



# ORGANIC FARMING RESEARCH FOUNDATION

The Organic Farming Research Foundation was founded in 1990 to foster the improvement and widespread adoption of organic farming practices. Our mission is to sponsor research related to organic farming, to disseminate research results to organic farmers and to growers interested in adopting organic production systems, and to educate the public and decision-makers about organic farming issues.

Since 1990, OFRF has awarded 268 grants totaling **over \$2 million** in support of organic farming research and education projects. Following is a complete list of our competitive and donor-directed grants made since 1990. OFRF's competitive grant application process is open to anyone choosing to apply—farmers, researchers, organic advocacy organizations, and other individuals or entities. Donor-directed funding is established through a memorandum of understanding between the recipient individual or agency and OFRF. For a copy of OFRF's *Request for Proposals* or for a list of available project results, go to our web site, [www.ofrf.org](http://www.ofrf.org), or contact OFRF at PO Box 440, Santa Cruz, CA 95061-0440, tel 831-426-6606, fax 831-426-6670, e-mail [info@ofrf.org](mailto:info@ofrf.org).

## OFRF Grants Awarded, 1990-2008

### SPRING 2008

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Total in Competitive Grants: \$211,805

#### **Nancy Allen**

**Tilth Producers of Washington**

**Seattle, Washington** \$6,100

Tilth Producers of Washington Farm Walk Program.

#### **Miguel Altieri**

**University of California**

**Berkeley, California** \$14,980

Effectiveness of agroecological management in improving soil quality in California vineyards.

#### **Amy Charkowski**

**University of Wisconsin**

**Madison, Wisconsin** \$14,884

Organic certified seed potato production in the Midwest. Year 2.

#### **Dave Christensen**

**Seed We Need**

**Big Timber, Montana** \$14,555

Development of corn borer-resistant corn for organic farming systems. Year 3.

#### **Michaela Colley**

**Organic Seed Alliance**

**Port Townsend, Washington** \$13,614

Production guides for organic carrot, lettuce, and beet/chard seed.

#### **Bridget Cooke**

**Adelante Mujeres**

**Forest Grove, Oregon** \$8,000

Sustainable Organic Farming and Marketing Project.

#### **Lindsay Fernandez-Salvador**

**University of Florida**

**Gainesville, Florida** \$7,304

Persistence of Florida's small-scale organic farms in the face of growing demand for organic products.

#### **Susan Fleugel**

**Grey Duck Garlic**

**Moscow, Idaho** \$10,362

Effectiveness and economic impact of weed control systems in organic garlic production.

#### **Deborah Henderson**

**E.S. Cropconsult**

**Vancouver, B.C., Canada** two-year award for \$27,475

Insect management tools for organic cranberry production in the Pacific Northwest.

In partnership with Stretch Island Fruit Company.

#### **Brent McCown**

**Center for Integrated Agricultural Systems**

**University of Wisconsin**

**Madison, Wisconsin** \$9,978

Organic apple conference calls: providing expert organic production advice for Upper Midwest growers.

In partnership with Stretch Island Fruit Company.

#### **Meg Moynihan**

**Minnesota Dept. of Agriculture**

**St. Paul, Minnesota** \$6,725

2007 Organic Farm Performance in Minnesota Report.

**Eric Nelson**  
**Cornell University**  
**Ithaca, New York** \$10,180  
Suppression of *Pythium* damping off with compost and vermicompost. Year 2.

**Curt Rom**  
**University of Arkansas**  
**Fayetteville, Arkansas** two-year award for \$38,209  
Off-season organic blackberry and raspberry production to expand markets and sustain farm profitability.  
In partnership with Stretch Island Fruit Company.

**Margaret Skinner**  
**University of Vermont**  
**Burlington, Vermont** \$14,968  
Fungi, predatory mites and guardian plants for thrips IPM in organic greenhouse ornamentals.

**Sean Swezey**  
**University of California**  
**Santa Cruz, California** \$14,471  
Integrating biological control with trap crop management in California organic strawberries. Year 2. In partnership with Stretch Island Fruit Company.

**FALL 2007** \_\_\_\_\_  
Total in Competitive Grants: \$116,020

**Robert Hadad**  
**Cornell Regional Vegetable Program**  
**Lockport, New York** \$5,547  
Investigating the use of buckwheat strips for the management of Colorado potato beetle in potato production and as an attractant of native pollinators for vine crops.

**Matthew Harbur**  
**Alfred State College**  
**Alfred, New York** \$11,664  
Weeds your way: strategies for organically managing weeds in central New York state.

**James Kotcon**  
**West Virginia University**  
**Morgantown, West Virginia** \$13,937  
Biological control of root lesion nematodes with *Pasteuria* spp.

**George Kuepper**  
**Kerr Center for Sustainable Agriculture**  
**Poteau, Oklahoma** \$8,800  
An organic farmers' guide to value-added production.

**Jennifer Miller**  
**Northwest Coalition for Alternatives to Pesticides**  
**Boise, Idaho** \$12,240  
Prioritizing research, education and regulatory pest management needs of organic potato farmers through participatory strategic planning.

**Jeffrey Moyer**  
**Rodale Institute Experimental Farm**  
**Kutztown, Pennsylvania** \$15,000  
On-farm management of cutworms in organic no-till corn.

**Kevin Murphy**  
**Washington State University**  
**Pullman, Washington** \$11,500  
Integrating cultivar, soil and environment to develop regional value-added wheat crops with enhanced nutrient value.

**Suzanne O'Connell**  
**North Carolina State University**  
**Raleigh, North Carolina** \$11,174  
Grafting tomatoes on disease resistant rootstocks for small-scale organic production systems.

**Gary Peterson**  
**ALBA Organics**  
**Salinas, California** \$12,758  
Updating and translating ALBA's Small Farmer Education Program.

**Alice Rolls**  
**Georgia Organics**  
**Atlanta, Georgia** \$13,400  
Organic farming curriculum project.

**SPRING 2007** \_\_\_\_\_  
Total in competitive grants: \$90,041

**Rebecca Chaplin-Kramer**  
**University of California**  
**Berkeley, California** \$8,770  
Determining habitat requirements for natural enemies of crop pests.

