLIAM R	COLUSA	PARTY LEADER
FERRARI, CHARLES A	BURNEY	PARTY LDR
SLUSSER, STEVEN E	SUSANVILLE	.
OSTER, KENNETH J	BAKERSFIELD	PARTY LDR
ARROUES, KERRY D	HANFORD	PARTY LDR
HUFF, TERENCE L	RED BLUFF	.
BURKETT, DEAN W	BURNEY	PARTY LDR
HOWELL, DAVID W	ARCATA	PARTY LDR
VINSON, ERIC N	PASO ROBLES	PARTY LDR
BURLINGAME, HAROLD V	CHINA LAKE	.
TALLYN JR, EDWIN F	BISHOP	PARTY LDR
ESTRADA, DAVID C	ESCONDIDO	.
PARIS, CHRISTOPHER H	DAVIS	DATA BASE MGR
JAHNKE, JOSEPH J	RED BLUFF	.
SMITH, DAVID W	AUBURN	.
TUGEL, ARLENE J	DAVIS	SOIL CORRLTR
BORCHARD, STEVEN J	REDDING	.
JETT, CAROLE E	DAVIS	STATE SOIL SCNTST

**COLORADO**

WILDER, ELIZABETH A	CANON CITY	.
PEREGRINO, BARBARA	DURANGO	.
HOOPER, JONATHAN W	CORTEZ	.
SHARKOFF, JAMES L	MONTROSE	.
PACE, KELLY J	GRAND JUNCTION	.
PANLASIGUI JR, FELIX J	TRINIDAD	.
MELHUS, JON K	FORT COLLINS	.
MERKEL, LAURA L	BURLINGTON	.
HAYTER, MICHAEL A	GRAND JUNCTION	.
DEARSTYNE, DAVID A	CRAIG	.
WHEELER, TIMOTHY J	CANON CITY	PROJ LDR
MOORE, DENNIS L	CRAIG	
CRYER, DOUGLAS H	MONTROSE	PROJ LDR
NEVE, LEE A	TRINIDAD	PARTY LDR
PANNELL, JAMES P	DURANGO	PARTY LDR
RAMSEY, DOUGLAS K	CORTEZ	PARTY LDR
ALSTATT, DAVID K	GRAND JUNCTION	PARTY LDR
HAWN, WILLIAM S	HUGO	PARTY LDR
PETERSEN, MICHAEL L	GREELEY	PARTY LDR
BORCHERT, JAMES W	BURLINGTON	PROJ LDR
PRICE, ALAN B	LAKEWOOD	.
HOLDEN, DALE L	LAKEWOOD	RES INVENTORY SPECIALIST
BOWMAN, GILBERT A	LAKEWOOD	.
CARLSON, JAN	LAKEWOOD	.
WETTSTEIN, CAROL A	LAKEWOOD	STATE SOIL SCNTST

**CONNECTICUT**

ALEXANDER, BARBARA T	WINDSOR	.
STANISEWSKI, GLENN R	WINDSOR	.
ROBERTS, ALFRED	STORRS	SOIL SCNTST PROJS & SRVCS
KOLESINSKAS, KIPEN J	STORRS	STATE SOIL SCIENTIST

**DELAWARE**

PARKER III, CHARLES D	GEORGETOWN	SOIL SURVEY PROJ LDR
HALL, RICHARD L	DOVER	STATE SOIL SCNTST

**FLORIDA**

MONROE, KENNETH W	WEWAHITCHKA	
LEACH, DARRELL E	BLOUNTSTOWN	.
JONES, ALFRED O	CROSS CITY	.
WITTSTRUCK, WILLIAM H	LAKE CITY	.
VEGA LOPEZ, JUAN A	PALMETTO	RESOURCE SOIL SCIENTIST
KRIZ, DAVID M	ORLANDO	RESOURCE SOIL SCNTST
NOBLE, CHRIS V	VERO BEACH	.
CUMMINGS, EDDIE	LAKE CITY	GPR OPERATOR
SLABAUGH, JAMES D	CROSS CITY	PARTY LDR
WATTS, FRANK C	CALLAHAN	PARTY LDR
SULLIVAN, KEVIN J	BROOKSVILLE	RESOURCE SOIL SCNTST



LEWIS, DOUGLAS L  
 READLE, ELMER L  
 YAMATAKI, HOWARD  
 WEATHERSPOON, ROBERT L  
 HOWELL, DAVID A  
 BALDWIN, ROBERT  
 ALLEN, WILLIAM J  
 CARTER, LEWIS J  
 SCHUSTER, JOSEPH N  
 FORD, RICHARD D  
 WILLIAMS, CHRISTOPHER A  
 LIUDAHL, KENNETH J  
 HYDE, ADAM G  
 HENDERSON JR, WARREN G  
 PILNY, PAUL E  
 HURT, GILBERT W

SEBRING  
 PERRY  
 FT MYERS  
 MAYO  
 LAKE CITY  
 EAST PALATKA  
 BLOUNTSTOWN  
 SEBRING  
 WEWAHITCHKA  
 BARTOW  
 PENSACOLA  
 LAKE WORTH  
 GAINESVILLE  
 GAINESVILLE  
 BUSHNELL  
 GAINESVILLE

GPR OPERATOR  
 PARTY LDR  
 .  
 PARTY LDR  
 .  
 RES SOIL SCNTST  
 PARTY LEADER  
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 RESOURCE SOIL SCNTST  
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 RESOURCE SOIL SCIENTIST  
 STATE SOIL SCNTST

#### GEORGIA

MATHEWS, CAROL B  
 MOORE, TIMOTHY S  
 LANGLINAIS, JEROME L  
 KRING, TIMOTHY D  
 GREEN, ALFRED  
 GAY, HOWARD D  
 SMITH, ERNEST H  
 MACFIE, THOMAAS G  
 RIGDON, THOMAS A  
 CABE, DOUGLAS E  
 THOMAS JR, MACK  
 PILKINTON, JERRY A  
 LATHEN, JAMES R  
 FROST JR, LOUIE W  
 LAWRENCE, KENNETH S  
 GERALD, TALBERT R

BAINBRIDGE  
 HAWKINSVILLE  
 BUENA VISTA  
 DUBLIN  
 BUENA VISTA  
 BAINBRIDGE  
 DUBLIN  
 WASHINGTON  
 WAYCROSS  
 DALTON  
 STATESBORO  
 ALBANY  
 COVINGTON  
 ATHENS  
 ATHENS  
 ATHENS

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 SOIL SURVEY PARTY LDR  
 SOIL SURVEY PARTY LDR  
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 SOIL SURVEY PARTY LDR  
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 SOIL SURVEY PARTY LDR  
 SOIL SURVEY PARTY LDR  
 .  
 ASST STATE SOIL SCNTST  
 ASST STATE SOIL SCNTST  
 STATE SOIL SCNTST

#### GUAM

DREW, ROBERT W

AGANA

.

#### HIWAI

SIMMONS, NICOLE A  
 NAKAMURA, SAKUICHI  
 SMITH, CHRISTOPHER W

HONOLULU  
 HONOLULU  
 HONOLULU

SOIL CONSERVATIONIST  
 SOIL SCIENTIST  
 STATE SOIL SCNTST

#### IOWA

LARSEN, SCOTT E  
 ALLEN, JOHN R  
 CAMP, LELAND D  
 LINDGREN, GARY A  
 RADATZ, CARYL A  
 BRANTMEIER, TOM E

ONAWA  
 FAIRFIELD  
 FAIRFIELD  
 OSCEOLA  
 ANKENY  
 FAIRFIELD

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FALKENBERG, JOSEPH A	ONAWA	.
BRANHAM, CHARLES E	COUNCIL BLUFFS	AREA RES SOIL SCIENTIST
WISNER, ROBIN J	FORT DODGE	RESOURCE SOIL SCIENTIST
DANKERT, WAYNE N	ONAWA	.
LENSCH, RICHARD A	HUMBOLDT	PARTY LDR
BROWN, MELVIN D	SIOUX CITY	AREA SOIL SCIENTIST
WILSON, JOHN H	AMES	.
DIDERIKSEN, ROBERT O	ANKENY	PARTY LDR
MINGER, MARK J	MARION	RESOURCE SOIL SCIENTIST
GERTSMA, JAMES M	SHENANDOAH	AREA RES SOIL SCIENTIST
CLARK JR, BENNIE	ONAWA	.
VOBORA, ROBERT J	WEST UNION	RESOURCE SOIL SCIENTIST
LUCASSEN, JOHN A	FAIRFIELD	PARTY LEADER
YOUNK, ALLAN W	INDIANOLA	.
LAVAN, MARK R	FAIRFIELD	AREA RES SOIL SCIENTIST
CHOWDHERY, ASGHAR A	HUMBOLDT	.
BOECKMAN, LOUIS E	DES MOINES	SOIL SPECIALIST
OELMANN, DOUGLAS B	DES MOINES	ASST STATE SOIL SCNTST
CEOLLA, DALE J	DES MOINES	ASST STATE SOIL SCNTST
SCHELLENTRAGER, GREGG W	DES MOINES	STATE SOIL SCNTST

## IDAHO

BOLING, MAUREEN S	GOODING	.
TROCHLELL, DAVID J	GOODING	.
MULHOLLAND, KATHLEEN	SODA SPRINGS	.
WINWARD, RULON W	PRESTON	.
MCVEY, SHAWN J	SODA SPRINGS	.
HAAGEN, MARVIN E	MOSCOW	.
AMES, DAL F	TWIN FALLS	PARTY LDR
BENEDICT, PAUL W	POCATELLO	.
GROW, RAYMOND J	PRESTON	SOIL SURVEY PARTY LDR
JOHNSON, MARK E	GOODING	PARTY LDR
NOE, HARLEY R	BOISE	.
HARKNESS, ALAN L	BOISE	PARTY LDR
KUKACHKA, FRANCIS R	SODA SPRINGS	SOIL SURVEY PARTY LEADER
HAHN, THOMAS W	LEWISTON	PTY LDR
HOFFMANN, GLENN A	OROFINO	.
WRIGHT, LARRY E	REXBURG	.
LANGERSMITH, KAREN R	SALMON	PARTY LDR
WEISEL, CHARLES J	COEUR D ALENE	PARTY LDR
SWENSON, HAL K	BOISE	.
HOOVER, DAVID R	BOISE	SOIL SCNTST
MCGRATH, CHAD L	BOISE	.
PETERSON, PETER N	BOISE	.
MAXWELL, HAROLD B	BOISE	STATE SOIL SCNTST

## ILLINOIS

MCCAULEY, WILLIAM M	NASHVILLE	.
ENGEL, ERIC J	BLOOMINGTON	.
ASZMAN, SUE A	CARTHAGE	.
WILLIAMS, RUFUS C	BELLEVILLE	.
DENIGER, JEFFREY A	WHITTINGTON	.

FITCH, BRYAN C	WHITTINGTON	.
INDORANTE, SAMUEL J	BELLEVILLE	SOIL SURVEY PROJ LDR
D AVELLO, THOMAS P	CHAMPAIGN	RES INV SPECLST
LOVE, CHARLES L	SPRINGFIELD	SOIL SURVEY PROJ LDR
SABATA, LARRY R	NASHVILLE	SOIL SCNTST PARTY LDR
ENDRES, TONIE J	LOUISVILLE	PARTY LDR
ELMER, STEVEN L	STRONGHURST	SOIL SURVEY PROJ LDR
WINDHORN, ROGER D	BLOOMINGTON	PARTY LDR
TEGELER, ROBERT A	TOLEDO	PARTY LDR
FEHRENBACHER, DONALD J	BOURBONNAIS	.
SUHL, STEVEN E	RUSHVILLE	PARTY LDR
GOTSCH, KENNETH A	EFFINGHAM	AREA SOIL SCNTST
PRELOGER, DAVID E	WHITTINGTON	PARTY LDR
CALSYN, DALE E	AURORA	.
BRAMSTEDT, MARK W	PARIS	PARTY LDR
LEEPER, RANDALL A	SULLIVAN	PARTY LDR
WALKER, MICHAEL B	MACOMB	PARTY LDR
BERNING, GERALD V	EDWARDSVILLE	.
GRANTHAM, DANA R	CARBONDALE	.
ZWICKER, STEVEN E	ROCK FALLS	.
HIGGINS, STEPHEN K	ROCK FALLS	RES SOIL SCNTST
TEATER, WILLIAM M	EUREKA	PARTY LDR
HODGES, MACK S	CHAMPAIGN	.
BUSHUE, LESTER J	CHAMPAIGN	ASST STATE SOIL SCNTST
DOLL, JOHN C	CHAMPAIGN	STATE SOIL SCNTST
MCLEESE, ROBERT L	CHAMPAIGN	

## INDIANA

WINGARD JR, ROBERT C	JASPER	AREA SOIL SCNTST
MCWILLIAMS, KENDALL M	JASPER	AREA SOIL SCNTST
FURR JR, GROVER F	WINAMAC	SOIL SURVEY PARTY LDR
NICKELL, ALLAN K	MADISON	AREA SOIL SCNTST
ZIEGLER, THOMAS R	RENSSELAER	AREA SOIL SCIENTIST
RUESCH, DONALD R	HUNTINGTON	AREA SOIL SCNTST
NAGEL, BYRON G	SCOTTSBURG	.
BROCK, REX A	GOSHEN	SOIL SURVEY PROJECT LDR.
SHIVELY, JEROLD L	GREENCASTLE	AREA SOIL SCNTST
STRUBEN, GARY R	MUNCIE	SOIL SURVEY PROJECT LDR.
MCCARTER JR, PAUL	SPENCER	PARTY LDR
LARSON, JERRY D	INDIANAPOLIS	.
HOSTETER, WILLIAM D	INDIANAPOLIS	.
WARD, BOBBY J	INDIANAPOLIS	STATE SOIL SCNTST

## KANSAS

PARKS, GARY L	HUTCHINSON	.
FAHNESTOCK, PETER B	S HUTCHINSON	.
COX, RICKEY G	HUTCHINSON	AREA SOIL SCNTST
GLAUM, STANLEY A	TOPEKA	AREA SOIL SCNTST
TRICKS, BOBBY D	HAYS	AREA SOIL SCNTST
HOFFMAN, BRUCE R	MANHATTAN	.
GRABER, STEVEN P	DODGE CITY	AREA SOIL SCNTST
PLINSKY, ROBERT O	TOPEKA	

MCDOWELL, JAMES L	LIBERAL	.
WEHMUELLER, WILLIAM A	MANHATTAN	.
PALMER, CECIL D	HIAWATHA	.
OWENS, HOMER D	EMPORIA	AREA SOIL SCNTST
WATTS, CLEVELAND E	SALINA	ASST STATE SOIL SCNTST
FINNELL SR, PAUL R	SALINA	.
SCHLEPP, RICHARD L	SALINA	STATE SOIL SCNTST

## KENTUCKY

ALDRIDGE, PATRICK S	PAINTSVILLE	.
GREGORY, PHILLIP G	MAYFIELD	.
HINES, DOUGLAS H	CYNTHIANA	.
BLANFORD, STEVEN J	HARDINSBURG	.
DOTSON, DOUGLAS B	PAINTSVILLE	.
CHILDRESS, JAMES D	LONDON	SOIL SURVEY PARTY LDR
JACOBS, STEVE E	MAYSVILLE	PARTY LDR
WATERS, BRUCE A	MOREHEAD	RESOURCE SOIL SCNTST
MCINTOSH, JACKIE D	PAINTSVILLE	SOIL SURVEY PARTY LDR
HAYES, RAYMOND A	JACKSON	PARTY LDR
MCINTOSH, JERRY E	MAYFIELD	SOIL SURVEY PARTY LDR
FORSYTHE, RUDY	PRINCETON	RESOURCE SOIL SCNTST
CAMPBELL, EDWARD B	BOWLING GREEN	.
MITCHELL, MICHAEL J	BOWLING GREEN	PARTY LDR
EVANS, HARRY S	SOMERSET	PARTY LDR
HAAGEN, JAMES E	HARDINSBURG	PARTY LDR
CRADDOCK, WILLIAM H	LEXINGTON	.
EIGEL, ROBERT A	LEXINGTON	RESOURCE INVEN SPECLST
ROBBINS JR, JOHN M	LEXINGTON	ASST STATE SOIL SCNTST
KELLEY, GLENN E	LEXINGTON	STATE SOIL SCNTST

## LOUISIANA

SCOTT, EDWARD D	LEESVILLE	.
BORDELON, MARC J	DE RIDDER	.
BURKE, PATRICK M	RINGGOLD	.
MYERS, CECIL J	DE RIDDER	.
MORRIS, LYFON	DENHAM SPRINGS	.
HENRY JR, CHARLEY	RINGGOLD	.
DAUGEREAUX, DENNIS J	DENHAM SPRINGS	.
SHOWS, GERALD L	MONROE	.
GODFREY, CURTIS L	RINGGOLD	.
TRAHAN, GERALD J	DE RIDDER	.
MAY, TERESA L	MONROE	.
JOHNSON, DANIEL C	DE RIDDER	.
ALLEN, E T	MONROE	PARTY LDR
MUSE, BURNELL	LEESVILLE	PARTY LDR
MCDANIEL, DONALD R	HAMMOND	PARTY LDR
BOYD, WILLIAM H	DE RIDDER	.
COOLEY, MICHAEL C	RINGGOLD	PARTY LDR
MIDKIFF, CLAY T	DE RIDDER	PARTY LDR
KILPATRICK, W W	RUSTON	.
STEPHENS, WILTON W	DE RIDDER	.
DRIESSEN, JAMES L	ALEXANDRIA	ASST STATE SOIL SCNTST

EDWARDS, JIMMY P	ALEXANDRIA	.
DAIGLE, JERRY J	ALEXANDRIA	GIS COORD
TOUCHET, B A	ALEXANDRIA	STATE SOIL SCNTST

**MASSACHUSETTS**

FRAZER, BRENDA L	GREENFIELD	.
HOTZ, CHARLES F	HOLDEN	.
TURENNE, JAMES D	MIDDLEBORO	.
FLETCHER, PETER C	TAUNTON	PARTY LDR
TAYLOR, WILLIAM H	HOLDEN	PARTY LDR
AVERILL JR, ALBERT N	GREENFIELD	.
SCANU, RICHARD J	AMHERST	STATE SOIL SCNTST

**MARYLAND**

VERDONE, DAVID R	FREDERICK	.
MADARIAGA, GRACE M	LA PLATA	.
SCHLOSSER, LYDIA R	ANNAPOLIS	.
DEMAS, GEORGE P	LA PLATA	.
ROBINETTE, CARL E	CUMBERLAND	.
BREWER, JAMES E	CAMBRIDGE	.
COWHERD, WILLIAM D	ANNAPOLIS	ASST STATE SOIL SCNTST
BROWN, JAMES H	ANNAPOLIS	STATE SOIL SCIENTIST

**MAINE**

LEE, SUSAN E	MACHIAS	.
BUTLER, JR, THEODORE H	DOVER FOXCROFT	.
HOAR, WAYNE D	FARMINGTON	.
HUGHES, PAUL A	DOVER FOXCROFT	.
POPP, DAVID J	SOUTH PARIS	.
CLARK, DONALD O	ORONO	.
OLSON, RONALD W	BANGOR	SOIL SPECIALIST
KRALL, LISA	LEWISTON	SOIL RESOURCE SPECIALIST
HEDSTROM, GARY T	FARMINGTON	PARTY LDR
FLEWELLING, LAWRENCE R	DOVER FOXCROFT	PARTY LDR
MILLER, JONATHAN W	SOUTH PARIS	SOIL SURVEY PARTY LEADER
WILKINSON, DAVID E	MACHIAS	SOIL SURVEY PARTY LEADER
LAFLAMME, KENNETH J	ORONO	.
KALLOCH JR, NORMAN R	ORONO	STATE SOIL SCNTST

**MICHIGAN**

ANTONIEWICZ, JAMIE M	NEGAUNEE	.
DAVIS, GERALD A	NEGAUNEE	.
GREEN, GORDON R	ATLANTA	.
EVON, ROBERT E	HART	.
REEDSTROM, JONATHON D	MARSHALL	.
QUISLER, JON M	GRAYLING	.
WIKGREN, KENNETH R	CRYSTAL FALLS	.
RODOCK, STEPHEN E	NAUBINWAY	.
NEILSON, RICHARD W	MARSHALL	.
BISHOP, KELLY A	HART	.

JEROME, DWIGHT S	HARRISVILLE	.
ANZALONE, WILLIAM C	NEGAUNEE	.
PURKEY, THOMAS H	ATLANTA	SOIL SURVEY PROJ LDR
WERLEIN, JOHN O	GRAYLING	SOIL SURVEY PARTY LEADER
SCHWENNER, CHARLES F	NEGAUNEE	.
KROELL III, MARTIN L	GRAYLING	AREA SOIL SCNTST
THOEN, GREGORY F	GRAND RAPIDS	AREA SOIL SCNTST
TARDY, STEPHEN W	MARSHALL	SOIL SURVEY PARTY LDR
WHITNEY, GREGORY D	NAUBINWAY	SOIL SURVEY PARTY LDR
CALUS, JOSEPH K	HART	SOIL SURVEY PARTY LDR
LINSEMIER, LYLE H	CRYSTAL FALLS	PARTY LDR
KNAPP, BRUCE D	TRAVERSE CITY	
CAREY, LAWRENCE M	MARQUETTE	AREA SOIL SCIENTIST
PERKIS, WILLIAM E	HILLSDALE	SOIL SURVEY PARTY LEADER
BOWMAN, WILLIAM L	BURTON	AREA SOIL SCNTST
BERNDT, LOREN W	EAST LANSING	ASST STATE SOIL SCNTST
FREDERICK, WILLIAM E	EAST LANSING	ASST STATE SOIL SCNTST
TORNES, LAWRENCE A	EAST LANSING	STATE SOIL SCNTST

## MINNESOTA

BERGER, MARY M	BROOKLYN CENTER	AREA SOIL SPECLST
POTTS, DAVID J	ROSEAU	.
WONDERLICH, DENNIS C	PERHAM	.
BROWN, LAURIE M	DULUTH	.
MILLER, DOUGLAS E	LITCHFIELD	.
KYAR, RODNEY G	DETROIT LAKES	.
PERRY, MARK L	GLENCOE	.
WEIKLE, PETER C	MADISON	.
SULLIVAN, PERRY F	ROSEAU	.
SELLA, JAMES M	VIRGINIA	.
PRINK, CRAIG A	FERGUS FALLS	.
MCCORMICK, GERALD W	VIRGINIA	.
HARTMAN, PETER R	PERHAM	.
RISLEY, ROGER T	FERGUS FALLS	.
WALCZYNSKI, MICHAEL J	PARK RAPIDS	.
HAUSER, MARK D	CROOKSTON	.
WRIGHT KOLL, PATRICIA C	WARREN	.
HUNYADI, BARRY W	CROOKSTON	.
BEDNAREK JR, RICHARD J	ROSEAU	PARTY LDR
NELSON, GARY D	MAHNOMEN	PARTY LDR
MURRAY, JAMES J	GLENCOE	PARTY LEADER
LIESER, MICHAEL L	FERGUS FALLS	PARTY LEADER
NEUENFELDT, THOMAS W	PARK RAPIDS	PARTY LDR
SAARI, CHARLES T	CROOKSTON	PARTY LEADER
GORTON, JEROME F	FERGUS FALLS	AREA SOIL SPECIALIST
CHRISTENSEN, KEITH A	DETROIT LAKES	PARTY LDR
POCH, GEORGE A	ROCHESTER	AREA SOIL SCNTST
ALDEEN, DAVID L	PERHAM	PARTY LEADER
NYBERG, PAUL R	AITKIN	PARTY LDR
TUVE, CLINTON W	THIEF RIVER FALLS	AREA SOIL SPECIALIST
JACKSON, THOMAS C	BECKER	PARTY LDR
BECK, JOHN F	ROCHESTER	AREA SOIL SPECLST
VOIGTLANDER, ARTHUR L	OLIVIA	PARTY LEADER

KRISTOFF JR, JOSEPH M	MARSHALL	AREA SOIL SPECLST
GENRICH, RAYMOND C	MARSHALL	AREA SOIL SCNTST
STEFFEN, KIM D	BROOKLYN CENTER	AREA SOIL SCNTST
LUETH, ROBERT A	LITCHFIELD	PARTY LEADER
HESCHKE, RODNEY B	THIEF RIVER FALLS	AREA SOIL SCNTST
DIERS, MARC P	DULUTH	PARTY LDR
PAULSON, RICHARD O	ST PAUL	ASST STATE SOIL SCNTST
DEMARTELAERE, DONALD E	FERGUS FALLS	AREA SOIL SCNTST
FAIT, THOMAS A	DULUTH	AREA SOIL SCNTST
PLOETZ, SUSAN T	ST PAUL	RESOURCE INVENTORY SPECLST
GIENCKE, ALLAN G	ST PAUL	ASST STATE SOIL SCNTST
MATZDORF, KENNETH D	ST PETER	AREA SOIL SCNTST
O CONNOR, THOMAS J	ST PAUL	SOIL SPECLST
MCCLOSKEY, JOSEPH W	ST PAUL	SOIL SPECLST
HEIL, DENNIS M	ST PAUL	STATE SOIL SCNTST

## MISSOURI

MARSHALL, CURTIS G	MARBLE HILL	.
SMITH, TRACY L	MOUND CITY	.
BURNEY, MICHAEL W	GALENA	.
SKAER, DAVID M	MARSHALL	.
MCBEE, RICHARD E	BOLIVAR	.
KENDRICK, CHARLES C	COLUMBIA	.
SIMMONS, MELVIN	LINN	.
SHEPPARD, MARTHA E	BOWLING GREEN	.
BUTLER, GRANT P	ROLLA	PARTY LDR
ZIMMERMAN, JEROME L	ST JOSEPH	AREA RESOURCE SOIL SCNTST
KICHLER, LARRY E	BOLIVAR	.
BERKA, DOUGLAS R	CAPE GIRARDEAU	AREA RESOURCE SOIL SCNTST
ALDRICH, MAX W	GREENFIELD	.
ABNEY, MARK A	KEYTESVILLE	PARTY LDR
COOK, MICHAEL A	WASHINGTON	AREA RESOURCE SOIL SCNTST
DAVIS, KEITH O	LINN	PARTY LDR
BENHAM, KENNETH E	MARBLE HILL	PARTY LDR
WOLF, DAVID W	CAMDENTON	PARTY LDR
BAKER, JOHN L	MARSHALL	PARTY LDR
PRESTON, JOHN D	HOUSTON	PARTY LDR
DODD, JERRY A	HILLSBORO	PARTY LDR
HOWARD, DAVID A	WARRENSBURG	AREA RESOURCE SOIL SCNTST
DEWITT, THOMAS A	SPRINGFIELD	AREA RESOURCE SOIL SCNTST
WILSON, ROBERT W	CHILLICOTHE	AREA RESOURCE SOIL SCNTST
GREGG, KENNETH L	GALENA	PARTY LDR
FESTERVAND, DORRIS F	UNIONVILLE	.
HOLBROOK, DONALD W	MOUND CITY	PARTY LDR
LILLY, MICHAEL E	HANNIBAL	AREA RESOURCE SOIL SCNTST
YOUNG III, FRED J	COLUMBIA	PARTY LDR
REMLEY, JAMES C	LEBANON	PARTY LDR
FERGUSON, HENRY J	KIRKSVILLE	PARTY LDR
TUMMONS, RICHARD L	COLUMBIA	ASST STATE SOIL SCNTST
POTTER, DENNIS K	COLUMBIA	SOIL SPECLST COLLATR
MINOR, PAUL E	COLUMBIA	SOIL SPECLST MANUSCRIPTS
VOGT, KENNETH D	COLUMBIA	SOIL SPECLST COLLATR
PAULS, WILLIAM R	COLUMBIA	SOIL SPECLST MANUSCRIPTS









LATTA, CASEY W	CRAWFORD	.
RAYER, ROBERT L	CRAWFORD	.
GROSS, RENEE D	WAHOO	.
WILSON, MICHAEL A	LINCOLN	RES SOIL SCNTST
SCHEINOST, STEVEN A	WAHOO	PARTY LDR
HAMMER, ROGER R	VALENTINE	PARTY LDR
MCCOY, GARY L	RUSHVILLE	.
BORCHERS, GLENN A	OMAHA	.
VANEK, WAYNE J	SCOTTSBLUFF	RESOURCE SOIL SCNTST
ZINK, RICHARD R	GRAND ISLAND	RESOURCE SOIL SCNTST
WILLOUGHBY, MARK E	CRAWFORD	.
WILSON, JAY R	OSHKOSH	PARTY LEADER
MAHNKE, CHARLES F	NORFOLK	AREA SOIL SCNTST
LEE, CLAYTON E	LINCOLN	RESOURCE SOIL SCNTST
RAGON, LARRY G	LINCOLN	ASST STATE SOIL SCNTST
HELZER, NORMAN P	LINCOLN	STATE SOIL SCNTST

**NEW HAMPSHIRE**

CANNON, MARY E	LANCASTER	.
SWAIN, KATHERINE L	CONCORD	.
WHITCOMB, PETER B	CONCORD	.
HANDLER, JOHN F	LANCASTER	.
HOMER, JOSEPH W	LANCASTER	.
ROSENBERG, GERALD L	MILFORD	.
KELSEA, RUSSELL J	DURHAM	SOIL SCIENTST
HUNDLEY, STEVEN J	DURHAM	STATE SOIL SCNTST

**NEW JERSEY**

MATULA, LENORE J	HAMMONTON	.
HOLE, THORNTON J	HAMMONTON	.
KINGSBURY, DAVID H	ANNANDALE	.
LEVIN, MAXINE J	SOMERSET	.
LUND, DARYL D	SOMERSET	ASST STATE SOIL SCNTST
TAYLOR, RONNIE L	SOMERSET	STATE SOIL SCNTST

**NEW MEXICO**

MAY, JOSEPH A	GRANTS	.
HIBNER, CHARLES D	SHIPROCK	.
ROSSBACH, JESSIE P	ALBUQUERQUE	.
DOWELL III, G S	CLOVIS	.
MONTOYA, CLARENCE E	LAS CRUCES	AREA SOIL SCNTST
SOKOLL, CYRUS J	TUCUMCARI	AREA SOIL SCNTST
CHAVEZ, CLARENCE L	ROSWELL	AREA SOIL SCNTST
STRATTON, GERALD R	CARLSBAD	PARTY LDR
PARK, STEVEN S	GRANTS	PARTY LDR
HILL, ROBERT A	CLOVIS	PARTY LEADER
SCHEFFE, KENNETH F	RIO RANCHO ESTATES	AREA SOIL SCNTST
CHIARETTI, JOSEPH V	SHIPROCK	PARTY LEADER
HACKER, LEROY W	ALBUQUERQUE	SOIL CORRLTR
PARHAM, TOMMIE L	ALBUQUERQUE	STATE SOIL SCNTST

## NEVADA

HARRINGTON, KEITH A	WINNEMUCCA	.
RAUCHSCHWALBE, FRANK	TONOPAH	.
CRAIGG, TERRY L	WINNEMUCCA	.
LINDSAY, BRUCE A	CALIENTE	.
LATO, LEON J	ELKO	.
MERKLER, DOUGLAS J	CALIENTE	SOIL SURVEY PARTY LDR
BOWERMAN, TERRY S	WINNEMUCCA	RESOURCE SOIL SCIENTIST
BLAKE, EDWARD W	RENO	SOIL SURVEY PARTY LDR
REID, IAN J	FALLON	RESOURCE SOIL SCIENTIST
BLACKBURN, PAUL W	ELKO	.
FISHER, JOHN B	TONOPAH	SOIL SURVEY PARTY LDR
DENNY, DAVID W	WINNEMUCCA	SOIL SURVEY PARTY LEADER
HABERER, JR, JOHN F	CALIENTE	.
MCKAY, THOMAS R	RENO	ASST STATE SOIL SCNTST
MONROE, GARY A	RENO	.
BARMORE, RUSSEL L	RENO	SOIL SCNTST CORRELATOR
DOLLARHIDE, WILLIAM E	RENO	STATE SOIL SCIENTIST

## NEW YORK

ANTES, STEVEN E	RICHFIELD SPGS	.
KRAFT, JOSEPH S	ORISKANY	.
HAVENS, MATTHEW W	WALTON	.
VAN DOREN, KENNETH W	RICHFIELD SPGS	.
PAGE, STEPHEN J	PLATTSBURGH	.
GATES, DALE S	RICHFIELD SPGS	.
KONOPKA, PAUL E	BALLSTON SPA	.
STEIN, EDWARD R	RICHFIELD SPGS	SOIL SURVEY PARTY LDR
WALTMAN, SHARON W	ITHACA	.
SEIFRIED, STEFAN T	WALTON	SOIL SURVEY PARTY LDR
CARLISLE, STEVEN C	CANTON	AREA SOILS RESRC SPECLST
SILVERMAN, MARK H	BALLSTON SPA	SOIL SURVEY PARTY LDR
PUGLIA, PAUL S	SALAMANCA	SOIL SURVEY PARTY LDR
TREVAIL, THEODORE D	PLATTSBURGH	SOIL SURVEY PARTY LDR
KOTLAR, KAREN A	ORISKANY	SOIL SURVEY PARTY LDR
SMITH, GERALD W	WESTPORT	SOIL SURVEY PARTY LDR
FABER, MARJORIE	MILLBROOK	SOIL SURVEY PARTY LDR
KRAWIECKI, VAL J	JOHNSTOWN	SOIL SURVEY PARTY LDR
GODDARD, TYRONE M	SYRACUSE	.
INDRICK, STEVEN S	SYRACUSE	.
HANNA, WILLIS E	SYRACUSE	SOIL SCNTST (CORRELATION)
KICK, JOHN W	SYRACUSE	G I S COORDINATOR
GILBERT, FREDERICK L	SYRACUSE	STATE SOIL SCNTST

## OHIO

GRAHAM, THOMAS E	COSHOCTON	.
MCCLURE, DONALD N	MALTA	.
GRIFFIN, RICHARD J	LANCASTER	.
GLANVILLE, JEFFREY A	CAMBRIDGE	.
STEIGER, JOSEPH R	LANCASTER	.
REDMOND, CHARLES E	MOUNT VERNON	.