**Amy Charkowski**  
**University of Wisconsin**  
**Madison, Wisconsin** \$14,600  
Organic certified seed potato production in the Midwest. Year 1. Funded in partnership with EPA Region 5.

**Dave Christensen**  
**Seed We Need**  
**Big Timber, Montana** \$14,970  
Development of corn borer-resistant corn for organic farming systems. Year 2.

**Michaela Colley**  
**Organic Seed Alliance**  
**Port Townsend, Washington** \$11,834  
Establishing breeding populations for organic broccoli, sweet corn, and red kale varieties.

**Edward DePeters**  
**University of California**  
**Davis, California** \$15,000  
Healthy components in organic milk: oligosaccharides, vitamins and omega-3 fatty acids make organic milk unique in healthy diets.

**Eric B. Nelson**  
**Cornell University**  
**Ithaca, New York** \$10,019  
Suppression of *Pythium* damping off with compost and vermicompost. Year 1.

**Sean Swezey**  
**University of California**  
**Santa Cruz, California** \$14,848  
Integrating biological control with trap crop management in California organic strawberries.

**SPRING 2006**  
Total in competitive grants: \$48,620

**Helen Atthowe**  
**Biodesign Farm**  
**Stevensville, Montana** \$6,258  
Agroecosystem approach: managing annual and perennial weeds in organic, minimum-till vegetable production.  
Funded in partnership with EPA Region 8

**Dave Christensen**  
**Seed We Need**  
**Big Timber, Montana** \$8,350  
Development of corn borer-resistant corn for organic farming systems. Year 1. Funded in partnership with EPA Region 8

**Walter Goldstein**  
**Michael Fields Agricultural Institute**  
**East Troy, Wisconsin** \$12,000  
Methods to breed field corn that competes better with weeds on organic farms. Funded in partnership with EPA Region 5

**Brian McSpadden-Gardener**  
**Ohio State University**  
**Wooster, Ohio** \$9,584  
Evaluating the efficacy, interest, and legitimacy of farm-specific biological control inoculants for the control of soilborne diseases by organic farmers.  
Funded in partnership with EPA Region 5

**Frank Stonaker**  
**Colorado State University**  
**Ft. Collins, Colorado** \$12,428  
Evaluation of screened high tunnels for production of organic vegetables in Colorado. Funded in partnership with EPA Region 8

**SPRING 2005**  
Total in competitive grants: \$26,881

**Whitney Cranshaw**  
**Colorado State University**  
**Ft. Collins, Colorado** \$8,250  
Development of *Polistes dominulus* as a biological control for insects in agricultural areas. Funded in partnership with EPA Region 8

**Fabian Menalled**  
**Montana State University**  
**Bozeman, Montana** \$4,874  
Assessing the importance of weed diversity in organic wheat fields. Funded in partnership with EPA Region 8

**Brian McSpadden-Gardener**  
**Ohio State University**  
**Wooster, Ohio** \$13,757  
Development of farm-specific biocontrol seed treatments for corn and soybeans. Funded in partnership with EPA Region 5

**FALL 2004**  
Total in competitive grants: \$88,677

**Miguel Altieri**  
**University of California**  
**Berkeley, California** \$14,670  
Organic conservation tillage systems for family farmers in Brazil: understanding agroecological mechanisms for scaling up the technology.

**Anita Azarenko**  
**Oregon State University**  
**Corvallis, Oregon** \$14,618  
Does ecological soil management in an organic production system improve function of sweet cherry tree?  
Funded in partnership with Gerber Products Company

**Eric Biderman**  
**Fat Duck Farm**  
**Ribera, New Mexico** \$9,270  
Integrating annual vegetables and pastured livestock for soil fertility.

**Eric Brennan**  
**USDA Agricultural Research Service**  
**Salinas, California** \$14,700  
The effect of cover crop seeding rate, planting arrangement, and mixture composition on cover crop performance and weed management on organic vegetable farms on the Central Coast of California. Year 2. Funded in partnership with EPA Region 9

**Ronald Hammond**  
**Ohio State University**  
**Wooster, Ohio** \$9,418  
Evaluation of glandular-haired, potato leafhopper resistant alfalfa for organic farming systems. Funded in partnership with EPA Region 5

**Perry Miller**  
**Montana State University**  
**Bozeman, Montana** \$12,742  
Water use efficient strategies for legume green manures in dryland organic cropping systems in the northern Great Plains.

**Stephen Pedersen**  
**High Ground Organics**  
**Watsonville, California** \$6,434  
Weed control in summer cover crops on California's central coast. Funded in partnership with EPA Region 9

**Dale Rhoads**  
**Eschatia Farms**  
**Nashville, Indiana** \$6,825  
On-farm testing of five organic weeding strategies in Indiana. Funded in partnership with EPA Region 5

**SPRING 2004** \_\_\_\_\_  
Total in competitive grants: \$108,098  
*One award of \$6,000 was declined by the grantee.*

**Edward Carey**  
**Kansas State University Research & Extension Center**  
**Olathe, Kansas** \$8,000  
Are organic vegetables more nutritious? Fresh and postharvest assessment of nutritional quality of organically- and conventionally- grown lettuce and other salad greens. Year 2.

**Matthew Dillon**  
**Organic Seed Alliance**  
**Port Townsend, Washington** \$10,068  
Public breeding for organic agriculture: screening for horizontal resistance to late blight in tomato.

**Allison Hornor**  
**Cornell University**  
**Ithaca, New York** \$8,203  
Detecting and monitoring human pathogens in vermicompost and compost tea. Year 2.

**Lamar Janes**  
**Community Conservation, Inc.**  
**Gay Mills, Wisconsin** \$4,000  
Organic dairy farming education project.

**Molly Jahn**  
**Cornell University**  
**Ithaca, New York** \$13,426  
Breeding an open-pollinated vegetable variety in an organic system: the Public Seed Initiative. Year 2.

**Stephen Jones**  
**Washington State Univ.**  
**Pullman, Washington** \$13,472  
Development of wheat varieties for organic farmers. Year 3.