HEMPEL, JONATHAN W	BEAVER CREEK	AREA SOIL SCIENTIST
RUBEL, THOMAS N	CAMBRIDGE	.
GILMORE, GORDON M	CHILLICOTHE	PROJECT LEADER
GIBBS, FRANK E	FINDLAY	.
LEMASTER, DANNY D	MCARTHUR	.
MILLIRON, EMDEN L	MEDINA	.
JENNY, PAUL C	MCCONNELSVILLE	PARTY LDR
GERKEN, JONATHAN C	COLUMBUS	SOIL SPECLST
GEHRING, RICHARD M	COLUMBUS	AST STATE SOIL SCIENTIST
PARKINSON, ROBERT J	COLUMBUS	GEO INF SYS/RES INVENT
HUFFMAN, KELSO K	COLUMBUS	STATE SOIL SCNTST

## OKLAHOMA

GASTINEAU, DONALD A	GUTHRIE	.
WOODS JR, CARL E	GUTHRIE	.
GELNAR, RICHARD F	ALVA	.
COLLIER, TROY L	PERRY	.
WILSON, R C	GUTHRIE	.
TOWNSEND, MARK A	OKEMAH	.
MOEBIUS, GORDON E	DUNCAN	.
BOURLIER, BOBBY G	OKLAHOMA CITY	.
GELNAR, R D	CLINTON	.
SCOTT, GREGORY F	PERRY	.
CAIL, CHARLES R	WOODWARD	.
BAIN, WILLIAM R	MCALESTER	.
HENLEY, JAMES E	PERRY	.
FORD, JIMMY G	STILLWATER	ASST STATE SOIL SCNTST
SAMPLE, GERALD A	STILLWATER	ASST STATE SOIL SCNTST
PUCKETT, WILLIAM E	STILLWATER	STATE SOIL SCNTST

## OREGON

BURNS, LAURA C	GOLD BEACH	.
SUSSMANN, PETER R	BEND	.
SAMPSON, JULIANNE C	PORTLAND	.
SCHRAMM, MICHAEL K	BURNS	.
CARLSON, SUSAN L	ROSEBURG	.
CLARK, THOMAS L	BURNS	.
WINTHER, STANLEY C	ENTERPRISE	.
JASPER, CHRISTOPHER D	GOLD BEACH	.
LAMKIN, JAMES M	BEND	.
WEINHEIMER JR, GERALD J	GOLD BEACH	.
PEPLIN, TODD M	MADRAS	.
TURCOTTE, DAVID E	ROSEBURG	.
LAIRD, WILLIAM E	ENTERPRISE	SOIL SURVEY PARTY LDR
KELLER, MARK P	BURNS	SOIL SURVEY PARTY LDR
MYHRUM, RONALD P	BEND	SOIL SURVEY PARTY LDR
SHIPMAN, JOHN A	TILLAMOOK	SOIL SURVEY PARTY LDR
KIENZLE, R J	GOLD BEACH	.
JOHNSON, DAVID R	ROSEBURG	PARTY LDR
BORINE, ROGER H	BEND	.
GERIG, ALLEN J	BAKER	.
MAKINSON, ALLEN J	ALBANY	AREA SOIL SCIENTIST

FILLMORE, MATTHEW H	GOLD BEACH	SOIL SURVEY PARTY LDR
MACDONALD, GERALD D	MADRAS	SOIL SURVEY PARTY LEADER
LANGRIDGE, RUSSELL W	PORTLAND	SOIL CORRELATOR
THORSON, THOR D	PORTLAND	ASST STATE SOIL SCNTST
HAAGEN, JOHN T	PORTLAND	DATA BASE MGR
LATSHAW, GERALD J	PORTLAND	STATE SOIL SCNTST

**PENNSYLVANIA**

CORTES, MILTON	CREAMERY	
CASTRO, JOSE A	CREAMERY	
WILKINS DAUGHTRY, JACQUELINE	LEESPORT	.
CHIBIRKA, JOHN D	CREAMERY	
ELLENBERGER, NED B	BEDFORD	.
CHURCHILL, NORMAN J	LEESPORT	PARTY LDR
ANDERSON, SCOTT W	CREAMERY	PARTY LDR
HALLOWICH, JOSEPH S	BLOOMSBURG	.
BUSH, R D	STATE COLLEGE	.
KNIGHT, WILLIAM R	BEDFORD	PARTY LDR
ECKENRODE, JOSEPH J	STATE COLLEGE	.
CRAUL, TIMOTHY A	MILFORD	PARTY LDR
NEELY, TRAVIS	HARRISBURG	ASST STATE SOIL SCNTST
WHITE JR, EDGAR A	HARRISBURG	SOIL CORRELATOR
HUDAK, JOHN R	STATE COLLEGE	.
LIPSCOMB, GARLAND H	HARRISBURG	STATE SOIL SCNTST

**PUERTO RICO**

SANTIAGO, CARMEN L	ST CROIX	.
DAVIS, JOHN R	ST CROIX	SOIL SCIENTIST/CORRELATOR
DUBEE, BRUCE C	HATO REY	.
ACEVEDO RAMOS, GILBERTO	HATO REY	.

**RHODE ISLAND**

PASHNIK, JACQUELINE G	WEST WARWICK	RESOURCE INVENT SPECLST
STUART, EVERETT C	WEST WARWICK	ASST STATE SOIL SCNTST

**SOUTH CAROLINA**

NORFLEET, MARTIN L	BAMBERG	.
KINLEY, JOAN B	BAMBERG	.
MANN, MARK A	ST MATTHEWS	.
EARLES, EDWARD H	BENNETTSVILLE	.
MITCHELL JR, CLEVELAND J	ST MATTHEWS	.
HOLSONBACK JR, H E	LAURENS	.
MORTON, RONALD	BENNETTSVILLE	PARTY LDR
HERREN, EDWARD C	LAURENS	PARTY LDR
EPPINETTE, ROBERT T	BAMBERG	PARTY LDR
DEFRANCESCO, DENNIS J	ST MATTHEWS	PARTY LDR
VICK JR, ROY L	COLUMBIA	ASST STATE SOIL SCNTST
STUCKEY JR, BENJAMIN N	COLUMBIA	STATE SOIL SCNTST

**SOUTH DAKOTA**

KEMPTON, KIM D	WEBSTER	.
WINTER, STEVEN D	DE SMET	.
EMERSON, KATHLEEN A	HURON	RES INVENTORY SPECIALIST
WOOLF, MARY L	BROOKINGS	.
BRADY, DANIEL J	VERMILLION	.
PRESTON, EUGENE E	CLARK	.
VIALLE, REGIS L	DE SMET	PARTY LDR
ENSZ, EDGAR H	RAPID CITY	SOIL SPECLST
MILLAR, JAMES B	REDFIELD	PARTY LDR
COOLEY, KENT E	VERMILLION	PARTY LDR
SCHULTZ, LOREN D	ABERDEEN	PARTY LDR
HEIL, KENNETH J	PIERRE	SOIL SPECLST
BACHMAN, WAYNE J	BROOKINGS	PARTY LDR
KUNZE, BRUCE O	BROOKINGS	SOIL SPECLST
SCHUMACHER, THOMAS M	MITCHELL	SOIL SPECLST
FAULKNER, ALLEN A	MURDO	PARTY LDR
SCHAEFER JR, WALTER T	HIGHMORE	PARTY LDR
KRUEGER, KARL J	CLARK	PARTY LDR
SCHAAR, JEROME M	HURON	STATE SOIL SCNTST

#### TENNESSEE

HASKIN, EVELYN M	LEWISBURG	.
THOMAS, DAVID W	CENTERVILLE	.
DOLLAR, HERSHEL D	DUNLAP	.
TATUM, DAVID M	CROSSVILLE	.
SMITH, HOWARD G	GAINESBORO	.
DAVIS, CHARLES L	FAYETTEVILLE	.
LIVINGSTON, RICHARD L	SEVIERVILLE	.
PRATER, JERRY L	DUNLAP	SOIL SURVEY PARTY LDR
HARTGROVE, NATHAN T	JOHNSON CITY	SOIL SURVEY PARTY LDR
MCCOWAN, CARLIE	CROSSVILLE	SOIL SURVEY PARTY LDR
BRASFIELD, DEBRA K	FAYETTEVILLE	SOIL SURVEY PARTY LDR
HENRY, TERRY E	COOKEVILLE	.
CONNER, CLARENCE T	SEVIERVILLE	SOIL SURVEY PARTY LDR
CLENDENON, DOUGLAS F	CENTERVILLE	SOIL SURVEY PARTY LDR
JENKINS, JOHNSON C	DICKSON	SOIL SURVEY PARTY LDR
LEWIS JR, DAVID E	NASHVILLE	ASST STATE SOIL SCNTST
DAVIS, HARRY C	JACKSON	.
MCMILLEN, DAVID C	NASHVILLE	.
SIMS, RAYMOND P	NASHVILLE	SOIL INTERPR SPECLST
NEWTON, DARWIN L	NASHVILLE	STATE SOIL SCNTST

#### TEXAS

OAKLEY, JAMES R	FRANKLIN	.
MULLIGAN, DENNIS K	BEAUMONT	.
ELIAS, SHARON J	PECOS	.
MOFFET, COREY A	MASON	.
ZSCHETZSCHE, SCOTT A	THROCKMORTON	.
BREZINA, DENNIS N	GROESBECK	.
GRAY, LYNN D	CROCKETT	.
FUCHS, CHARLES R	NACOGDOCHES	.



WIEDENFELD, JONATHAN K	KENEDY	.
DOUGLASS, II, JAMES A	LA GRANGE	.
LOVELACE, TOMMY L	GEORGE WEST	.
NORDT, LEE C	CALDWELL	.
SABO, DONALD J	GROESBECK	.
SCHRANK, FREDRICH M	CROCKETT	.
LOOMIS, LYNN E	UVALDE	.
BYRD, THOMAS C	QUITMAN	.
CASTILLE, JOSEPH J	CROCKETT	.
LAMBERT, RICKY E	BEAUMONT	.
BOLIN, JOEL D	NACOGDOCHES	.
RANEY, RONALD J	CALDWELL	.
GREENBERG, WENDY A	FRANKLIN	.
WAGNER, JOHN D	LA GRANGE	.
CRENWELGE, GERALD W	BEAUMONT	.
GREENWADE, JAMES M	TEMPLE	.
MILLER, WESLEY L	VICTORIA	AREA SOIL SCIENTIST
COBURN, WINFRED C	SAN ANGELO	AREA SOIL SCNTST
STEPTOE JR, LEVI	CROCKETT	SOIL SURVEY PARTY LDR
ALLISON, JOHN E	HAMILTON	SOIL SURVEY PARTY LEADER
GRIFFIN, EDWARD L	GROESBECK	SOIL SURVEY PARTY LEADER
CLOWER, DENNIS F	STEPHENVILLE	.
GABRIEL, WAYNE J	UVALDE	AREA SOIL SCNTST
PRINGLE, FRED B	AMARILLO	.
BLACKSTOCK, DAN A	LUBBOCK	.
BROWN JR, SAMUEL E	LA GRANGE	SOIL SURVEY PARTY LDR
CRENWELGE, WILFRED E	LUBBOCK	.
HOLLAND, PAUL D	GEORGE WEST	SOIL SURVEY PARTY LDR
GOERDEL, AULINE R	MASON	SOIL SURVEY PARTY LDR
HATHERLY, DON T	QUITMAN	SOIL SURVEY PARTY LEADER
WIEDENFELD, CLARENCE C	WOODVILLE	.
HYDE, HAROLD W	BRYAN	.
JURENA, MAURICE R	CALDWELL	PARTY LEADER
RIVES, JERRY L	PECOS	.
CHERVENKA, WOODROW G	BRYAN	.
ROBERTS, KIRTHELL	MOUNT PLEASANT	.
DOLEZEL, RAYMOND	NACOGDOCHES	.
MOLINA, RAMIRO	KENEDY	SOIL SURVEY PARTY LDR
WILLIAMSON, DENNIS L	BIG SPRING	AREA SOIL SCIENTIST
COCHRAN, REX A	ALPINE	SOIL SURVEY PARTY LDR
RESSEL, DENNIS D	VERNON	AREA SOIL SCNTST
GRIFFITH, KIRBY L	NACOGDOCHES	SOIL SURVEY PARTY LDR
CYPRIAN, THOMAS E	THROCKMORTON	SOIL SURVEY PARTY LDR
TERRELL, ALAN C	TEMPLE	.
RISINGER, WILLIAM M	TEMPLE	.
WHEELER, FRANKIE F	TEMPLE	STATE RESOURCE INVENT SPECLST
NEITSCH, CONRAD L	TEMPLE	.
BATTE, CHARLES D	TEMPLE	.
GOLDEN, MICHEAL L	TEMPLE	.
LANE, GAYLON L	TEMPLE	ASST STATE SOIL SCNTST
BABCOCK, RICHARD D	TEMPLE	STATE SOIL SCIENTIST

## UTAH

FISH, ROBERT H	ROOSEVELT	SOIL SCNTST
LEWIS, RANDY J	ROOSEVELT	.
JAROS, RICHARD S	FILLMORE	.
FOSTER, RICHARD A	VERNAL	.
DALLIN, TERRY A	FILLMORE	PARTY LDR
CRANDALL, GORDON C	CEDAR CITY	PARTY LDR
PARSLOW, VICTOR L	RICHFIELD	PARTY LDR
LEISHMAN, GARTH W	ROOSEVELT	.
SASSER, LELAND D	PRICE	.
TRICKLER, DARRYL L	MIDVALE	.
ADAMS, KENNETH D	SALT LAKE CITY	SOIL CORRLTR
DOMEIERS, MICHAEL J	SALT LAKE CITY	SOIL CORRLTR
BIGGAM JR, PETER F	SALT LAKE CITY	STATE RES INVENT/GIS SPECLST
ALLGOOD, FERRIS P	SALT LAKE CITY	STATE SOIL SCNTST

## VIRGINIA

WILSON, MARGARET B	COURTLAND	.
JONES, RICHARD D	HALIFAX	SOIL SCNTST
ANDERS, TIMOTHY T	MARION	.
MCCLLOUD, PATTY L	COURTLAND	SOIL SCNTST
DAIL, LEE A	HALIFAX	.
SWEELEY, CYNTHIA M C	COVINGTON	SOIL SURVEY PARTY LDR
CLAUSEN, JAMES A	SUSSEX	PARTY LEADER
MCDANIEL, JERRY C	ROCKY MOUNT	SOIL SURVEY PARTY LDR
SWECKER JR, PAUL L	ROCKY MOUNT	.
EASTHAM, DABNEY H	COLLINSVILLE	PARTY LDR
GILLISPIE JR, HERBERT L	HALIFAX	SOIL SURVEY PARTY LDR
DIXON, JOANNE B	LAWRENCEVILLE	SOIL SURVEY PARTY LDR
WAGNER, DAVID F	TAZEWELL	.
CONNER, ROBERT K	MARION	PARTY LDR
NICHOLSON, JOHN C	FARMVILLE	PARTY LDR
FREYMAN, JEANNINE C	CHRISTIANSBURG	AREA SOIL SCNTST
SHIELDS, DIANE A	COURTLAND	PARTY LEADER
WOLF, BARRIE L	WARM SPRINGS	.
REBER, EARL J	CUMBERLAND	PARTY LDR
FINN, SHAWN M	DUFFIELD	PARTY LDR
STONEMAN, BRUCE E	RICHMOND	AST ST SOIL SCNTST (DBASE )
EALY JR, EDWARD P	RICHMOND	AST ST SOIL SCNTST (QUAL R)
QUESENBERRY, JERRY S	FRANKLIN	SOIL SCIENTIST (RES IALIST)
OWEN, VIVIAN M	RICHMOND	RESOURCE SPECIALIST
HEIDEL, LOUIS W	CULPEPER	.
CROUCH, MARC H	RICHMOND	AST ST SOIL SCNTST (QUAL R)
RECTOR, DEAN D	RICHMOND	STATE SOIL SCNTST

## VERMONT

GRAYSON, CARINTHIA A	NEWPORT	.
DEKETT, ROGER G	SAINT JOHNSBURY	.
ALVES, CAROLINE M	ESSEX JUNCTION	.
KAIJA, KEVIN J	WOODSTOCK	.