**Alyson Mitchell**  
**University of California**  
**Davis, California** \$9,496  
A second-year comparison of several quality characteristics and secondary plant metabolites in tomatoes grown by organic and conventional practices.

**Anusuya Rangarajan**  
**Cornell University**  
**Ithaca, New York** \$5,429  
Trial of beneficial microbial seed treatments in organic farming systems.

**Mark Schonbeck**  
**Virginia Association for Biological Farming**  
**Floyd, Virginia** \$8,600  
Evaluation of frost-killed cover crop mulches for organic no-till production of spring vegetables on small farms.

**Linda Tikofsky**  
**Cornell University**  
**Ithaca, New York** \$14,134  
Longitudinal comparison of milk composition, quality and conjugated linoleic acid levels among three different management systems.

**Adam Zimmerman**  
**ShoreBank Enterprise Pacific**  
**Illwaco, Washington** \$13,270  
Evaluating the effects of pastured turkey production on parasite levels, fly levels, and pasture fertility on an organic dairy farm.

**FALL 2003** \_\_\_\_\_  
Total in competitive grants: \$63,209  
*One award of \$7,200 was declined by the grantee.*

**Kevin Athearn**  
**University of Florida**  
**Gainesville, Florida** \$6,500  
Economic research on organic citrus production and marketing in Florida.

**Jo Ann Baumgartner**  
**Wild Farm Alliance**  
**Watsonville, California** \$12,700  
 Conserving biodiversity through education of organic farmers, certifiers and NRCS.

**Sarah Kelley**  
**Earth Pledge**  
**New York, New York** \$10,000  
 Aerated compost tea and other alternative treatments for disease control in pumpkins.

**Jim Koan**  
**Almar Orchards**  
**Flushing, Michigan** \$3,094  
 A novel approach for the control of the dreaded plum curculio: biological extermination using guinea fowl.

**Denise McKinney**  
**North Carolina State University**  
**Raleigh, North Carolina** \$6,155  
 Can sorghum-sudangrass grown as a summer cover crop for organic no-till vegetable production double as a cash crop for the organic hay market?

**Joji Muramoto**  
**University of California**  
**Santa Cruz, California** \$9,385  
 Maintaining agroecosystem health in an organic strawberry/vegetable rotation system. Funded in partnership with EPA Region 9

**Tim Nissen**  
**Hartington, Nebraska** \$5,385  
 Nebraska organically grown grapes.

**Jason Norsworthy**  
**Clemson University**  
**Clemson, South Carolina** \$9,990  
 Weed suppression using Brassicaceae cover crops in organically grown peppers.

**SPRING 2003** \_\_\_\_\_  
 Total in competitive grants: \$114,512  
 Donor-directed support: \$20,000

**James Cox**  
**Apostrophe' Marketing**  
**Crested Butte, Colorado** (Donor-directed) \$20,000  
 Converting California's rice straw residue into ecological paper products.

**Jonda Crosby**  
**AERO**  
**Helena, Montana** \$6,000  
 Organic training for Montana's agricultural technical service providers.

**Laurie Drinkwater**  
**Cornell University**  
**Ithaca, New York** \$14,260  
 On-farm nutrient budget in organic cropping systems: a tool for soil fertility management. Year 2.

**Allison Hornor**  
**Cornell University**  
**Ithaca, New York** \$4,500  
 Brewing and handling vermicompost tea to avoid human and plant pathogens. Year 1.

**Molly Jahn**  
**Cornell University**  
**Ithaca, New York** \$10,210  
 Breeding an open-pollinated vegetable variety in an organic system: the Public Seed Initiative. Year 1.

**Jodi Johnson-Maynard**  
**University of Idaho**  
**Moscow, Idaho** \$13,885  
 Application of brassica meal for pest control and nitrogen fertility. Year 2. Funded in partnership with EPA Region 10

**Stephen Jones**  
**Washington State University**  
**Pullman, Washington** \$10,000  
 Development of wheat varieties for organic farmers. Year 2.

**Todd Kabaluk**  
**Pacific Agri-Food Research Centre**  
**Agassiz, B.C., Canada** \$6,150  
 Development of *Metarhizium anisopliae* as a biological control for wireworms in agricultural crops. Year 3.

**Ronald Morse**  
**Virginia Tech University**  
**Blacksburg, Virginia** \$4,300  
 Using high residue cover crop mulches for weed management in no-till organic potato production. Year 2.

**Larry Phelan**  
**Ohio State University**  
**Wooster, Ohio** \$14,839  
 Protein quality and soil quality relationships in organic corn-grain farming systems.

**Steve Scheuerell**  
**Oregon State University**  
**Corvallis, Oregon** \$9,404  
 Aerated compost tea for control of *Xanthomonas campestris* pv. Carotae, bacterial blight of carrot.  
Funded in partnership with EPA Region 10

**Abby Seaman**  
**New York State Ag. Experiment Station IPM Program**  
**Geneva, New York** \$5,660  
 Efficacy of OMRI-approved disease management products against fungal pathogens of tomato.

**Carol Shennan**  
**Center for Agroecology & Sustainable Food Systems**  
**University of California**  
**Santa Cruz, California** \$5,000  
Teaching direct marketing, community supported agriculture (CSA) and small farm planning: resources for instructors.

**Kathryn Sieving**  
**University of Florida**  
**Gainesville, Florida** \$3,130  
Intercropping to create local refugia for natural enemies of arthropod pests: flowers and birds in organic agroecosystems. Year 2.

**William Snyder**  
**Washington State University**  
**Pullman, Washington** \$7,174  
Integrating conservation of generalist predators and specialist parasitoids in Pacific Northwest organic vegetables. Funded in partnership with EPA Region 10

**FALL 2002** \_\_\_\_\_  
Total in competitive grants: \$83,880  
(*Note: Three additional grants totaling \$19,955 were awarded but then declined by the grantees.*)

**Eric Brennan**  
**USDA-Agricultural Research Service**  
**Salinas, California** \$14,360  
Cover crop seeding rate and planting arrangement effects on cover crop performance and weed management on organic vegetable farms on the Central Coast of California. Year 1. Funded in partnership with EPA Region 9

**Edward Carey**  
**Kansas State University Research & Extension Center**  
**Olathe, Kansas** \$8,000  
Are organic vegetables more nutritious? Fresh and postharvest assessment of nutritional quality of organically- and conventionally-grown lettuce and other salad greens. Year 1.

**Jeanine Davis**  
**North Carolina State University**  
**Mountain Horticultural Crops R&E Center**  
**Fletcher, North Carolina** \$2,500  
The integration of foliar applied seaweed and fish products into the fertility management of organically grown sweet peppers

**Rex Dufour**  
**NCAT/ATTRA**  
**Davis, California** \$6,999  
Biointensive and organically acceptable pest management literacy training.

**Steve Ela**  
**Silver Spruce Orchards**  
**Hotchkiss, Colorado** \$7,680  
Effects of organic alternatives for weed control and ground cover management on tree fruit growth, development, and productivity. Year 3. Funded in partnership with EPA Region 8

**Caragh Fitzgerald**  
**Maryland Cooperative Extension**  
**Ellicott City, Maryland** \$9,360  
New cover crops and cover crop management for organic vegetable producers in Maryland. Year 2.

**Craig Hassel**  
**University of Minnesota**  
**St. Paul, Minnesota** \$5,000  
Improving the quality of Minnesota grown, organic medicinal herbs. Funded in partnership with Frontier Natural Products Cooperative

**Charles Martin**  
**New Mexico State University**  
**Sustainable Agriculture Science Center**  
**Alcalde, New Mexico** \$7,133  
Irrigation requirements and weed control methods for organic medicinal herb production in New Mexico. Funded in partnership with Frontier Natural Products Cooperative

**Frank Morton**  
**Shoulder to Shoulder Farm**  
**Philmouth, Oregon** \$8,978  
Whole system seed: crop breeding for sustainable agriculture. Year 2.

**Ron and Maria Rosmann**  
**Rosmann Family Farms**  
**Harlan, Iowa** \$13,870  
Feeding beef cattle to produce a healthier and highly acceptable beef.

**SPRING 2002** \_\_\_\_\_  
Total in competitive grants: \$105,348

**Athanasios Alexandrou**  
**Ohio State University**  
**Wooster, Ohio** \$9,501  
Evaluation of in-row weed cultivators in organic soybeans and corn.

**Neda Diab**  
**University of Maryland**  
**College Park, Maryland** \$10,000  
Targeted mowing to increase allelopathy in rye cover crop. Year 2.

**Ramona Faust**  
**Harrop-Procter Community Cooperative**  
**Procter, B.C., Canada** \$10,740  
The effect of nitrogen fertilizer on active ingredients in cultivated medicinal and culinary herbs. Funded in partnership with the Frontier Natural Products Cooperative

**Thaddeus Gourd**  
**Colorado State University Extension**  
**Brighton, Colorado** \$7,470  
Controlling weeds using propane generated flame and steam treatments in crop and non-croplands. Funded in partnership with EPA Region 8

**Ruth Hazzard**  
**University of Massachusetts**  
**Amherst, Massachusetts** \$10,062  
Integrated caterpillar control in organic sweet corn. Year 3.

**Eleanor Heise**  
**Canadian Organic Growers**  
**Ameliasburg, Ontario, Canada** \$5,000  
Handbook on managing the transition to organic farming.

**Jodi Johnson-Maynard**  
**University of Idaho**  
**Moscow, Idaho** \$13,885  
Brassica meal for disease control and improved nitrogen fertility in organic farming systems. Year 1. Funded in partnership with EPA Region 10

**Todd Kabaluk**  
**Pacific Agri-Food Research Center**  
**Agassiz, B.C., Canada** \$6,000  
*Metarhizium anisopliae* as a biological control for wireworms. Year 2.

**Frank Kutka**  
**Newfield, New York** \$13,090  
Strategies for growing corn under low-nitrogen stress.

**Frank Morton**  
**Shoulder to Shoulder Farm**  
**Philmouth, Oregon** \$6,600  
Whole system seed: crop breeding for sustainable agriculture. Year 1.

**Curt Rom**  
**University of Arkansas**  
**Fayetteville, Arkansas** \$5,500  
Organic apple thinning strategies. Year 2.

**Frances Zacharakis-Jutz**  
**Solon, Iowa** \$3,500  
Multi-farm research on organic parasite control for lambs in a hot, humid midwestern climate.

**Rick Zimmerman**  
**Rogers Mesa Research Center**  
**Hotchkiss, Colorado** \$4,000  
The impact of green manures and weed mat in organic peach tree orchards. Year 2. Funded in partnership with EPA Region 8

**FALL 2001** \_\_\_\_\_  
Total in competitive grants: \$72,782  
Total in Board-directed grants: \$6,000

**Kristen Bowers**  
**University of Florida**  
**Gainesville, Florida** \$6,037  
Investigations into the ecology of *Microtheca ochroloma* and control methods for organic farmers.

**Michael Cahn**  
**University of California Cooperative Extension**  
**Yuba City, California** \$3,656  
Conservation tillage and cover crop systems for organic processing tomato production. Year 2. Funded in partnership with EPA Region 9

**Patrick Carr**  
**Dickinson Research Extension Center**  
**North Dakota State University**  
**Dickinson, North Dakota** \$7,706  
Small-grain cultivar selection for organic systems.

**Laurie Drinkwater**  
**Cornell University**  
**Ithaca, New York** \$9,220  
On-farm nutrient budgets in organic cropping systems: a tool for soil fertility management. Year 1.

**Steve Ela**  
**Silver Spruce Orchards**  
**Hotchkiss, Colorado** \$7,680  
Effects of organic alternatives for weed control and ground cover management on tree fruit growth. Year 2. Funded in partnership with EPA Region 8

**Caragh Fitzgerald**  
**Maryland Cooperative Extension**  
**Ellicott City, Maryland** \$5,258  
New cover crops and cover crop management for organic vegetable producers in Maryland. Year 1.