STUART, MARTHA H  
 VILLARS, THOMAS R  
 LONG, ROBERT F  
 ADAM, JAMES A  
 GOURLEY, STEPHEN H  
 VAN HOUTEN, DAVID G

WOODSTOCK  
 WOODSTOCK  
 NEWPORT  
 BRATTLEBORO  
 WINOOSKI  
 WINOOSKI

.  
 SOIL SURVEY PROJECT LEADER  
 SOIL SURVEY PROJECT LEADER  
 SOIL RESOURCE SPECLST  
 ASST STATE SOIL SCNTST  
 STATE SOIL SCNTST

#### WASHINGTON

GEHRING, DOUGLAS W  
 WHITE, DEAN L  
 DAVIS, PATRICK A  
 GORDON, BARBARA J  
 WALTERS, ALAN F  
 KEHNE, JAY T  
 BEIELER, VERN E  
 CAMPBELL, STEVEN B  
 GENTRY, HERMAN R  
 BRINCKEN, EDWARD A  
 MILLER, CHRISTOPHER S  
 DUNCAN, BRADLEY J  
 PRINGLE, RUSSELL F  
 AHO, TERRY L  
 HIPPLE, KARL W  
 CARLEY, JAMES A

PASCO .  
 WATERVILLE .  
 NACHES .  
 ELLENSBURG .  
 NACHES .  
 EPHRATA .  
 WATERVILLE PARTY LDR  
 SPOKANE .  
 ELLENSBURG PARTY LDR  
 PASCO SOIL SURVEY PARTY LDR  
 NACHES PARTY LDR  
 OKANOGAN PARTY LDR  
 OLYMPIA PARTY LDR  
 SPOKANE SOIL CORRELATOR  
 SPOKANE DATABASE MGR & MANU EDIT  
 SPOKANE STATE SOIL SCNTST

#### WISCONSIN

ELG, ANGELA M  
 WARNING, CONSTANCE C  
 ANDERSON, KEITH A  
 KROLL, TERRY L  
 FERREN, DONNA E  
 GAFVERT, ULF B  
 TALSKEY, JEFF C  
 SIMONSON, DUANE T  
 MARTZKE, JAMES A  
 CAMPBELL, JOHN E  
 DAHL, ROGER A  
 HAGEDORN, SAMMY D  
 GOERG, KIM C  
 JAKEL, DALE E  
 ROBERTS, DAVID C  
 LANGTON, JOHN E  
 HVIZDAK, DAVID J  
 BARNES, JAMES R  
 FIALA, WILLIAM D  
 JOHANNES, RICHARD M  
 MEYER III, THERON A  
 SIMETH, FRED J  
 BOELTER, JOSEPH M  
 NATZKE, LARRY L  
 MITCHELL, MICHAEL J  
 OMERNIK, DAVID L

RHINELANDER .  
 APPLETON .  
 BARRON .  
 ASHLAND .  
 BARRON .  
 MERRILL .  
 SPOONER .  
 BLACK RIVER FALL. .  
 SPOONER .  
 MERRILL .  
 LADYSMITH .  
 MERRILL .  
 ASHLAND PARTY LDR  
 BARRON SOIL SURVEY PARTY LDR  
 BEAVER DAM .  
 BLACK RIVER FALLPARTY LDR  
 SPOONER .  
 RHINELANDER SOIL SURVEY PARTY LDR  
 LADYSMITH SOIL SURVEY PARTY LDR  
 NEILLSVILLE SOIL SURVEY PARTY LEADER  
 EAU CLAIRE .  
 SPOONER SOIL SURVEY PARTY LDR  
 RHINELANDER PARTY LDR  
 EAU CLAIRE .  
 MERRILL PARTY LDR  
 RICHLAND CENTER .

OTTER, AUGUSTINE J	APPLETON	.
GUNDLACH, HOWARD F	MADISON	.
WACKER, CARL E	MADISON	ASST STATE SOIL SCNTST
LUBICH, KENNETH W	MADISON	STATE SOIL SCIENTIST

**WEST VIRGINIA**

MCFADDEN, MARY E	MARTINSBURG	.
BROOKOVER, JENNIFER J	SUMMERSVILLE	.
JENKINS, ANTHONY B	BECKLEY	AREA SOIL SCNTST
FLEGEL, DONALD G	MARLINTON	PARTY LDR
PATE, ROBERT N	SPENCER	PARTY LDR
ESTEPP, RONALD	ROMNEY	.
DELP, CHARLES H	GASSAWAY	PARTY LEADER
AMICK, DENVER P	SUMMERSVILLE	.
COLE, CARLOS P	PARKERSBURG	.
PYLE, ROY E	BUCKHANNON	AREA SOIL SCNTST
BELL, JAMES W	MARTINSBURG	PARTY LDR
ADAMO, DOUGLAS A	HUNTINGTON	PARTY LDR
GEORGE, WALTER G	GLENVILLE	PARTY LDR
CHILDS, FRANCIS D	MORGANTOWN	ASST STATE SOIL SCNTST
CARPENTER, STEPHEN G	MORGANTOWN	ST RES INV SPECLST\GIS
TOPALANCHIK, ALEX R	MORGANTOWN	SOIL CORRLTR
HATFIELD, WILLIAM F	MORGANTOWN	STATE SOIL SCIENTIST

**WYOMING**

EVANS, ERNEST L	WHEATLAND	.
SMITH, RICHARD L	LUSK	.
COLLINS, MICHAEL D	WHEATLAND	.
WHITE, J A	CHEYENNE	.
KINNEY, ANDREW E	GILLETTE	.
WHITE, RANDALL W	GILLETTE	.
HIETT JR, WILLIAM G	GILLETTE	.
DEPEW, STEPHEN C	LUSK	.
LEBRUSKA, ROBERT L	POWELL	.
WESTERMAN, JAMES W	GILLETTE	SOIL SURVEY PARTY LDR
GUSTAFSON, THOMAS A	MOUNTAIN VIEW	.
STEVENSON, ABE	CHEYENNE	SOIL SURVEY PARTY LDR
RECKNER, RONALD L	PINEDALE	.
STAPLES, RANDALL V	WHEATLAND	SOIL SURVEY PARTY LEADER
KEE JR, GORDON F	LUSK	SOIL SURVEY PARTY LEADER
SCHROEDER, DARRELL L	CASPER	MANUSCRIPTS SPECLST
JELDEN, STEVEN J	CASPER	DATA BASE MGR/INTERPR SPECLST
SUHR, MARVIN C	CASPER	SOIL SPECLST CORRLTN
DERR, PHILLIP S	CASPER	STATE SOIL SCNTST

**NATIONAL HEADQUARTERS**

ARNOLD, RICHARD W	WASHINGTON	DIR SOIL SURVEY DIV
SMALLWOOD, BENJAMIN F	WASHINGTON	.
YOST, DAVID L	WASHINGTON	WORLD SOIL DATA SPECLST
ROTH, WILLIAM E	WASHINGTON	.
SPIVEY JR, LAWSON D	WASHINGTON	.



NETTLETON, WILEY D	LINCOLN	RES SOIL SCNTST
HUDSON, BERMAN D	LINCOLN	.
KIMBLE, JOHN M	LINCOLN	.
OLSON, CAROLYN G	LINCOLN	.
WITTY, JOHN E	LINCOLN	NATL LDR SOI CLASS
KNOX, ELLIS G	LINCOLN	NATL LDR SOI INVEST
HOLZHEY, C S	LINCOLN	ASST DIR SOIL SURVEY DIV
CULVER, JAMES R	LINCOLN	NATL LDR SOI QUAL ASSUR
ANDERSON, DAVID L	LINCOLN	NATL LDR SOI DBE
GROSSMAN, ROBERT B	LINCOLN	RES SOIL SCNTST

**NORTHEAST NATIONAL TECHNICAL CENTER**

DANIELS, LEWIS A	CHESTER	.
SMITH, HOWARD C	CHESTER	.
LANGLOIS JR, KARL H	CHESTER	HEAD, SOIL INTERP STAFF

**SOUTH NATIONAL TECHNICAL CENTER**

SIMS, ZACHARY R	FORT WORTH	.
RUIZ, JAVIER E	FORT WORTH	.
WILLIAMS, DEWAYNE	FORT WORTH	.
BLAKLEY, EARL R	FORT WORTH	.
GOSS, DON W	FORT WORTH	.
NICHOLS, JOE D	FORT WORTH	HEAD, SOILS STAFF

**MIDWEST NATIONAL TECHNICAL CENTER**

MCCALED, NATHAN L	LINCOLN	.
GIRDNER JR, CHARLES L	LINCOLN	.

**WEST NATIONAL TECHNICAL CENTER**

SOBECKI, TERRENCE M	PORTLAND	WATER QUAL SPECLST
DIERKING, RICHARD A	PORTLAND	.
VALVERDE, MARIO A	PORTLAND	.
YEE, MON S	PORTLAND	GEOGRAPHIC INF SYS SPECLST
MILES, RAY L	PORTLAND	.
MUCKEL, GARY B	PORTLAND	HEAD, SOILS STAFF



# **NATIONAL COOPERATIVE SOIL SURVEY**

## **SOIL SCIENTISTS**

in the

# **NATURAL RESOURCES CONSERVATION SERVICE**

August 2000

Name	Duty Location	Title
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# USDA-NRCS SOIL SCIENTISTS<sup>1</sup>

## ALASKA

CLARK, MARK H	PALMER	SOIL SCIENTIST
EWING, STEPHANIE A	DELTA JUNCTION	SOIL SCIENTIST
KOLKA, PETER F	DELTA JUNCTION	SOIL SCIENTIST
MOORE, DENNIS L	PALMER	SOIL SCIENTIST
MOORE, JOSEPH P	PALMER	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
MULLIGAN, DENNIS K	FAIRBANKS	SOIL SCIENTIST
MUNGOVEN, MICHAEL J	HOMER	SOIL SCIENTIST
SKOVLIN, JAY M	HOMER	SOIL SCIENTIST
SWANSON, DAVID K	FAIRBANKS	SOIL SCIENTIST
VAN PATTEN, DOUGLAS J	HOMER	SOIL SCIENTIST
WHITE, JOSEPH D	ANCHORAGE	SOIL SCIENTIST

## ALABAMA

ANDERSON, SCOTT W	AUBURN	SOIL SCIENTIST
BEATY, ROBERT M	ROCKFORD	SOIL SCIENTIST
BRANNON, GREGORY R	AUBURN	SOIL SCIENTIST
BROWN, SHIRLEY J	JACKSON	SOIL SCIENTIST
BURNS JR, JOHN L	CLAYTON	SOIL SCIENTIST
FORD, CHRISTOPHER Z	ALEXANDER CITY	SOIL SCIENTIST
FOX, BOBBY C	DECATUR	SOIL SCIENTIST
HARRIS, MACARTHUR C	GREENSBORO	SOIL SCIENTIST
JOHNSON, KENNETH W	GROVE HILL	SOIL SCIENTIST
MARTIN JR, PAUL G	AUBURN	SOIL SCIENTIST
MASON, JAMES M	LUVERNE	SOIL SCIENTIST
MCGHEE, LAWRENCE E	ALEXANDER CITY	SOIL SCIENTIST
PAGE, SANDERSON	JACKSON	SOIL SCIENTIST
PUCKETT, WILLIAM E	AUBURN	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
TRAYVICK, JOHNNY C	CLAYTON	SOIL SCIENTIST
TUCK, MILTON	ALEXANDER CITY	SOIL SCIENTIST
ZELLMER, RICHARD C	AUBURN	SOIL SCIENTIST

<sup>1</sup> This document includes a listing of soil scientists in the Natural Resources Conservation Service-USDA as of August 2000. The titles listed for soil scientists are very broad. Working titles included as "soil scientists" are: Project Leaders, Soil Scientists working on soil survey projects, Resource Soil Scientists, Assistant State Soil Scientists, Database Specialists, etc. This list is from the NHQ personnel database and reflects only those positions classified in the GS or GM-470 Soil Scientist series.



Name	Duty Location	Title
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### ARKANSAS

AVERY, DON C	MONTICELLO	SOIL SCIENTIST
BRADLEY, JEANETTE J	LITTLE ROCK	SOIL SCIENTIST
CRADER, KENNETH J	NORTH LITTLE ROCK	SOIL SCIENTIST
FIELDER, RICHARD T	LITTLE ROCK	SOIL SCIENTIST
FULTZ, CHARLES L	LITTLE ROCK	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
LAURENT, GLEN D	FAYETTEVILLE	SOIL SCIENTIST
MERSIOVSKY, EDGAR P	FORT SMITH	SOIL SCIENTIST
OLSON, JEFFREY W	GLENWOOD	SOIL SCIENTIST
RHODES, RONALD K	GLENWOOD	SOIL SCIENTIST
WARD, LARRY B	LITTLE ROCK	SOIL SCIENTIST
WILLIAMS, LEODIS	CAMDEN	SOIL SCIENTIST
WILSON, CURTIS R	JONESBORO	SOIL SCIENTIST
WINFREY, ALEX L	ARKADELPHIA	SOIL SCIENTIST

### ARIZONA

ADAMS, KENNETH D	PHOENIX	SOIL SCIENTIST
ASHFORD, SAMARIA R	PHOENIX	SOIL SCIENTIST
BARMORE, RUSSEL L	PHOENIX	SOIL SCIENTIST
BRECKENFELD, DONALD J	TUCSON	SOIL SCIENTIST
CAMP, PHILIP D	PHOENIX	STATE SOIL SCIENTIST
COCHRAN, CHRISTOPHER	TUCSON	SOIL SCIENTIST
DENNY, DAVID W	FLAGSTAFF	SOIL SCIENTIST
DEWALL, ALFRED A	FLAGSTAFF	SOIL SCIENTIST
DYE, HAYES C	PHOENIX	MLRA OFFICE LEADER
FISCHER III, ARTHUR F	FLAGSTAFF	SOIL SCIENTIST
GULLEY, KRISTEN S	FLAGSTAFF	SOIL SCIENTIST
JOHNSON JR, WILLIAM W	PHOENIX	SOIL SCIENTIST
KOWLER, ANDREW L	FLAGSTAFF	SOIL SCIENTIST
LINDSAY, BRUCE A	FLAGSTAFF	SOIL SCIENTIST
MCGUIRE, CATHY E	TUCSON	SOIL SCIENTIST
PEACOCK, CHARLES R	SAN CARLOS	SOIL SCIENTIST
STARMAN, NATHANIEL M	TUCSON	SOIL SCIENTIST
STRAIT, RICHARD K	FLAGSTAFF	SOIL SCIENTIST
SVETLIK JR, WILLIAM A	TUCSON	SOIL SCIENTIST
WILSON, ROBERT W	CHANDLER	SOIL SCIENTIST
WOOD, JESSE F	SAN CARLOS	SOIL SCIENTIST

Name	Duty Location	Title
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**CALIFORNIA**

ALBERTI, LOUIS	LANCASTER	SOIL SCIENTIST
ALMARAZ, RUSSELL A	LANCASTER	SOIL SCIENTIST
ARROUES, KERRY D	HANFORD	SOIL SCIENTIST
ASZMAN, SUE A	ARCATA	SOIL SCIENTIST
BANISTER, KATHRYN L	HANFORD	SOIL SCIENTIST
BERMAN, JENNIFER T	ARCATA	SOIL SCIENTIST
BURKETT, DEAN W	CHICO	SOIL SCIENTIST
CAUDILL, THOMAS A	MADERA	SOIL SCIENTIST
CONLIN, ANDREW E	CHICO	SOIL SCIENTIST
ENNOR, JEFF M	ARCATA	SOIL SCIENTIST
FAHNESTOCK, PETER B	APPLE VALLEY	SOIL SCIENTIST
FELL, FOSTER	SOUTH LAKE TAHOE	SOIL SCIENTIST
FERRARI, CHARLES A	DAVIS	SOIL SCIENTIST
HARBEN, BEVERLY A	ARCATA	SOIL SCIENTIST
HAYDU, CARRIE ANN	APPLE VALLEY	SOIL SCIENTIST
HOWELL, DAVID W	ARCATA	SOIL SCIENTIST
JOHNSON, DANIEL C	LANCASTER	SOIL SCIENTIST
KOMAR, JAMES D	RED BLUFF	SOIL SCIENTIST
LEIMROTH, STEPHAN C	YOSEMITE NATL PARK	SOIL SCIENTIST
LIU, SAM S	ARCATA	SOIL SCIENTIST
OSTER, KENNETH J	TEMPLETON	SOIL SCIENTIST
PANLASIGUI JR, FELIX	CHICO	SOIL SCIENTIST
PARIS, CHRISTOPHER H	DAVIS	SOIL SCIENTIST
REED, WILLIAM R	ARCATA	SOIL SCIENTIST
REGAL, JAMES F	BAKERSFIELD	SOIL SCIENTIST
RULE, JOHN C	MADERA	SOIL SCIENTIST
RUSSELL, EDWARD J	BAKERSFIELD	SOIL SCIENTIST
SCHMIDT, ROBERT B	HOLLISTER	SOIL SCIENTIST
SENEY, JOSEPH P	ARCATA	SOIL SCIENTIST
SHELDON, WAYNE B	ELK GROVE	SOIL SCIENTIST
SOUTHARD, SUSAN B	DAVIS	SOIL SCIENTIST
STANISEWSKI, GLENN R	DAVIS	SOIL SCIENTIST
TALLYN JR, EDWIN F	DAVIS	SOIL SCIENTIST
TASKEY, RONALD D	YOSEMITE NATL PARK	SOIL SCIENTIST
VINSON, ERIC N	DAVIS	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
VOLLRATH, NICOLE A	DAVIS	SOIL SCIENTIST
WASNER, ALAN R	THOUSAND OAKS	SOIL SCIENTIST

Name	Duty Location	Title
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**COLORADO**

ALSTATT, DAVID K	GRAND JUNCTION	SOIL SCIENTIST
BORCHERT, JAMES W	FORT MORGAN	SOIL SCIENTIST
BOYCE, MARJORIE J	MONTROSE	SOIL SCIENTIST
CRAVEN, LAURA L	WOODLAND PARK	SOIL SCIENTIST
DEARSTYNE, DAVID A	MONTROSE	SOIL SCIENTIST
HAHN, THOMAS W	LAKEWOOD	SOIL SCIENTIST
LOERCH, J C	LAKEWOOD	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
MASCARENAS, TERRA L	TRINIDAD	SOIL SCIENTIST
NEVE, LEE A	TRINIDAD	SOIL SCIENTIST
PACE, KELLY J	BRIGHTON	SOIL SCIENTIST
PANNELL, JAMES P	DURANGO	SOIL SCIENTIST
PARK, STEVEN S	LAKEWOOD	SOIL SCIENTIST
PETERSEN, MICHAEL L	GREELEY	SOIL SCIENTIST
PRICE, ALAN B	LAKEWOOD	SOIL SCIENTIST
RAMSEY, DOUGLAS K	CORTEZ	SOIL SCIENTIST
RICE, MARISA A	SAN LUIS	SOIL SCIENTIST
SCOTT, CATHERINE E	CORTEZ	SOIL SCIENTIST
STUEBE, ALAN J	SAN LUIS	SOIL SCIENTIST
TRENCHIK, MELISSA R	WOODLAND PARK	SOIL SCIENTIST
WALTERS, ALAN F	CRAIG	SOIL SCIENTIST
WHEELER, TIMOTHY J	LAKEWOOD	SOIL SCIENTIST

**CONNECTICUT**

ALEXANDER, BARBARA T	MANSFIELD CENTER	SOIL SCIENTIST
FABER, MARJORIE	WINDSOR	SOIL SCIENTIST
KOLESINSKAS, KIPEN J	MANSFIELD CENTER	STATE SOIL SCIENTIST
KRALL, LISA	VERNON	SOIL SCIENTIST
MCVEY, SHAWN J	MANSFIELD CENTER	SOIL SCIENTIST
PARIZEK, DONALD C	WINDSOR	SOIL SCIENTIST

**DELAWARE**

DAVIS, JOHN R	BELTSVILLE	SOIL SCIENTIST
HANNER, CHARLES J	GEORGETOWN	SOIL SCIENTIST
KING, PHILLIP S	GEORGETOWN	SOIL SCIENTIST
SHIELDS, DIANE A	DOVER	SOIL SCIENTIST

Name	Duty Location	Title
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**FLORIDA**

CUMMINGS, EDDIE	LIVE OAK	SOIL SCIENTIST
FORD, RICHARD D	BARTOW	SOIL SCIENTIST
HENDERSON JR, WARREN	GAINESVILLE	STATE SOIL SCIENTIST
HOWELL, DAVID A	LAKE CITY	SOIL SCIENTIST
JONES, ALFRED O	EAST PALATKA	SOIL SCIENTIST
LEACH, DARRELL E	GAINESVILLE	SOIL SCIENTIST
LEWIS, DOUGLAS L	SEBRING	SOIL SCIENTIST
LIUDAHL, KENNETH J	LAKE WORTH	SOIL SCIENTIST
PILNY, PAUL E	SAN ANTONIO	SOIL SCIENTIST
SULLIVAN, KEVIN J	FT PIERCE	SOIL SCIENTIST
VEGA LOPEZ, JUAN A	PALMETTO	SOIL SCIENTIST
WATTS, FRANK C	BALDWIN	SOIL SCIENTIST
WEATHERSPOON, ROBERT	LIVE OAK	SOIL SCIENTIST
YAMATAKI, HOWARD	FT MYERS	SOIL SCIENTIST

**GEORGIA**

CABE, DOUGLAS E	CALHOUN	SOIL SCIENTIST
CARLSON, SHERRY E	COVINGTON	SOIL SCIENTIST
EALY JR, EDWARD P	ATHENS	STATE SOIL SCIENTIST
EVON, ROBERT E	GREENSBORO	SOIL SCIENTIST
GREEN, ALFRED	BUENA VISTA	SOIL SCIENTIST
LAGOUEYTE, CHARLES A	WAYCROSS	SOIL SCIENTIST
LATHEM, JAMES R	COVINGTON	SOIL SCIENTIST
MARSHALL, CURTIS G	ATLANTA	SOIL SCIENTIST
MONROE, KENNETH W	CUTHBERT	SOIL SCIENTIST
MOORE, DAVID A	CALHOUN	SOIL SCIENTIST
MOORE, TIMOTHY S	LEESBURG	SOIL SCIENTIST
OGLESBY, JOLETHIA M	BUENA VISTA	SOIL SCIENTIST
SOWELL, THOMAS C	STATESBORO	SOIL SCIENTIST
THOMAS JR, MACK	STATESBORO	SOIL SCIENTIST
TREDWAY, JENNIFER	GREENSBORO	SOIL SCIENTIST

**GUAM**

GAVENDA, ROBERT T	KEALAKEKUA	SOIL SCIENTIST
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**HAWAII**

HARRINGTON, KEITH A	HILO	SOIL SCIENTIST
NAKAMURA, SAKUICHI	AIEA	SOIL SCIENTIST
SMITH, CHRISTOPHER W	HONOLULU	STATE SOIL SCIENTIST

Name	Duty Location	Title
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**IOWA**

BEDNAREK JR, RICHARD	ATLANTIC	SOIL SCIENTIST
CAMP, LELAND D	WAVERLY	SOIL SCIENTIST
CEOLLA, DALE J	DES MOINES	SOIL SCIENTIST
DIDERIKSEN, ROBERT O	WASHINGTON	SOIL SCIENTIST
GERTSMA, JAMES M	STORM LAKE	SOIL SCIENTIST
LAVAN, MARK R	WASHINGTON	SOIL SCIENTIST
LENSCH, RICHARD A	ATLANTIC	SOIL SCIENTIST
MCCORMICK, JULIA A	ATLANTIC	SOIL SCIENTIST
MINGER, MARK J	STORM LAKE	SOIL SCIENTIST
NORWOOD, KEVIN K	WASHINGTON	SOIL SCIENTIST
OELMANN, DOUGLAS B	INDIANOLA	SOIL SCIENTIST
STECKLY, SAM R	WAVERLY	SOIL SCIENTIST
SUCIK, MICHAEL T	DES MOINES	STATE SOIL SCIENTIST
VOBORA, ROBERT J	WAVERLY	SOIL SCIENTIST
WISNER, ROBIN J	STORM LAKE	SOIL SCIENTIST
YOUNK, ALLAN W	AMES	SOIL SCIENTIST

**IDAHO**

AMES, DAL F	TWIN FALLS	SOIL SCIENTIST
DUNCAN, BRADLEY J	IDAHO FALLS	SOIL SCIENTIST
HAAGEN, MARVIN E	MOSCOW	SOIL SCIENTIST
HARKNESS, ALAN L	MERIDIAN	SOIL SCIENTIST
HOFFMANN, GLENN A	OROFINO	SOIL SCIENTIST
HOOVER, DAVID R	BOISE	STATE SOIL SCIENTIST
JOHNSON, MARK E	MERIDIAN	SOIL SCIENTIST
KUKACHKA, FRANCIS R	SODA SPRINGS	SOIL SCIENTIST
NOE, HARLEY R	MERIDIAN	SOIL SCIENTIST
PETERSON, PETER N	BOISE	SOIL SCIENTIST
REGAN, MICHAEL P	MERIDIAN	SOIL SCIENTIST
SWENSON, HAL K	BOISE	SOIL SCIENTIST
TROCHLELL, DAVID J	MERIDIAN	SOIL SCIENTIST
WEISEL, CHARLES J	COEUR D ALENE	SOIL SCIENTIST
WINWARD, RULON W	PRESTON	SOIL SCIENTIST

**ILLINOIS**

BERNING, GERALD V	EDWARDSVILLE	SOIL SCIENTIST
BRAMSTEDT, MARK W	WATSEKA	SOIL SCIENTIST
CALSYN, DALE E	NAPERVILLE	SOIL SCIENTIST
COLLMAN, RONALD D	CHARLESTON	SOIL SCIENTIST
D AVELLO, THOMAS P	CHAMPAIGN	SOIL SCIENTIST
DENIGER, JEFFREY A	NAPERVILLE	SOIL SCIENTIST
DOLL, JOHN C	CHAMPAIGN	SOIL SCIENTIST

Name	Duty Location	Title
ELMER, STEVEN L	ROCK FALLS	SOIL SCIENTIST
FEHRENBACHER, DONALD	NEW LENOX	SOIL SCIENTIST
FORD, JOHN W	SPRINGFIELD	SOIL SCIENTIST
GOTSCH, KENNETH A	SHELBYVILLE	SOIL SCIENTIST
HANSON, KARLA D	NAPERVILLE	SOIL SCIENTIST
HEISNER, FRANK E	ROCK FALLS	SOIL SCIENTIST
HIGGINS, STEPHEN K	MACOMB	SOIL SCIENTIST
HODGES, MACK S	CHAMPAIGN	SOIL SCIENTIST
HOLLIMAN, LEONARD G	NAPERVILLE	SOIL SCIENTIST
HORNICKEL, JAMES K	SPRINGFIELD	SOIL SCIENTIST
INDORANTE, SAMUEL J	CARBONDALE	SOIL SCIENTIST
LEEPER, RANDALL A	CARBONDALE	SOIL SCIENTIST
MCCAULEY, WILLIAM M	BENTON	SOIL SCIENTIST
MCLEESE, ROBERT L	CHAMPAIGN	STATE SOIL SCIENTIST
PRELOGER, DAVID E	ROCK FALLS	SOIL SCIENTIST
SUHL, STEVEN E	SPRINGFIELD	SOIL SCIENTIST
SWAIN, CATHERINE A	NAPERVILLE	SOIL SCIENTIST
TEATER, WILLIAM M	SPRINGFIELD	SOIL SCIENTIST
TEGELER, ROBERT A	SPRINGFIELD	SOIL SCIENTIST
WERNER, SAM E	CHARLESTON	SOIL SCIENTIST
WILLIAMS, DWAYNE R	CARBONDALE	SOIL SCIENTIST
WINDHORN, ROGER D	CHAMPAIGN	SOIL SCIENTIST
ZWICKER, STEVEN E	PRINCETON	SOIL SCIENTIST

### INDIANA

BROCK, REX A	PLYMOUTH	SOIL SCIENTIST
CHOWDHERY, ASGHAR A	INDIANAPOLIS	SOIL SCIENTIST
CLARK JR, BENNIE	INDIANAPOLIS	SOIL SCIENTIST
ENDRES, TONIE J	INDIANAPOLIS	SOIL SCIENTIST
FERGUSON, HENRY J	INDIANAPOLIS	SOIL SCIENTIST
GEHRING, DAVID A	PLYMOUTH	SOIL SCIENTIST
HALEY, SCOT A	INDIANAPOLIS	SOIL SCIENTIST
HOSTETER, WILLIAM D	INDIANAPOLIS	SOIL SCIENTIST
LARSON, JERRY D	INDIANAPOLIS	SOIL SCIENTIST
LOVE, CHARLES L	INDIANAPOLIS	SOIL SCIENTIST
MARSHALL, DENA L	NORTH VERNON	SOIL SCIENTIST
MCBURNETT, SHANE L	PLYMOUTH	SOIL SCIENTIST
MCELRATH JR, GEORGE	CORYDON	SOIL SCIENTIST
MCWILLIAMS, KENDALL M	JASPER	SOIL SCIENTIST
NAGEL, BYRON G	NORTH VERNON	SOIL SCIENTIST
NEELY, TRAVIS	INDIANAPOLIS	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
NEILSON, RICHARD W	PLYMOUTH	SOIL SCIENTIST
NEYHOUSE SR, STEVEN W	CORYDON	SOIL SCIENTIST

Name	Duty Location	Title
SHIVELY, JEROLD L	GREENCASTLE	SOIL SCIENTIST
STRUBEN, GARY R	INDIANAPOLIS	SOIL SCIENTIST
WIGGINTON, MICHAEL L	INDIANAPOLIS	SOIL SCIENTIST

### KANSAS

ABEL, PATRICK L	MANHATTAN	SOIL SCIENTIST
ALSPACH, STEVEN D	EMPORIA	SOIL SCIENTIST
EVANS, BRUCE C	LAWRENCE	SOIL SCIENTIST
FINNELL SR, PAUL R	SALINA	SOIL SCIENTIST
GASTINEAU, DONALD A	CHANUTE	SOIL SCIENTIST
GRABER, STEVEN P	DODGE CITY	SOIL SCIENTIST
GRAY, LARRY A	HUTCHINSON	SOIL SCIENTIST
HOFFMAN, BRUCE R	MANHATTAN	SOIL SCIENTIST
KACIREK, DAVID K	LEAVENWORTH	SOIL SCIENTIST
KICHLER, LARRY E	LAWRENCE	SOIL SCIENTIST
MCDOWELL, JAMES L	HAYS	SOIL SCIENTIST
MILLER, LONNIE R	OLATHE	SOIL SCIENTIST
MURPHY, ROBERT M	HUTCHINSON	SOIL SCIENTIST
PARKS, GARY L	HUTCHINSON	SOIL SCIENTIST
PLINSKY, ROBERT O	TOPEKA	SOIL SCIENTIST
REMLEY, JAMES C	SALINA	SOIL SCIENTIST
SABATA, LARRY R	TOPEKA	SOIL SCIENTIST
SCHLEPP, RICHARD L	SALINA	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
TRICKS, BOBBY D	HAYS	SOIL SCIENTIST
WARNER, JOHN C	HUTCHINSON	SOIL SCIENTIST
WEHMUELLER, WILLIAM A	MANHATTAN	SOIL SCIENTIST

### KENTUCKY

ALDRIDGE, PATRICK S	SHELBYVILLE	SOIL SCIENTIST
BLANFORD, STEVEN J	SHELBYVILLE	SOIL SCIENTIST
CRADDOCK, WILLIAM H	LEXINGTON	STATE SOIL SCIENTIST
EIGEL, ROBERT A	LEXINGTON	SOIL SCIENTIST
EVANS, HARRY S	SOMERSET	SOIL SCIENTIST
FORSYTHE, RUDY	PRINCETON	SOIL SCIENTIST
GREGORY, PHILLIP G	MAYFIELD	SOIL SCIENTIST
HAAGEN, JAMES E	HARDINSBURG	SOIL SCIENTIST
HINES, DOUGLAS H	FRANKFORT	SOIL SCIENTIST
JACOBS, STEVE E	MAYSVILLE	SOIL SCIENTIST
MCINTOSH, JACKIE D	LONDON	SOIL SCIENTIST
MCINTOSH, JERRY E	MAYFIELD	SOIL SCIENTIST
MITCHELL, MICHAEL J	BOWLING GREEN	SOIL SCIENTIST
MOORE, ALAN K	LOUISA	SOIL SCIENTIST
WATERS, BRUCE A	MOREHEAD	SOIL SCIENTIST

Name	Duty Location	Title
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### LOUISIANA

ALLEN, E T	MONROE	SOIL SCIENTIST
BOYD, WILLIAM H	RAYVILLE	SOIL SCIENTIST
COOLEY, MICHAEL C	COLFAX	SOIL SCIENTIST
DAIGLE, JERRY J	ALEXANDRIA	STATE SOIL SCIENTIST
DAUGEREAUX, DENNIS J	DONALDSONVILLE	SOIL SCIENTIST
GUILLORY, CHARLES M	ALEXANDRIA	SOIL SCIENTIST
HENRY JR, CHARLIE N	RINGGOLD	SOIL SCIENTIST
KILPATRICK, W W	MINDEN	SOIL SCIENTIST
MCDANIEL, DONALD R	OPELOUSAS	SOIL SCIENTIST
MORRIS, LYFON	DONALDSONVILLE	SOIL SCIENTIST
MUSE, BURNELL	DENHAM SPRINGS	SOIL SCIENTIST
SCOTT, EDWARD D	RAYVILLE	SOIL SCIENTIST
SLABAUGH, JAMES D	ALEXANDRIA	SOIL SCIENTIST
STEPHENS, WILTON W	DONALDSONVILLE	SOIL SCIENTIST
TRAHAN, GERALD J	OPELOUSAS	SOIL SCIENTIST

### MASSACHUSSETS

AVERILL JR, ALBERT N	GREENFIELD	SOIL SCIENTIST
FINN, SHAWN M	AMHERST	SOIL SCIENTIST
FISCHER, STEVEN W	AMHERST	SOIL SCIENTIST
HESKETH, ERIC S	AMHERST	SOIL SCIENTIST
MARTINEZ FLORES, ASTR	GREENFIELD	SOIL SCIENTIST
MONDS, L D	AMHERST	SOIL SCIENTIST
TAYLOR, WILLIAM H	AMHERST	SOIL SCIENTIST
THOMPSON, BRUCE W	AMHERST	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
TUNSTEAD, ROBERT B	WEST WAREHAM	SOIL SCIENTIST
TURENNE, JAMES D	WEST WAREHAM	SOIL SCIENTIST
WILLIAMS, CHRISTOPHER	AMHERST	SOIL SCIENTIST

### MARYLAND

BAKER, CARLA M	EASTON	SOIL SCIENTIST
BEARD, JARED C	FREDERICK	SOIL SCIENTIST
BREWER, JAMES E	SALISBURY	SOIL SCIENTIST
BROWN, JAMES H	ANNAPOLIS	STATE SOIL SCIENTIST
COHEN, VALERIE J	FREDERICK	SOIL SCIENTIST
COWHERD, WILLIAM D	ANNAPOLIS	SOIL SCIENTIST
DAVIS, SUSAN L	ANNAPOLIS	SOIL SCIENTIST
DEMAS, SUSAN Y	PRINCESS ANNE	SOIL SCIENTIST
EARLES, EDWARD H	LA PLATA	SOIL SCIENTIST
FRIEND, AARON K	CUMBERLAND	SOIL SCIENTIST
KRAFT, JOSEPH S	HAGERSTOWN	SOIL SCIENTIST



Name	Duty Location	Title
PIRI, ANDY K	FREDERICK	SOIL SCIENTIST
ROBINETTE, CARL E	CUMBERLAND	SOIL SCIENTIST
TEACHMAN, GEORGE E	ABERDEEN PROV GRND	SOIL SCIENTIST
VASILAS, LENORE M	BALTIMORE	SOIL SCIENTIST
VERDONE, DAVID R	UPPER MARLBORO	SOIL SCIENTIST