**Stephen S. Jones**  
**Washington State University**  
**Pullman, Washington** \$10,000  
Development of wheat varieties for organic farmers. Year 1.

**Renae Moran**  
**University of Maine Cooperative Extension**  
**Highmoor Farm**  
**Monmouth, Maine** \$2,245  
The effect of weed management strategies on apple orchards and yield in a certified organic orchard.

**Joji Muramoto**  
**Center for Agroecology & Sustainable Food Systems**  
**University of California**  
**Santa Cruz, California** \$4,710  
Nutrient analysis of organic strawberries: effect of cultivars and mycorrhizal inoculation.

**Durga D. Poudel**  
**University of Louisiana at Lafayette**  
**Lafayette, Louisiana** \$6,800  
Participatory evaluation and demonstration of organic production systems in southwestern Louisiana.

**Terence Robinson**  
**Cornell University**  
**New York State Agriculture Experiment Station**  
**Geneva, New York** \$5,000  
Insect management and fruit thinning in commercial organic apple production systems in New York. Year 2.

**Kathryn Sieving**  
**University of Florida**  
**Gainesville, Florida** \$4,470  
Intercropping to create local refugia for natural enemies of the arthropod pests: flowers and birds. Year 1.

**Greenmarket Farmers Fund**  
**New York, New York** \$2,500  
To help farmers who lost equipment, goods and markets on September 11, 2001.

**Underwriting for Regional Organic Farming**  
**Conferences** \$3,500  
To sponsor leading regional organic farming conferences for growers.

**SPRING 2001** \_\_\_\_\_  
Total in competitive grants: \$74,110

**Nancy Callan**  
**Montana State University**  
**Corvallis, Montana** \$9,480  
Forage brassicas as a component of organic production systems.

**Neda Diab**  
**University of Maryland**  
**College Park, Maryland** \$7,000  
Targeted mowing to increase allelopathy in rye. Year 1.

**Greg Hoyt**  
**North Carolina State University**  
**Mountain Horticultural Crops R&E Center**  
**Fletcher, North Carolina** \$5,157  
Long-term vegetable rotation systems using organic production methods and conservation tillage.

**Beth Kazmar**  
**Tipi Produce**  
**Fitchburg, Wisconsin** \$6,711  
Corn trap crop to control European corn borer damage in bell pepper.

**Katherine Kelly**  
**Full Circle Farm**  
**Kansas City, Missouri** \$5,835  
Shade cloth and mulch to extend the greens season in the Midwest.

**James Kotcon**  
**West Virginia University**  
**Morgantown, West Virginia** \$8,940  
Intercropping with resistant varieties to manage plant disease in organic tomatoes.

**Ronald Morse**  
**Virginia Polytechnic Institute & State University**  
**Blacksburg, Virginia** \$3,100  
High-residue cover crop mulches to manage weeds in no-till organic potatoes.

**Renée Prasad & Deborah Henderson**  
**E.S. Cropconsult**  
**Vancouver, B.C., Canada** \$1,400  
Biological control of *Delia* sp. in cole crops with rove beetles, *Aleochara* sp. Year 3.

**Bob Quinn**  
**Quinn Farm and Ranch**  
**Big Sandy, Montana** \$7,239  
Biological and mechanical control of perennial weeds.

**Alexandra Stone**  
**Oregon State University**  
**Corvallis, Oregon** \$9,352  
Organic soil management and induced systemic resistance in vegetable crops.

**Sean Swezey**  
**Center for Agroecology & Sustainable Food Systems**  
**University of California**  
**Santa Cruz, California** \$9,896  
Trap crops to enhance insect releases in organic strawberries.

**FALL 2000** \_\_\_\_\_  
Total in competitive grants: \$77,611

**Jessica Davis**  
**Colorado State University**  
**Fort Collins, Colorado** \$5,548  
Long-term organic farming impacts on soil fertility.



**Kathleen Delate**  
**Iowa State University**  
**Ames, Iowa** \$5,500  
Improving the quality of organic herb production and marketing.

**Steve Ela**  
**Silver Spruce Orchards**  
**Hotchkiss, Colorado** \$7,680  
Effects of organic alternatives for weed control and ground cover management on tree fruit growth, development, and productivity. Year 1.

**Ruth Hazzard**  
**University of Massachusetts**  
**Amherst, Massachusetts** \$9,285  
Integrated caterpillar control in organic sweet corn. Year 2.

**Todd Kabaluk**  
**Pacific Agri-Food Research Centre**  
**Agassiz, B.C., Canada** \$5,805  
Use of *Metarhizium anisopliae* (Agassiz strain) as a microbial control for wireworms. Year 1.

**Mark Kiser**  
**Bat Conservation International**  
**Austin, Texas** \$5,800  
Bat houses for integrated pest management.

**Renée Prasad & Deborah Henderson**  
**E.S. Cropconsult**  
**Vancouver, B.C., Canada** \$5,600  
Biological control of *Delia* sp. in cole crops with rove beetles, *Aleochara* sp. Year 2.

**Curt Rom**  
**University of Arkansas**  
**Fayetteville, Arkansas** \$7,442  
Organic apple thinning strategies. Year 1.

**Phil Rzewnicki**  
**Ohio State University**  
**Columbus, Ohio** \$8,280  
Evaluating corn varieties for organic crop production.

**Ynte Schukken & Linda Garrison**  
**Cornell University**  
**Ithaca, New York** \$8,500  
Comparing antibiotic susceptibility patterns for *Staphylococcus aureus* in organic and traditional dairy herds.

**Andrew Thomas**  
**University of Missouri**  
**Mount Vernon, Missouri** \$4,171  
Evaluation of kaolin-based particle film coatings on insect, disease, and heat stress suppression in apples. Year 2.

**Rick Zimmerman**  
**Rogers Mesa Research Center,**  
**Hotchkiss, Colorado** \$4,000  
Green manure and weed mat impacts on soil biota and tree growth in organic peach orchards.

**SPRING 2000**  
Total in competitive grants awarded: \$68,451

**Michael Cahn**  
**University of California Extension, Sutter/Yuba**  
**Counties, Yuba City, California** \$6,021  
Conservation tillage and cover crop systems for organic processing tomato production. Year 1.

**Joel Kingsolver**  
**University of Washington**  
**Seattle, Washington** \$8,650  
Use of cover crops to control insect pests in Brassicaceae crop production.

**Carol Miles**  
**Washington State Cooperative Extension**  
**Chehalis, Washington** \$7,500  
Cover crops for weed management on organic farms.

**Mary Peet**  
**North Carolina State University**  
**Raleigh, North Carolina** \$8,673  
Maintaining nutrient balances in systems utilizing soluble organic fertilizers.

**Renée Prasad & Deborah Henderson**  
**E.S. Cropconsult**  
**Vancouver, B.C., Canada** \$3,157  
Biological control of *Delia* sp. in cole crops with rove beetles, *Aleochara* sp. Year 1.

**Erica Renaud**  
**Frontier Organic Research Farm**  
**Norway, Iowa** \$4,950  
Producing echinacea in more diverse agroecosystems.

**Terence Robinson**  
**Cornell University**  
**Geneva, New York** \$10,000  
Development of a commercial organic apple production system for New York. Year 1.

**Mark Schonbeck**  
**Virginia Association for Biological Farming**  
**Floyd, Virginia** \$6,000  
Soil nutrient balancing in sustainable vegetable production. Year 3.

**Kimberly Stoner**  
**Connecticut Agricultural Experiment Station**  
**New Haven, Connecticut** \$7,500  
Using *Pediobius foveolatus* as a biological control agent for Mexican bean beetle in snap beans.

**Monika Weldon & Peter Belanger**  
**Spring Meadow Farm**  
**Mattapoisett, Massachusetts** \$3,100  
Cultural control of *Sparganothis* fruitworm through the use of flooding.

**Sylvia Welke**  
**Wild Flight Farm**  
**Mara, B.C., Canada** \$2,900  
Effectiveness of compost extracts as disease suppressants in fresh market crops in British Columbia. Year 2.

**FALL 1999** \_\_\_\_\_  
Total in competitive grants awarded: \$65,379

**John Biernbaum**  
**Michigan State University**  
**East Lansing, Michigan** \$5,500  
Support for research into organic nutrient and biological pest management for greenhouse production of edible flowers, culinary herbs, and leafy greens.

**Nicholas Calderone**  
**Cornell University**  
**Ithaca, New York** \$6,275  
Support to study natural products and non-chemical methods for controlling parasitic mites in honey bee colonies.

**Derrick Exner**  
**Practical Farmers of Iowa**  
**Ames, Iowa** \$7,630  
Support for research into controlling gastrointestinal parasites of livestock with organic management and materials.

**Mark Gaskell**  
**University of California Cooperative Extension**  
**Santa Maria, California** \$10,000  
Support to examine the effects of green manure, compost and feather meal on soil nitrogen dynamics, beneficial soil microorganisms, and bell pepper yield.

**Walter Goldstein**  
**Michael Fields Ag. Institute**  
**East Troy, Wisconsin** \$8,800  
Support to develop open-pollinated corn varieties for organic farmers.

**Zachary Heath**  
**Heath Ranch**  
**Orland, California** \$770  
Support to determine if walnut hulls can be used in orchards as a mulch to provide an organic weed control.

**George Kuepper**  
**Appropriate Technology Transfer to Rural Areas**  
**Fayetteville, Arkansas** \$4,500  
Increasing organic farmer access to relevant and practical research-based information.

**Carol Miles**  
**Washington State University**  
**Chehalis, Washington** \$4,480  
Support to investigate the efficacy of organic treatments of raspberry plant diseases to be used as part of an integrated pest management system.

**Jeff Mitchell**  
**Kearney Agricultural Center**  
**Parlier, California** \$3,330  
Support to compare conservation tillage and conventional tillage practices in organic vegetable crop production.

**Richard Smith**  
**University of California Cooperative Extension**  
**Salinas, California** \$3,665  
Support to evaluate weed control, efficiency, speed and economics of the Bezzerides torsion weeder and the brush hoe on cool season organic vegetables.

**Andrew Thomas**  
**University of Missouri, Columbia**  
**Mount Vernon, Missouri** \$3,479  
Support to evaluate kaolin particle film coatings on insect and disease suppression in apples. Year 1.

**Mark Van Horn**  
**Student Experimental Farm**  
**University of California**  
**Davis, California** \$6,950  
Support to study organic management of garden symphylans (*Scutigera immaculata*) in annual cropping systems.

**SPRING 1999** \_\_\_\_\_  
Total in competitive grants awarded: \$63,581  
Donor-directed support: \$45,000

**Sean Clark**  
**Berea College**  
**Berea, Kentucky** \$1,100  
Support to study development of biologically-integrated food waste composting system at Berea College.

**Paul Ehrlich**  
**Stanford University**  
**Stanford, California** \$8,000  
Support to study conservation and restoration of insect pollination services in organic farms of Yolo and Solano Counties.

**Ruth Hazzard**  
**University of Massachusetts**  
**Amherst, Massachusetts** \$9,990  
Support for vegetable farmers in the Northeast to evaluate an integrated non-chemical strategy for managing caterpillar pests in sweet corn. Year 1.

**Stanislaw Ignatowicz**  
**Warsaw Agricultural University**  
**Warsaw, Poland** \$5,000  
Support to study efficacy of predatory mites in controlling the pests of cultivated mushrooms in organic mushroom houses.

**Ann Lindsey**  
**Center for Agroecology & Sustainable Food Systems**  
**University of California**  
**Santa Cruz, California** \$8,548  
Support for training manual for intensive organic production in the garden and small farm for use by organic educators and practitioners.

**John Luna**  
**Oregon State University**  
**Corvallis, Oregon** \$4,825  
Support to study the development and evaluation of biologically integrated strip-tillage systems for organic vegetable systems.

**Fernando Moncayo**  
**Nova Scotia, Canada** \$3,534  
Support to study the efficacy of homeopathic preparations of autogenous mastitis-causing organisms in the prevention of mastitis in dairy cattle.