### MAINE

BUTLER, JR, THEODORE	DOVER FOXCROFT	SOIL SCIENTIST
FLEWELLING, LAWRENCE	DOVER FOXCROFT	SOIL SCIENTIST
HEDSTROM, GARY T	FARMINGTON	SOIL SCIENTIST
HOAR, WAYNE D	DOVER FOXCROFT	ACTING STATE SOIL SCIENTIST
HODGMAN, LINDSAY H	ORONO	SOIL SCIENTIST
KIMBLE, MARY J	DOVER FOXCROFT	SOIL SCIENTIST
MILLER, JONATHAN W	FARMINGTON	SOIL SCIENTIST
OLSON, RONALD W	BANGOR	SOIL SCIENTIST
TURCOTTE, DAVID E	DOVER FOXCROFT	SOIL SCIENTIST
WILKINSON, DAVID E	LEWISTON	SOIL SCIENTIST

### MICHIGAN

ANTONIEWICZ, JAMIE M	MIO	SOIL SCIENTIST
ANZALONE, WILLIAM C	ONTONAGON	SOIL SCIENTIST
BOWMAN, WILLIAM L	EAST LANSING	SOIL SCIENTIST
CALUS, JOSEPH K	MANISTIQUE	SOIL SCIENTIST
CAREY, LAWRENCE M	MARQUETTE	SOIL SCIENTIST
EVERSOLL, JOHN S	ONTONAGON	SOIL SCIENTIST
FARINA, MARK D	MUNISING	SOIL SCIENTIST
FREDERICK, WILLIAM E	EAST LANSING	ACTING STATE SOIL SCIENTIST
GERHARD, ERIK A	MANISTEE	SOIL SCIENTIST
JEROME, DWIGHT S	MARQUETTE	SOIL SCIENTIST
KINTER, GAY L	FLINT	SOIL SCIENTIST
KNAPP, BRUCE D	TRAVERSE CITY	SOIL SCIENTIST
KROELL III, MARTIN L	GRAYLING	SOIL SCIENTIST
LINSEMIER, LYLE H	MANISTEE	SOIL SCIENTIST
PERKIS, WILLIAM E	RAMSAY	SOIL SCIENTIST
PURKEY, THOMAS H	MIO	SOIL SCIENTIST
QUISLER, JON M	MIO	SOIL SCIENTIST
RODACKER, DENNIS J	MANISTIQUE	SOIL SCIENTIST
RODOCK, STEPHEN E	NEWBERRY	SOIL SCIENTIST
SCHWENNER, CHARLES F	MUNISING	SOIL SCIENTIST
SILKWORTH, DARIN R	RAMSAY	SOIL SCIENTIST
TARDY, STEPHEN W	EAGLE RIVER	SOIL SCIENTIST

Name	Duty Location	Title
TEPLER, RANDALL F	MUNISING	SOIL SCIENTIST
THOEN, GREGORY F	HASTINGS	SOIL SCIENTIST
WERLEIN, JOHN O	GRAYLING	SOIL SCIENTIST
WHITNEY, GREGORY D	NEWBERRY	SOIL SCIENTIST
WIKGREN, KENNETH R	EAGLE RIVER	SOIL SCIENTIST
WING, DANIEL J	MANISTIQUE	SOIL SCIENTIST

### MINNESOTA

BECK, JOHN F	ROCHESTER	SOIL SCIENTIST
CHRISTENSEN, KEITH A	MILACA	SOIL SCIENTIST
DES LAURIERS, LYNN L	ST PAUL	SOIL SCIENTIST
DIERS, MARC P	DULUTH	SOIL SCIENTIST
FALKENBERG, JOSEPH A	ROCHESTER	SOIL SCIENTIST
GENRICH, RAYMOND C	MARSHALL	SOIL SCIENTIST
GIENCKE, ALLAN G	ST PAUL	SOIL SCIENTIST
GILLEN, ELIZABETH L	ST PETER	SOIL SCIENTIST
GORTON, JEROME F	INTERNATIONAL FALLS	SOIL SCIENTIST
HANDLER, JOHN F	ST PAUL	SOIL SCIENTIST
HARTMAN, PETER R	ROCHESTER	SOIL SCIENTIST
HEMPEL, JONATHAN W	ST PAUL	SOIL SCIENTIST
HESCHKE, RODNEY B	THIEF RIVER FALLS	SOIL SCIENTIST
HUNYADI, BARRY W	INTERNATIONAL FALLS	SOIL SCIENTIST
JACKSON, THOMAS C	ST PETER	SOIL SCIENTIST
JAHNKE, JOSEPH J	ST PAUL	SOIL SCIENTIST
KRISTOFF JR, JOSEPH M	MARSHALL	SOIL SCIENTIST
KYAR, RODNEY G	VIRGINIA	SOIL SCIENTIST
LIESER, MICHAEL L	FERGUS FALLS	SOIL SCIENTIST
MATZDORF, KENNETH D	ST PAUL	SOIL SCIENTIST
MCCLOSKEY, JOSEPH W	ST PAUL	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
MCCORMICK, GERALD W	VIRGINIA	SOIL SCIENTIST
MILLER, DOUGLAS E	ST PETER	SOIL SCIENTIST
NELSON, GARY D	INTERNATIONAL FALLS	SOIL SCIENTIST
NEUENFELDT, THOMAS W	CLOQUET	SOIL SCIENTIST
PERRY, MARK L	MILACA	SOIL SCIENTIST
PINK, TRUDY L	MARSHALL	SOIL SCIENTIST
PLOETZ, SUSAN T	ST PAUL	SOIL SCIENTIST
POTTS, DAVID J	THIEF RIVER FALLS	SOIL SCIENTIST
RISLEY, ROGER T	DULUTH	SOIL SCIENTIST
ROKUS, MICHAEL A	VIRGINIA	SOIL SCIENTIST
SAARI, CHARLES T	ROCHESTER	SOIL SCIENTIST
SELLA, JAMES M	VIRGINIA	SOIL SCIENTIST
STEFFEN, KIM D	BROOKLYN CENTER	SOIL SCIENTIST
SULLIVAN, PERRY F	INTERNATIONAL FALLS	SOIL SCIENTIST

Name	Duty Location	Title
TUVE, CLINTON W	VIRGINIA	SOIL SCIENTIST
WALCZYNSKI, MICHAEL J	DULUTH	SOIL SCIENTIST
WALKER, MICHAEL B	ST PAUL	SOIL SCIENTIST
WEIKLE, PETER C	DULUTH	SOIL SCIENTIST
WRIGHT KOLL, PATRICIA	RED LAKE FALLS	SOIL SCIENTIST

### MISSOURI

ABNEY, MARK A	CHILLICOTHE	SOIL SCIENTIST
BAKER, JOHN L	FULTON	SOIL SCIENTIST
BERKA, DOUGLAS R	PLATTE CITY	SOIL SCIENTIST
BURNEY, MICHAEL W	BOLIVAR	SOIL SCIENTIST
CHILDRESS, JAMES D	EMINENCE	SOIL SCIENTIST
COOK, MICHAEL A	SULLIVAN	SOIL SCIENTIST
DAVIS, KEITH O	JEFFERSON CITY	SOIL SCIENTIST
DEWITT, THOMAS A	SPRINGFIELD	SOIL SCIENTIST
FESTERVAND, DORRIS F	GAINESVILLE	SOIL SCIENTIST
GREGG, KENNETH L	MOUNT VERNON	SOIL SCIENTIST
HOLBROOK, DONALD W	MARBLE HILL	SOIL SCIENTIST
HOWARD, DAVID A	WARRENSBURG	SOIL SCIENTIST
JOHNSTON, ALLAN R	JACKSON	SOIL SCIENTIST
KENDRICK, CHARLES C	COLUMBIA	SOIL SCIENTIST
LARSEN, SCOTT E	SULLIVAN	SOIL SCIENTIST
LEE, CLAYTON E	COLUMBIA	SOIL SCIENTIST
LINDGREN, GARY A	SULLIVAN	SOIL SCIENTIST
MOORE, MICHAEL J	EMINENCE	SOIL SCIENTIST
PAULS, WILLIAM R	COLUMBIA	SOIL SCIENTIST
PEER, ALAN C	CARTHAGE	SOIL SCIENTIST
POTTER, DENNIS K	COLUMBIA	STATE SOIL SCIENTIST
PRESTON, JOHN D	CABOOL	SOIL SCIENTIST
RADATZ, CARYL A	COLUMBIA	SOIL SCIENTIST
SIMMONS, MELVIN	EMINENCE	SOIL SCIENTIST
SKAER, DAVID M	SULLIVAN	SOIL SCIENTIST
STATON CLIFTON, SHEIL	SEDALIA	SOIL SCIENTIST
TUMMONS, RICHARD L	COLUMBIA	SOIL SCIENTIST
VANDER VEEN, SIDNEY A	CABOOL	SOIL SCIENTIST
WOLF, DAVID W	CAMDENTON	SOIL SCIENTIST
YOUNG III, FRED J	JEFFERSON CITY	SOIL SCIENTIST

### MISSISSIPPI

BRASS, PAUL R	CARTHAGE	SOIL SCIENTIST
CHANDLER, REX H	PEARL	SOIL SCIENTIST
CURTIS, JAMES L	RICHTON	SOIL SCIENTIST
DEPEW, STEPHEN C	TUPELO	SOIL SCIENTIST
GODFREY, CURTIS L	GREENWOOD	SOIL SCIENTIST

Name	Duty Location	Title
GREEN, WILLIE L	CARTHAGE	SOIL SCIENTIST
HATCHER, CHRISTOPHER	RIGHTON	SOIL SCIENTIST
JOHNSON, DELANEY B	VICKSBURG	SOIL SCIENTIST
KILPATRICK, THOMAS T	JACKSON	SOIL SCIENTIST
LANGLINAIS, JEROME L	NATCHEZ	SOIL SCIENTIST
LEE, MELVIN	RIGHTON	SOIL SCIENTIST
LILLY, MICHAEL E	JACKSON	STATE SOIL SCIENTIST
MARTIN, GRANT E	NATCHEZ	SOIL SCIENTIST
MURPHY, KENNETH E	JACKSON	SOIL SCIENTIST
ROBARDS, MAC H	NEW ALBANY	SOIL SCIENTIST
TERRY, WILLIE J	NATCHEZ	SOIL SCIENTIST
THORNTON, RALPH M	RIGHTON	SOIL SCIENTIST

### MONTANA

BANDY, RICHARD G	GREAT FALLS	SOIL SCIENTIST
BERGER, GARY F	DILLON	SOIL SCIENTIST
BOTT, WADE D	BOZEMAN	SOIL SCIENTIST
BROOKER, JAY W	BOZEMAN	SOIL SCIENTIST
DOUGHERTY, BRIAN D	DEER LODGE	SOIL SCIENTIST
DRUMMOND, WILLIAM J	MILES CITY	SOIL SCIENTIST
FALLON, DONALD W	BIG TIMBER	SOIL SCIENTIST
FRENCH, CHARLES C	BIG TIMBER	SOIL SCIENTIST
GORDON, CHARLES N	BOZEMAN	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
HANSEN, MICHAEL J	BOZEMAN	SOIL SCIENTIST
HARRISON, WILLIAM D	BOZEMAN	SOIL SCIENTIST
IRWIN, ARNIE D	DEER LODGE	SOIL SCIENTIST
KARINEN, JANE C	BIG TIMBER	SOIL SCIENTIST
KECK, THOMAS J	WHITEHALL	SOIL SCIENTIST
KLEMENT, CHRISTINE M	MILES CITY	SOIL SCIENTIST
KLOSTER, BRIAN R	ROUNDUP	SOIL SCIENTIST
LESCHIN, TIA D	KALISPELL	SOIL SCIENTIST
LINDAHL, JOHN A	BOZEMAN	SOIL SCIENTIST
MCCAIN, PATRICK E	DILLON	SOIL SCIENTIST
MCLEAN, DAN L	BOZEMAN	SOIL SCIENTIST
NOBLE, CHRIS V	BOZEMAN	SOIL SCIENTIST
ROLFES, GEORGE A	BOZEMAN	SOIL SCIENTIST
SETERA, JEROME M	MILES CITY	SOIL SCIENTIST
SIBLEY, CALVIN R	DILLON	SOIL SCIENTIST
SPOKAS, ROBERT J	HAMILTON	SOIL SCIENTIST
STROM, DONALD E	WHITEHALL	SOIL SCIENTIST
SVENDSEN, NEAL R	MISSOULA	SOIL SCIENTIST
VANFOSSEN, STEVEN G	MILES CITY	SOIL SCIENTIST
WEGMANN, ROBERT E	ROUNDUP	SOIL SCIENTIST
WILLS, EVE	BIG TIMBER	SOIL SCIENTIST

Name	Duty Location	Title
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### NORTH CAROLINA

ANDERSON, DEBORAH T	RALEIGH	SOIL SCIENTIST
CLAPP, DAVID C	GREENSBORO	SOIL SCIENTIST
CONNOLLY, STEPHANIE J	MURPHY	SOIL SCIENTIST
CORTES, MILTON	RALEIGH	SOIL SCIENTIST
CROUCH, MARC H	RICHMOND	SOIL SCIENTIST
EVANS, STEVEN T	TROY	SOIL SCIENTIST
GAGNON JR, JOHN A	EDENTON	SOIL SCIENTIST
HARLAN, TIMOTHY P	WAYNESVILLE	SOIL SCIENTIST
HARRIS, JAMES C	EDENTON	SOIL SCIENTIST
HOCKETT, PHYLLIS D	RALEIGH	SOIL SCIENTIST
HUDSON, MARK S	ASHEVILLE	SOIL SCIENTIST
KELLEY, JOHN A	RALEIGH	SOIL SCIENTIST
LAWRENCE, KENNETH S	ATHENS	SOIL SCIENTIST
LEAB, ROGER J	GREENSBORO	SOIL SCIENTIST
MALLARD III, L L	KENANSVILLE	SOIL SCIENTIST
MARTINEZ, MILTON	STATESVILLE	SOIL SCIENTIST
MATHIS JR, ROY L	WILKESBORO	SOIL SCIENTIST
RANSON, JR, ROBERT H	PITTSBORO	SOIL SCIENTIST
SANDERS, SCOTT P	ASHEVILLE	SOIL SCIENTIST
SHERRILL, MICHAEL L	WAYNESVILLE	SOIL SCIENTIST
SMITH JR, BRUCE P	BURNSVILLE	SOIL SCIENTIST
SPRUILL, WILLIE E	FAIRMONT	SOIL SCIENTIST
TANT, PHILLIP L	RALEIGH	SOIL SCIENTIST
THOMAS, DOUGLAS J	WAYNESVILLE	SOIL SCIENTIST
TUTTLE, JOHN W	WILKESBORO	SOIL SCIENTIST
VICK JR, ROY L	RALEIGH	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
WARD, RICHARD B	WARRENTON	SOIL SCIENTIST
WOOD, BRIAN A	ROBBINSVILLE	SOIL SCIENTIST
WOODY, WILLIAM E	SALISBURY	SOIL SCIENTIST

### NORTH DAKOTA

ANDERSON, KEITH A	FARGO	SOIL SCIENTIST
AZIZ, FREDERICK P	DICKINSON	SOIL SCIENTIST
CHAMPA, THOMAS M	DICKINSON	SOIL SCIENTIST
EDLAND, LAWRENCE E	BISMARCK	SOIL SCIENTIST
GULSVIG, ALAN R	DICKINSON	SOIL SCIENTIST
HEIDT, CORNELIUS J	BISMARCK	SOIL SCIENTIST
HENDERSON, JACQUELINE	BISMARCK	SOIL SCIENTIST
JENSEN, EARNEST L	DEVILS LAKE	SOIL SCIENTIST
JOHNSON, DAVID L	FORMAN	SOIL SCIENTIST
KRUSE, RYAN D	FARGO	SOIL SCIENTIST
LISANTE, ROBERT H	DEVILS LAKE	SOIL SCIENTIST

Name	Duty Location	Title
REEVES, DAVID L	DEVILS LAKE	SOIL SCIENTIST
SIELER, STEVEN J	BISMARCK	SOIL SCIENTIST
ULMER, MICHAEL G	BISMARCK	SOIL SCIENTIST
VANDEBUSCH, DARRELL	DICKINSON	SOIL SCIENTIST
WATTS, CLEVELAND E	BISMARCK	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
WEISER, HAL C	JAMESTOWN	SOIL SCIENTIST

### NEBRASKA

COWSERT, PATRICK T	OMAHA	SOIL SCIENTIST
HAMMER, ROGER R	ONEILL	SOIL SCIENTIST
LABENZ, A T	HOLDREGE	SOIL SCIENTIST
LATTA, CASEY W	YORK	SOIL SCIENTIST
MCCAULEY, NATHAN L	LINCOLN	STATE SOIL SCIENTIST
MCCOY, GARY L	STANTON	SOIL SCIENTIST
RAYER, ROBERT L	ST PAUL	SOIL SCIENTIST
SCHAECHER, ANGELA D	OMAHA	SOIL SCIENTIST
SCHEINOST, STEVEN A	LINCOLN	SOIL SCIENTIST
VANEK, WAYNE J	LINCOLN	SOIL SCIENTIST
VYAIN, DAVID A	VALENTINE	SOIL SCIENTIST
WILLOUGHBY, MARK E	BEATRICE	SOIL SCIENTIST
WILSON, JAY R	OSHKOSH	SOIL SCIENTIST
ZINK, RICHARD R	GRAND ISLAND	SOIL SCIENTIST

### NEW HAMPSHIRE

BURKE, THOMAS H	LANCASTER	SOIL SCIENTIST
CANNON, MARY E	LANCASTER	SOIL SCIENTIST
DUDLEY, KAREN H	CONCORD	SOIL SCIENTIST
HOMER, JOSEPH W	LANCASTER	SOIL SCIENTIST
HUNDLEY, STEVEN J	DURHAM	STATE SOIL SCIENTIST
SWAIN, KATHERINE L	CONCORD	SOIL SCIENTIST
WHITCOMB, PETER B	CONCORD	SOIL SCIENTIST