**Alan Pryor**  
**SoilZone, Inc.**  
**Davis, California** (Donor-directed) \$45,000  
A U.S. Environmental Protection Agency grant to continue investigation into the effectiveness of ozone (O<sub>3</sub>) injection as a soil sanitation method, as an alternative to the use of methyl bromide and other soil fumigants.

**Mark Schonbeck**  
**Virginia Association for Biological Farming**  
**Floyd, VA** \$5,600  
Soil nutrient balancing for calcium, magnesium, and potassium in vegetable production on five organic farms. Year 2.

**Sean Swezey**  
**Center for Agroecology & Sustainable Food Systems**  
**University of California**  
**Santa Cruz, California** \$4,839  
A grower-managed biorational program for artichoke pests (BIORAPP) on the northern California Central Coast. Year 2.

**Steve Temple**  
**University of California**  
**Davis, California** \$8,200  
Support to examine impacts of management practices on tomato fruit quality and nutritional values, and to study the selection of cover crop varieties for the summer/fall niche in organic tomato farming systems.

**Sylvia Welke**  
**Olds College**  
**Alberta, Canada** \$3,945  
Effectiveness of compost extracts as disease suppressants in fresh market crops in British Columbia. Year 1.

**FALL 1998**  
Total in competitive grants awarded: \$20,710  
Donor-directed support: \$18,000

**Brian Baker**  
**Organic Materials Review Institute**  
**Eugene, Oregon** \$5,000  
Support to develop a system to evaluate materials and genetic engineering technologies for organic agriculture and processing.

**Diane Bowen**  
**California Certified Organic Farmers**  
**Santa Cruz, California** \$5,000  
Continued funding for the farmer education column, *Science You Can Use*, written and produced for the CCOF Newsletter, which provides information on various production methods and practices for organic farmers.

**Marc Lappé**  
**Center for Ethics and Toxics**  
**Gualala, California** \$5,710  
Support to study the relationship between production practices, namely chemical application, and phytoestrogen content of soybeans.

**John Luna**  
**Oregon State University**  
**Corvallis, OR** \$5,000  
Interplanting beneficial insectary plantings in broccoli cropping systems to enhance biological control of aphid populations. Year 2.

**Alan Pryor**  
**SoilZone, Inc.**  
**Davis, California** (Donor-directed) \$18,000  
A U.S. Environmental Protection Agency grant to continue investigation into the effectiveness of ozone (O<sub>3</sub>) injection as a soil sanitation method, as an alternative to the use of methyl bromide and other soil fumigants.

**SPRING 1998**  
Total in competitive grants awarded: \$24,463

**Janet Allen**  
**Dragon Mountain Farm**  
**Quesnel, B.C., Canada** \$3,284  
Support to identify and test alternative parasiticides for use in the production of organic lamb.

**Mark Gaskell**  
**University of California Cooperative Extension**  
**Santa Maria, California** \$4,840  
Support to study different types of commercially available organic nitrogen fertilizer materials on long-term annual vegetable crops at Nojoqui Creek Farms.

**David Horton**  
**USDA Agricultural Research Service**  
**Wapato, Washington** \$4,700  
Support to study the effects of understory management and mowing frequency on natural enemy density and pest mating disruption in organic pear orchards.

**William Olkowski**  
**Bio-Integral Resource Center**  
**Winters, California** \$4,800  
Support to study cucumber beetle traps for effectiveness, cost, damage to natural enemies and ease of servicing.

**Mark Schonbeck**  
**Virginia Association for Biological Farming**  
**Floyd, Virginia** \$2,000  
Soil nutrient balancing for calcium, magnesium, and potassium in vegetable production on five organic farms. Year 1.

**Sean Swezey**  
**Center for Agroecology & Sustainable Food Systems**  
**University of California**  
**Santa Cruz, California** \$4,839  
Support for laboratory and rearing materials for a grower-managed biorational management program (BIORAPP) for artichokes on the northern central California coast. Year 1.

**FALL 1997** \_\_\_\_\_  
Total in competitive grants awarded: \$39,043

**Brian Baker**  
**Organic Materials Review Institute**  
**Eugene, Oregon** \$5,000  
Support to develop a generic list of organically allowable materials based on organic community consensus.

**Jo Ann Baumgartner**  
**Santa Cruz, California** \$6,625  
Bird and arthropod predation rates of codling moth and their effectiveness in reducing insect damage in organic apple orchards. Year 2.

**Diane Bowen**  
**California Certified Organic Farmers**  
**Santa Cruz, California** \$2,500  
Continued support for the farmer education column *Science You Can Use*, published in the CCOF Newsletter.

**Jeanine Davis**  
**North Carolina State University**  
**Fletcher, North Carolina** \$5,525  
Support to evaluate mulching materials and limestone rates for management of fusarium wilt of sweet basil.

**Dean Hively**  
**Ithaca, New York** \$2,400  
Support to study on-farm hedgerow production of certified organic medicinal plant material.

**Anne Macey**  
**Canadian Organic Growers**  
**Ottawa, Ontario, Canada** \$4,125  
Support for the study "Livestock Management on Organic Farms: A Survey of Issues and Farm-Tested Solutions."

**Richard Merrill**  
**Cabrillo Community College**  
**Aptos, California** \$4,860  
Support for a study analyzing qualitative values of compost teas at different stages of production.

**Joji Muramoto**  
**Center for Agroecology & Sustainable Food Systems**  
**University of California**  
**Santa Cruz, California** \$4,545  
Comparing nitrate content in leafy vegetables from organic and conventional farms in California.

**Richard Smith**  
**University of California Cooperative Extension**  
**Hollister, California** \$3,463  
Support to study the role of trap crops in controlling flea beetle in cole crops on four organic farms.

**SPRING 1997** \_\_\_\_\_  
Total in competitive grants awarded: \$20,860  
Donor-directed support: \$27,000

**Brian Baker**  
**California Certified Organic Farmers**  
**Santa Cruz, California** \$2,500  
Continued funding for the farmer education column, *Science You Can Use*, written and produced for the CCOF Newsletter, which provides information on various production methods and practices for organic farmers.