### NEW JERSEY

KEENAN, SCOTT C	HAMMONTON	SOIL SCIENTIST
MUNIZ, EDWIN	ANNANDALE	SOIL SCIENTIST
SCHOENAGEL III, FRED	HACKETTSTOWN	SOIL SCIENTIST
SHAW, RICHARD K	ANNANDALE	SOIL SCIENTIST
SMITH, HOWARD C	SOMERSET	SOIL SCIENTIST
TAYLOR, RONNIE L	SOMERSET	STATE SOIL SCIENTIST

### NEW MEXICO

CATES, GREG W	EL PASO	SOIL SCIENTIST
CHAVEZ, CLARENCE L	ALBUQUERQUE	SOIL SCIENTIST

Name	Duty Location	Title
FERGUSON, CHARLES A	SANTA FE	SOIL SCIENTIST
HIBNER, CHARLES D	SANTA FE	SOIL SCIENTIST
HILL, ROBERT A	CLOVIS	SOIL SCIENTIST
PUTTERE, JENNIFER M	SANTA FE	SOIL SCIENTIST
ROSSBACH, JESSIE P	ALBUQUERQUE	SOIL SCIENTIST
SCHEFFE, KENNETH F	ALBUQUERQUE	ASST. STATE CON/RES. INVENT & ASSESS. (STATE SOIL SCIENTIST)
SPRANKLE, DALE G	EL PASO	SOIL SCIENTIST
STRATTON, GERALD R	ALBUQUERQUE	SOIL SCIENTIST
ZSCHETZSCHE, SCOTT A	GRANTS	SOIL SCIENTIST
<b>NEVADA</b>		
BLACKBURN, PAUL W	ELKO	SOIL SCIENTIST
BLAKE, EDWARD W	GARDNERVILLE	SOIL SCIENTIST
CHIARETTI, JOSEPH V	RENO	SOIL SCIENTIST
DOLLARHIDE, WILLIAM E	RENO	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
DOMEI,ER, MICHAEL J	SALT LAKE CITY	SOIL SCIENTIST
FISHER, JOHN B	RENO	SOIL SCIENTIST
HERRIMAN, STEPHEN C	FALLON	SOIL SCIENTIST
LATO, LEON J	LAS VEGAS	SOIL SCIENTIST
MCKAY, THOMAS R	RENO	SOIL SCIENTIST
MERKLER, DOUGLAS J	LAS VEGAS	SOIL SCIENTIST
PREVOST, DEBORAH J	RENO	SOIL SCIENTIST
SLUSSER, STEVEN E	RENO	SOIL SCIENTIST
<b>NEW YORK</b>		
ANTES, STEVEN E	BELMONT	SOIL SCIENTIST
CARLISLE, STEVEN C	SENECA FALLS	SOIL SCIENTIST
GODDARD, TYRONE M	SYRACUSE	STATE SOIL SCIENTIST
HAVENS, MATTHEW W	BELMONT	SOIL SCIENTIST
HERNANDEZ, LUIS A	NEW YORK -RICHMOND	SOIL SCIENTIST
INDRICK, STEVEN S	SYRACUSE	SOIL SCIENTIST
KICK, JOHN W	SYRACUSE	SOIL SCIENTIST
KONOPKA, PAUL E	MALTA	SOIL SCIENTIST
PAGE, STEPHEN J	LOWVILLE	SOIL SCIENTIST
PUGLIA, PAUL S	ELLCOTTVILLE	SOIL SCIENTIST
SILVERMAN, MARK H	MALTA	SOIL SCIENTIST
SMITH, GERALD W	WESTPORT	SOIL SCIENTIST
STEIN, EDWARD R	UTICA	SOIL SCIENTIST
TREVAIL, THEODORE D	PLATTSBURGH	SOIL SCIENTIST



Name	Duty Location	Title
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**OHIO**

ALLEN, JOHN R	EATON	SOIL SCIENTIST
DERRINGER, GEORGE D	TROY	SOIL SCIENTIST
DOTSON, DOUGLAS B	WILMINGTON	SOIL SCIENTIST
GEHRING, RICHARD M	COLUMBUS	SOIL SCIENTIST
GERKEN, JONATHAN C	COLUMBUS	STATE SOIL SCIENTIST
GIBBS, FRANK E	FINDLAY	SOIL SCIENTIST
GILMORE, GORDON M	MARIETTA	SOIL SCIENTIST
GLANVILLE, JEFFREY A	FINDLAY	SOIL SCIENTIST
GRIFFIN, RICHARD J	MARIETTA	SOIL SCIENTIST
JENNY, PAUL C	NEWARK	SOIL SCIENTIST
LEMASTER, DANNY D	CHILlicoTHE	SOIL SCIENTIST
MCCLURE, DONALD N	FINDLAY	SOIL SCIENTIST
MILLIRON, EMDEN L	CANTON	SOIL SCIENTIST
PARKINSON, ROBERT J	COLUMBUS	SOIL SCIENTIST
REDMOND, CHARLES E	MOUNT VERNON	SOIL SCIENTIST
REEDSTROM, JONATHON D	CANTON	SOIL SCIENTIST

**OKLAHOMA**

CAIL, CHARLES R	STILLWATER	SOIL SCIENTIST
COLLIER, TROY L	BUFFALO	SOIL SCIENTIST
FORD, JIMMY G	STILLWATER	STATE SOIL SCIENTIST
GELNAR, R D	CLINTON	SOIL SCIENTIST
GELNAR, RICHARD F	ALTUS	SOIL SCIENTIST
HABERER, JR, JOHN F	MCALESTER	SOIL SCIENTIST
MCCRIGHT, RICHARD T	CLAREMORE	SOIL SCIENTIST
MILLER, RANDALL J	ALTUS	SOIL SCIENTIST
SALISBURY, CLAY D	ALTUS	SOIL SCIENTIST
SAMPLE, GERALD A	STILLWATER	SOIL SCIENTIST
SCOTT, GREGORY F	WOODWARD	SOIL SCIENTIST
WILSON, R C	PERRY	SOIL SCIENTIST
WOODS JR, CARL E	BUFFALO	SOIL SCIENTIST

**OREGON**

BAIRD, BRANDI L	CORVALLIS	SOIL SCIENTIST
CAMPBELL, STEVEN B	PORTLAND	SOIL SCIENTIST
CLARK, THOMAS L	REDMOND	SOIL SCIENTIST
FILLMORE, MATTHEW H	CORVALLIS	SOIL SCIENTIST
GERIG, ALLEN J	BAKER CITY	SOIL SCIENTIST
HAAGEN, JOHN T	PORTLAND	SOIL SCIENTIST
JASPER, CHRISTOPHER D	TILLAMOOK	SOIL SCIENTIST
JOHNSON, DAVID R	SALEM	SOIL SCIENTIST



Name	Duty Location	Title
KELLER, MARK P	HINES	SOIL SCIENTIST
KIENZLE, R J	JOHN DAY	SOIL SCIENTIST
LANGRIDGE, RUSSELL W	PORTLAND	SOIL SCIENTIST
MACDONALD, GERALD D	REDMOND	SOIL SCIENTIST
MAKINSON, ALLEN J	TANGENT	SOIL SCIENTIST
MCGRATH, CHAD L	PORTLAND	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
REAMS, SUSAN L	CORVALLIS	SOIL SCIENTIST
REID, IAN J	PORTLAND	SOIL SCIENTIST
SCHNEIDER, SHARON L	PORTLAND	SOIL SCIENTIST
SHIPMAN, JOHN A	TILLAMOOK	SOIL SCIENTIST
THORSON, THOR D	PORTLAND	SOIL SCIENTIST
WEINHEIMER JR, GERALD	REDMOND	SOIL SCIENTIST
WINTHER, STANLEY C	JOHN DAY	SOIL SCIENTIST

### **PENNSYLVANIA**

CHIBIRKA, JOHN D	LIMERICK	SOIL SCIENTIST
CONDON, JENNIFER L	PLYMOUTH	SOIL SCIENTIST
CRAUL, TIMOTHY A	STATE COLLEGE	SOIL SCIENTIST
DADO, ALEX W	GREENSBURG	SOIL SCIENTIST
ECKENRODE, JOSEPH J	BELLEFONTE	SOIL SCIENTIST
ELLENBERGER, NED B	BEDFORD	SOIL SCIENTIST
HUDAK, JOHN R	HARRISBURG	SOIL SCIENTIST
KNIGHT, WILLIAM R	GREENSBURG	SOIL SCIENTIST
MCDEVITT JR, MICHAEL	STATE COLLEGE	SOIL SCIENTIST
RIVERS, PANOLA	HARRISBURG	SOIL SCIENTIST
WHITE JR, EDGAR A	HARRISBURG	STATE SOIL SCIENTIST

### **PUERTO RICO**

LUGO, JORGE L	MAYAGUEZ	SOIL SCNTS
RIOS, SAMUEL	MAYAGUEZ	SOIL SCIENTIST
SANTIAGO, CARMEN L	HATO REY	STATE SOIL SCIENTIST

### **RHODE ISLAND**

PASHNIK, JACQUELINE G	WARWICK	SOIL SCIENTIST
STUART, EVERETT C	WARWICK	SOIL SCIENTIST

### **SOUTH CAROLINA**

BREWINGTON, MICHAEL L	YORK	SOIL SCIENTIST
DEFRANCESCO, DENNIS J	GREENVILLE	SOIL SCIENTIST
EPPINETTE, ROBERT T	WALTERBORO	SOIL SCIENTIST

Name	Duty Location	Title
FOWLER, RANDALL K	CHARLESTON	SOIL SCIENTIST
HOLSONBACK JR, H E	LAURENS	SOIL SCIENTIST
MANN, MARK A	CHARLESTON	SOIL SCIENTIST
MITCHELL JR, CLEVELAN	COLUMBIA	SOIL SCIENTIST
MORTON, RONALD	FLORENCE	SOIL SCIENTIST
OGG, CHARLES M	BISHOPVILLE	SOIL SCIENTIST
STUCKEY JR, BENJAMIN	COLUMBIA	STATE SOIL SCIENTIST

### **SOUTH DAKOTA**

ASSMUS, ROGER J	PIERRE	SOIL SCIENTIST
BACHMAN, WAYNE J	CANTON	SOIL SCIENTIST
BOND, RALPH E	REDFIELD	SOIL SCIENTIST
BRADY, DANIEL J	RAPID CITY	SOIL SCIENTIST
COOLEY, KENT E	RAPID CITY	SOIL SCIENTIST
KEMPTON, KIM D	WEBSTER	SOIL SCIENTIST
KUNZE, BRUCE O	BROOKINGS	SOIL SCIENTIST
MILLAR, JAMES B	REDFIELD	SOIL SCIENTIST
PRESTON, EUGENE E	SIOUX FALLS	SOIL SCIENTIST
SCHAAR, JEROME M	HURON	STATE SOIL SCIENTIST
SCHAEFER JR, WALTER T	RAPID CITY	SOIL SCIENTIST
SCHULTZ, LOREN D	ABERDEEN	SOIL SCIENTIST
SCHUMACHER, THOMAS M	MITCHELL	SOIL SCIENTIST
SHURTLIFF, DANIEL R	HURON	SOIL SCIENTIST
VIALLE, REGIS L	REDFIELD	SOIL SCIENTIST
WESTERMAN, JAMES W	RAPID CITY	SOIL SCIENTIST
WINTER, STEVEN D	REDFIELD	SOIL SCIENTIST

### **TENNESSEE**

BRASFIELD, DEBRA K	COLUMBIA	SOIL SCIENTIST
CLENDENON, DOUGLAS F	CENTERVILLE	SOIL SCIENTIST
CONNER, CLARENCE T	CLINTON	SOIL SCIENTIST
DAVIS, CHARLES L	JACKSON	SOIL SCIENTIST
DAVIS, HARRY C	WARTBURG	SOIL SCIENTIST
HARTGROVE, NATHAN T	JONESBORO	SOIL SCIENTIST
KHIEL, ANTHONY R	SEVIERVILLE	SOIL SCIENTIST
KRANTZ, GABE S	LIVINGSTON	SOIL SCIENTIST
LIVINGSTON, RICHARD L	DAYTON	SOIL SCIENTIST
LOFTIS III, WILLIAM R	WARTBURG	SOIL SCIENTIST
MCCOWAN, CARLIE	LIVINGSTON	SOIL SCIENTIST
MCMILLEN, DAVID C	DICKSON	SOIL SCIENTIST
NEWTON, DARWIN L	NASHVILLE	STATE SOIL SCIENTIST
OLIVER, MELISSA C	DAYTON	SOIL SCIENTIST
PRATER, JERRY L	SPARTA	SOIL SCIENTIST
THOMAS, DAVID W	CENTERVILLE	SOIL SCIENTIST

Name	Duty Location	Title
<b>TEXAS</b>		
ATTEBURY, JIM K	LUBBOCK	SOIL SCIENTIST
BAUCHERT, JAMES A	DUMAS	SOIL SCIENTIST
BOLIN, JOEL D	NACOGDOCHES	SOIL SCIENTIST
BREZINA, DENNIS N	ROBSTOWN	SOIL SCIENTIST
BROUSSARD DUNN, MARY	ROSENBERG	SOIL SCIENTIST
BROWN JR, SAMUEL E	TEMPLE	SOIL SCIENTIST
BYRD, THOMAS C	LUBBOCK	SOIL SCIENTIST
CASBY HORTON, SUSAN M	LUBBOCK	SOIL SCIENTIST
CASTILLE, JOSEPH J	HUNTSVILLE	SOIL SCIENTIST
CHAVEZ, DANIEL	EL PASO	SOIL SCIENTIST
CHERVENKA, WOODROW G	BRYAN	SOIL SCIENTIST
CLAUSEN, JAMES A	MARFA	SOIL SCIENTIST
CRENWELGE, GERALD W	LUBBOCK	SOIL SCIENTIST
CRENWELGE, WILFRED E	LUBBOCK	SOIL SCIENTIST
CYPRIAN, THOMAS E	GRAHAM	SOIL SCIENTIST
DOUGLASS, II, JAMES A	VICTORIA	SOIL SCIENTIST
DOWELL III, G S	SAN ANGELO	SOIL SCIENTIST
DUNN, SHANNA M	ROBSTOWN	SOIL SCIENTIST
GABRIEL, WAYNE J	TEMPLE	SOIL SCIENTIST
GOLDEN, MICHEAL L	TEMPLE	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
GORDON, JAMES A	VERNON	SOIL SCIENTIST
GRAY, LYNN D	NACOGDOCHES	SOIL SCIENTIST
GREENWADE, JAMES M	TEMPLE	SOIL SCIENTIST
GRIFFIN, EDWARD L	TEMPLE	SOIL SCIENTIST
GRIFFITH, KIRBY L	NACOGDOCHES	SOIL SCIENTIST
HAILE, NATHAN I	LEXINGTON	SOIL SCIENTIST
HOLLAND, PAUL D	ROBSTOWN	SOIL SCIENTIST
JURENA, MAURICE R	LEXINGTON	SOIL SCIENTIST
KINIRY, LAURIE N	TEMPLE	SOIL SCIENTIST
LAMBERT, RICKY E	BEAUMONT	SOIL SCIENTIST
LOOMIS, LYNN E	MARFA	SOIL SCIENTIST
MILLER, WESLEY L	VICTORIA	SOIL SCIENTIST
MOLINA, RAMIRO	CORPUS CHRISTI	SOIL SCIENTIST
NEITSCH, CONRAD L	TEMPLE	SOIL SCIENTIST
PAULSON, SIDNEY C	GRAHAM	SOIL SCIENTIST
RESSEL, DENNIS D	VERNON	SOIL SCIENTIST
RHODES, ROBERT S	KENEDY	SOIL SCIENTIST
RISINGER, WILLIAM M	TEMPLE	SOIL SCIENTIST
RIVES, JERRY L	PECOS	SOIL SCIENTIST
ROLONG, NELSON A	MARFA	SOIL SCIENTIST
SABO, DONALD J	LINDEN	SOIL SCIENTIST
STAHNKE, ALAN L	ROBSTOWN	SOIL SCIENTIST
STEPTOE JR, LEVI	NACOGDOCHES	SOIL SCIENTIST

Name	Duty Location	Title
TERRELL, ALAN C	TEMPLE	SOIL SCIENTIST
WAGNER, JOHN D	ROSENBERG	SOIL SCIENTIST
WIEDENFELD, JONATHAN	ROSENBERG	SOIL SCIENTIST

### UTAH

BRODERSON, WILLIAM D	SALT LAKE CITY	STATE SOIL SCIENTIST
FISH, ROBERT H	ROOSEVELT	SOIL SCIENTIST
GROW, RAYMOND J	MURRAY	SOIL SCIENTIST
JAROS, RICHARD S	CEDAR CITY	SOIL SCIENTIST
KIENAST, SUZANN	LOGAN	SOIL SCIENTIST
LEISHMAN, GARTH W	ROOSEVELT	SOIL SCIENTIST
LEWIS, RANDY J	TREMONTON	SOIL SCIENTIST
PARSLOW, VICTOR L	RICHFIELD	SOIL SCIENTIST
SASSER, LELAND D	PRICE	SOIL SCIENTIST
SUTCLIFFE, KENT D	CEDAR CITY	SOIL SCIENTIST
TRICKLER, DARRYL L	MURRAY	SOIL SCIENTIST

### VIRGINIA

ADKINS, THOMAS D	LEBANON	SOIL SCIENTIST
CONNER, ROBERT K	BLAND	SOIL SCIENTIST
COOK, MARYELLEN M	LEXINGTON	SOIL SCIENTIST
CROWNER, DANIEL J	HARRISONBURG	SOIL SCIENTIST
DIXON, JOANNE B	PETERSBURG	SOIL SCIENTIST
DUBEE, BRUCE C	RICHMOND	SOIL SCIENTIST
EASTHAM, DABNEY H	HALIFAX	SOIL SCIENTIST
FABIAN, CHRISTOPHER J	ROCKY MOUNT	SOIL SCIENTIST
FREYMAN, JEANNINE C	BLACKSBURG	SOIL SCIENTIST
GARST, FREDRICK M	HARRISONBURG	SOIL SCIENTIST
GILLISPIE JR, HERBERT	HALIFAX	SOIL SCIENTIST
HAMMER, GREGORY A	CHESAPEAKE	SOIL SCIENTIST
HARPER JR, JOHN D	LAWRENCEVILLE	SOIL SCIENTIST
HEIDEL, LOUIS W	HARRISONBURG	SOIL SCIENTIST
KRIZ, DAVID M	RICHMOND	STATE SOIL SCIENTIST
NICHOLSON, JOHN C	FARMVILLE	SOIL SCIENTIST
QUESENBERRY, JERRY S	SMITHFIELD	SOIL SCIENTIST
SAWYER, JAMES H	CULPEPER	SOIL SCIENTIST
STONEMAN, BRUCE E	RICHMOND	SOIL SCIENTIST
THOMAS, JEFFREY R	GATE CITY	SOIL SCIENTIST
VAN LEAR, MARK A	ROCKY MOUNT	SOIL SCIENTIST
WAGNER, DAVID F	GRUNDY	SOIL SCIENTIST
WOLF, BARRIE L	WARM SPRINGS	SOIL SCIENTIST

Name	Duty Location	Title
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### VERMONT

ALVES, CAROLINE M	WILLISTON	SOIL SCIENTIST
DEKETT, ROGER G	SAINT JOHNSBURY	SOIL SCIENTIST
GOURLEY, STEPHEN H	WINOOSKI	STATE SOIL SCIENTIST
GRAYSON, CARINTHIA A	NEWPORT	SOIL SCIENTIST
LONG, ROBERT F	NEWPORT	SOIL SCIENTIST
SIMS, ZACHARY R	WINOOSKI	SOIL SCIENTIST (GIS SPECIALIST)
STUART, MARTHA H	WHITE RIVER JCTN	SOIL SCIENTIST
VILLARS, THOMAS R	WHITE RIVER JCTN	SOIL SCIENTIST

### WASHINGTON

BRINCKEN, EDWARD A	TAHOLAH	SOIL SCIENTIST
GEHRING, DOUGLAS W	OKANOGAN	SOIL SCIENTIST
GENTRY, HERMAN R	ELLENSBURG	SOIL SCIENTIST
HIPPLE, KARL W	SPOKANE	NATURAL RESOURCES ASSESSMENT TEAM LEADER (STATE SOIL SCIENTIST)
MILLER, CHRISTOPHER S	SPOKANE	SOIL SCIENTIST
MULLER, EVA M	SPOKANE	SOIL SCIENTIST
MYHRUM, RONALD P	SPOKANE	SOIL SCIENTIST
NATSUHARA, CHARLES S	PUYALLUP	SOIL SCIENTIST
RANEY, RONALD J	EPHRATA	SOIL SCIENTIST
WHITE, DEAN L	SPOKANE	SOIL SCIENTIST

### WEST VIRGINIA

BELL, JAMES W	MARTINSBURG	SOIL SCIENTIST
CARPENTER, STEPHEN G	MORGANTOWN	STATE SOIL SCIENTIST/ MLRA OFFICE LEADER
CLARY, M K	ASHEVILLE	SOIL SCIENTIST
COLE, CARLOS P	RIPLEY	SOIL SCIENTIST
DELP, CHARLES H	SUMMERSVILLE	SOIL SCIENTIST
DILLIPLANE, TIMOTHY A	POINT PLEASANT	SOIL SCIENTIST
DOBOS, ROBERT R	MORGANTOWN	SOIL SCIENTIST
ESTEPP, RONALD	MOOREFIELD	SOIL SCIENTIST
FLEGEL, DONALD G	WHITE SULPHUR SPGS	SOIL SCIENTIST
HOOVER, SCOTT L	MIDDLEBOURNE	SOIL SCIENTIST
JENKINS, ANTHONY B	SUMMERSVILLE	SOIL SCIENTIST
JENKINS, JOHNSON C	NASHVILLE	SOIL SCIENTIST
JONES, RICHARD D	HAMLIN	SOIL SCIENTIST
KINGSBURY, DAVID H	MORGANTOWN	SOIL SCIENTIST
NOLL, WENDY J	MORGANTOWN	SOIL SCIENTIST

Name	Duty Location	Title
PATE, ROBERT N	BECKLEY	SOIL SCIENTIST
PYLE, ROY E	MORGANTOWN	SOIL SCIENTIST
TEETS, STEVEN J	WHITE SULPHUR SPGS	SOIL SCIENTIST
TOPALANCHIK, ALEX R	MORGANTOWN	SOIL SCIENTIST

### WISCONSIN

ANDERSON, DEANNA M	EAU CLAIRE	SOIL SCIENTIST
BARNES, JAMES R	RHINELANDER	SOIL SCIENTIST
BOELTER, JOSEPH M	PHILLIPS	SOIL SCIENTIST
BONACK, TINA M	PHILLIPS	SOIL SCIENTIST
CAMPBELL, JOHN E	MADISON	SOIL SCIENTIST
DAHL, ROGER A	EAU CLAIRE	SOIL SCIENTIST
EICHNER, STACY S	LADYSMITH	SOIL SCIENTIST
ELG, ANGELA M	PHILLIPS	SOIL SCIENTIST
FERREN GUY, DONNA E	SPARTA	SOIL SCIENTIST
FIALA, WILLIAM D	LADYSMITH	SOIL SCIENTIST
GAFVERT, ULF B	ASHLAND	SOIL SCIENTIST
GUNDLACH, HOWARD F	MADISON	SOIL SCIENTIST
HVIZDAK, DAVID J	SPOONER	SOIL SCIENTIST
JOHANNES, RICHARD M	EAU CLAIRE	SOIL SCIENTIST
KROLL, TERRY L	ASHLAND	SOIL SCIENTIST
KRUPINSKI, MARK A	SPOONER	SOIL SCIENTIST
LUCASSEN, JOHN A	ASHLAND	SOIL SCIENTIST
MAZIASZ, JENNIFER L	ASHLAND	SOIL SCIENTIST
MEYER III, THERON A	EAU CLAIRE	SOIL SCIENTIST
MEYER, PHILLIP D	RICHLAND CENTER	SOIL SCIENTIST
MILAND, TIMOTHY J	EAU CLAIRE	SOIL SCIENTIST
NATZKE, LARRY L	EAU CLAIRE	SOIL SCIENTIST
OMERNIK, DAVID L	RICHLAND CENTER	SOIL SCIENTIST
OTTO, MATTHEW R	RICHLAND CENTER	SOIL SCIENTIST
ROBERTS, DAVID C	MADISON	SOIL SCIENTIST
SCHAEFERS, PATRICK E	LADYSMITH	SOIL SCIENTIST
SIMETH, FRED J	SPOONER	SOIL SCIENTIST
SIMONSON, DUANE T	RICHLAND CENTER	SOIL SCIENTIST
TALSKY, JEFF C	SPOONER	SOIL SCIENTIST
TRAASTAD, KEVIN C	PHILLIPS	SOIL SCIENTIST
TURK, JESSE M	ASHLAND	SOIL SCIENTIST
VOGEL, CHANC L	RICHLAND CENTER	SOIL SCIENTIST
VOIGTLANDER, ARTHUR L	LADYSMITH	SOIL SCIENTIST
WACKER, CARL E	MADISON	STATE SOIL SCIENTIST

Name	Duty Location	Title
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### WYOMING

CARR, TODD A	DOUGLAS	SOIL SCIENTIST
EVANS, ERNEST L	RIVERTON	SOIL SCIENTIST
GUSTAFSON, THOMAS A	RIVERTON	SOIL SCIENTIST
HAYS, BRUCE E	GILLETTE	SOIL SCIENTIST
JELDEN, STEVEN J	CASPER	SOIL SCIENTIST
KEE JR, GORDON F	DOUGLAS	SOIL SCIENTIST
LENO, MICHAEL R	DOUGLAS	SOIL SCIENTIST
PRINK, CRAIG A	GILLETTE	SOIL SCIENTIST
RECKNER, RONALD L	PINEDALE	SOIL SCIENTIST
SCHAAD, MELINDA S	RIVERTON	SOIL SCIENTIST
SCHROEDER, DARRELL L	CASPER	STATE SOIL SCIENTIST
STEVENSON, ABE	CHEYENNE	SOIL SCIENTIST
WHITE, RANDALL W	GILLETTE	SOIL SCIENTIST

### INSTITUTES

BROWN, LEANDER L	LAUREL	SOIL SCIENTIST
MCQUAID, BETTY F	RALEIGH	SOIL SCIENTIST
PRINGLE, RUSSELL F	BATON ROUGE	SOIL SCIENTIST
WHITED, P M	AMHERST	SOIL SCIENTIST

### INFORMATION TECHNOLOGY CENTER

AHO, TERRY L	FORT COLLINS	SOIL SCIENTIST
ANDERSON, DAVID L	FORT COLLINS	SUPVY SOIL SCIENTIST
HARWARD, KENNETH E	FORT COLLINS	SOIL SCIENTIST

### NATIONAL CARGOGRAPHY & GEOSPATIAL CENTER

BROOKOVER, JENNIFER J	FORT WORTH	SOIL SCIENTIST
CAMPBELL, EDWARD B	FORT WORTH	SOIL SCIENTIST
DANIELS, WAYLON D	FORT WORTH	SOIL SCIENTIST
OWENS, HOMER D	FORT WORTH	SOIL SCIENTIST
SCHRAMM, MICHAEL K	FORT WORTH	SOIL SCIENTIST



Name	Duty Location	Title
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**NATIONAL HEADQUARTERS – WASHINGTON, D.C.**

CALHOUN, THOMAS E	WASHINGTON	SOIL SCIENTIST
CLARKE, CHRISTINE S	BELTSVILLE	SOIL SCIENTIST
ESWARAN, HARIHARAN	WASHINGTON	SOIL SCIENTIST
KUNICKIS, SHERYL H	WASHINGTON	SOIL SCIENTIST
LEVIN, MAXINE J	WASHINGTON	SOIL SCIENTIST
MAUSBACH, MAURICE J	WASHINGTON	DEPUTY CHIEF FOR SOIL SURVEY AND RESOURCE ASSESSMENT
SCHELLENTRAGER, GREGG	ATLANTA	SOIL SCIENTIST
SMALLWOOD, BENJAMIN F	WASHINGTON	SOIL SCIENTIST
SMITH, DAVID W	SACRAMENTO	SOIL SCIENTIST
SMITH, HORACE	WASHINGTON	DIRECTOR, SOIL SURVEY DIVISION
SOBECKI, TERRENCE M	WASHINGTON	SOIL SCIENTIST
VRANA, JON D	WASHINGTON	SOIL SCIENTIST
WARD, BOBBY J	FORT WORTH	SOIL SCIENTIST
WARE JR, JAMES H	WASHINGTON	SOIL SCIENTIST
WETTSTEIN, CAROL A	WASHINGTON	SOIL SCIENTIST

**NATIONAL SOIL SURVEY CENTER – LINCOLN, NE**

AHRENS, ROBERT J	LINCOLN	DIRECTOR
BENHAM, ELLIS C	LINCOLN	RESEARCH SOIL SCIENTIST
BIGLER, RICKY J	LINCOLN	SOIL SCIENTIST
BURT, REBECCA	LINCOLN	RESEARCH SOIL SCIENTIST
CULVER, JAMES R	LINCOLN	NATIONAL LEADER, TECHNICAL SOIL SERVICES
DOOLITTLE, JAMES A	NEWTOWN SQUARE, PA	RESEARCH SOIL SCIENTIST
ENGEL, ROBERT J	LINCOLN	SOIL SCIENTIST
FORTNER, JIM R	LINCOLN	SOIL SCIENTIST
FRANKS, CAROL D	LINCOLN	RESEARCH SOIL SCIENTIST
GROSSMAN, ROBERT B	LINCOLN	RESEARCH SOIL SCIENTIST
HARMS, DEBORAH S	LINCOLN	SOIL SCIENTIST
HUDSON, BERMAN D	LINCOLN	NATIONAL LEADER, SOIL INTERPRETATIONS
HURT, GILBERT W	OCALA, FL	SOIL SCIENTIST
KAISAKI, FREDERICK M	LINCOLN	SOIL SCIENTIST
KELSEA, RUSSELL J	LINCOLN	SOIL SCIENTIST
KIMBLE, JOHN M	LINCOLN	SOIL SCIENTIST-RESEARCH
LOCKRIDGE, EARL D	LINCOLN	SOIL SCIENTIST
LUBICH, KENNETH W	MADISON, WI	SOIL SCIENTIST
LYNN, WARREN C	LINCOLN	RESEARCH SOIL SCIENTIST



Name	Duty Location	Title
MAYS, MAJOR D	LINCOLN	HEAD, SOIL SURVEY LABORATORY
MINZENMAYER, FRED E	FORT WORTH	SOIL SCIENTIST
MOUNT, HENRY R	LINCOLN	SOIL SCIENTIST
MUCKEL, GARY B	LINCOLN	SOIL SCIENTIST
NETTLETON, WILEY D	LINCOLN	RESEARCH SOIL SCIENTIST
NIELSEN, ROBERT D	LINCOLN	SOIL SCIENTIST
OLSON, CAROLYN G	LINCOLN	NATIONAL LEADER, SOIL INVESTIGATIONS
PAETZOLD, RONALD F	LINCOLN	RESEARCH SOIL SCIENTIST
PULLMAN, RICHARD L	LINCOLN	SOIL SCIENTIST
REEDY, THOMAS E	LINCOLN	SOIL SCIENTIST
REINSCH, THOMAS G	LINCOLN	SOIL SCIENTIST
SAMSON LIEBIG, SUSAN	MANDAN, ND	SOIL SCIENTIST
SCHEYER, JOYCE M	LINCOLN	SOIL SCIENTIST
SCHOENEBERGER, PHILIP	LINCOLN	RESEARCH SOIL SCIENTIST
SINCLAIR JR, H R	LINCOLN	SOIL SCIENTIST
WALTMAN, SHARON W	LINCOLN	SOIL SCIENTIST
WILSON, MICHAEL A	LINCOLN	RESEARCH SOIL SCIENTIST
WYSOCKI, DOUGLAS A	LINCOLN	RESEARCH SOIL SCIENTIST

### SOIL QUALITY INSTITUTE

DITZLER, CRAIG A	AMES	DIRECTOR
NORFLEET, MARTIN L	AUBURN	SOIL SCIENTIST
SEYBOLD, CATHY A	CORVALLIS	SOIL SCIENTIST
TUGEL, ARLENE J	LAS CRUCES	SOIL SCIENTIST

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6/11/96

SCS Cartographic Units and Heads  
1935-199 **2012**

Albuquerque, NM Region 8 then Region 6  
Established 6/30/35 closed 1956  
Ava C. Blakly( Craig) 1935-1942  
Charles W. Koechley 1942-1951  
Joseph L. Bryson 1951-1956

Indiana, Pa. established 9/19/35 Region 1  
Williamsport Pa. made permanent 1935-1938  
Upper Darby Pa. moved to 6/16/38 - 1954  
Beltsville, Md 1954-1963  
Hyattsville Md 1963-1979  
Lanham Md 1979-1982  
John J. McKechnie (Walter Hunt acting WWII) 1935-1954  
Hank A. Homan 1954-1969  
Jerry Gockowski 1969-1971  
Jim Jacobson 1971-1978  
Ed Riekert 1978-1981  
Gene Johnson 1981-1982

Spartanburg SC Established 9/19/35 closed 1977 Region 2  
regional map services moved to FT. Worth 1966  
F.M. Orsini 1935-1951  
Charles Koechley 1951-1956  
Joseph L. Bryson 1956-1965  
Ed Gresham 1965-1971  
Ben Bagrowski 1971-1977

Ft Worth TX Established 9/30/35 open 1996 Region 4  
Hal Wallace 1935-1951  
Dr. Harold L. Dean 1951-1972  
Willis R. Melstrom 1972-1978  
Jim Jacobson 1978-1984  
Dick Folsche 1984-1999  
**Tommie Parham 2000-2008**  
**Jerry Harlow 2009-2009**  
**Tommie Parham 2010-Present**

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Amarillo Tx Established 10/21/35 closed 1942 Region 6  
Open to service the dust bowl areas of CO, KS, NM, OK, and TX.  
Don Woodyard 1935-1939?  
Charles W. Koechley 1939-1942

Santa Paula, CA Established 10/2 /35  
Berkeley, Ca moved to 5/15/39 and closed 1939 Region 10

Spokane, WA Established 10/21/35 closed 1982 Region 11  
Portland, OR moved to 7/1/42 -1982  
Wesley L. Ellis 1935-1969  
Henry A. Homan 1969-1971?  
Robert Wilson 1971-1974  
Donnel Stelling 1974-1982