**Christine Gruhn**  
**Nazareth College**  
**Rochester, New York** \$3,360  
Support to study mycorrhizal fungi colonization in organic cropping systems, looking in particular at specific crop species and vegetable and cover crop rotations that best enhance root colonization.

**John Luna**  
**Oregon State University**  
**Corvallis, Oregon** \$5,000  
Interplanting beneficial insectary plantings in broccoli cropping systems to enhance biological control of aphid populations. Year 1.

**William Olkowski**  
**Bio-Integral Resource Center**  
**Winters, California** \$5,000  
Support to study the biological and economic effectiveness of several mass-trapping devices for control of cucumber beetle.

**Alan Pryor**  
**SoilZone, Inc.**  
**Sunnyvale, California** (Donor-directed) \$27,000  
A U.S. Environmental Protection Agency grant to investigate the effectiveness of ozone (O<sub>3</sub>) injection as a soil sanitation method, as an alternative to the use of methyl bromide and other soil fumigants.

**Anusuya Rangarajan**  
**Cornell University**  
**Ithaca, New York** \$5,000  
Support for field research to study the development and impact of disease suppressive composts on vegetable quality, composition and yield.

**FALL 1996** \_\_\_\_\_  
Total in competitive grants awarded: \$14,410  
Donor-directed support: \$800

**Miguel Altieri**  
**University of California**  
**Berkeley, California** \$4,000  
Support to study how diverse plant habitats adjacent to monoculture vineyard systems attract and increase the presence of beneficial insects and other arthropods, and to quantify their control effects on insect pests.

**Jo Ann Baumgartner**  
**Santa Cruz, California** \$2,530  
Bird and arthropod predation rates of codling moth and their effectiveness in reducing insect damage in organic apple orchards. Year 1.

**Deborah Kane**  
**University of Georgia**  
**Athens, Georgia** \$4,880  
Support for a survey of members of five Southern CSA (Community Supported Agriculture) farms, to investigate shareholder satisfaction, to help maximize shareholder retention and long term stability within Southern CSAs.

**Donald Lotter**  
**University of California**  
**Davis, California** \$3,000  
Support to study the soil ecology of grape phylloxera, to determine whether certain soils are suppressive to phylloxera growth and the potential for biological measures of control.

**Carl Rosato**  
**Woodleaf Farm**  
**Oroville, California** (Donor-directed) \$800  
Support from the Kokoro Foundation for an investigation of the control of peach brown rot in organic systems.

**SPRING 1996** \_\_\_\_\_  
Total in competitive grants awarded: \$25,573

**Brian Baker**  
**California Certified Organic Farmers**  
**Santa Cruz, California** \$2,500  
Continued funding and expanded publication of the columns *Science You Can Use* and *Materials Update*, produced for the CCOF Newsletter.

**Gwendolyn Bane**  
**Northwest Coalition for Alternatives to Pesticides**  
**Eugene, Oregon** \$5,000  
Funding to develop an organic pest management model to exempt certified organic growers in quarantine districts from applications of pesticides not allowed under organic standards.

**Martin Bender**  
**The Land Institute**  
**Salina, Kansas** \$5,573  
Funding for a project to finish beef cattle in summer/fall using temporary polywire enclosures to break-feed crop residues and forages in a narrow strip cropping system with minimal supplemental feed.

**M.N. Rifai**  
**Nova Scotia Agricultural College**  
**Truro, Nova Scotia, Canada** \$1,500  
Research of flaming practices for weed control in organic vegetable production. Year 2.

**Karl Rubenberger**  
**Umpqua Organic Farm**  
**Roseburg, Oregon** \$3,500  
Funding for the development and testing of foliar and soil applications of aerated compost teas in Asian pears and apples.

**Kimberly Stoner**  
**Connecticut Agricultural Experiment Station**  
**New Haven, Connecticut** \$2,000  
Funding for research into use of attractants to control squash bug populations on two organic vegetable farms.

**Hans Wittig**  
**Oregon State University**  
**Corvallis, Oregon** \$5,500  
Continued funding for research of organic practices as part of OSU's fruit disease management testing program, including expanded test plots on three organic farms. Year 3.

**FALL 1995** \_\_\_\_\_  
Total in competitive grants awarded: \$18,747  
Donor-directed support: \$10,000

**Nancy Creamer**  
**V. James Research & Extension Center**  
**Plymouth, North Carolina** \$4,688  
Support for on-farm trials of summer cover crops and cover crop mixtures for their effectiveness as weed- suppressive mulches in organic vegetable production systems.

**Karen Klonsky**  
**University of California**  
**Davis, California** \$4,600  
Support for a project to statistically characterize California's organic agriculture for the years 1993 through 1995, using organic farm registration data from the California Department of Food and Agriculture's Organic Program.

**National Organic Cotton Association**  
**Point Reyes Station, California** (Donor-directed) \$10,000  
Funding from the Human-i-tees Foundation for general support and production of educational materials about organic cotton.

**Phil Phillips**  
**Ventura County Cooperative Extension**  
**Ventura, California** \$3,997  
Support to study the impact of dust deposits on the survival rates of insectary-reared and released parasites in organic and transitional citrus orchards, for the control of red and black scale.

**Ty T. Vaughn**  
**Colorado State University**  
**Ft. Collins, Colorado** \$1,410  
Support for research into various cropping designs in cruciferous and cereal crops, as a strategy to enhance the rate of aphid parasitization by parasitoid wasps.

**Matthew Werner**  
**Center for Agroecology & Sustainable Food Systems**  
**University of California**  
**Santa Cruz, California** \$4,052  
Support for California studies to evaluate a prototype soil test kit designed to help farmers measure soil quality and health *in situ*.

**SPRING 1995** \_\_\_\_\_  
Total in competitive grants awarded: \$17,766  
Donor-directed support: \$18,000

**Brian Baker**  
**California Certified Organic Farmers**  
**Santa Cruz, California** \$2,500  
Support for work carried out by the joint CCOF/Oregon Tilth Materials Review Committee, to assess farm-input materials and to make recommendations for organic farming systems.

**Emily Brown Rosen**  
**Northeast Organic Farming Association of New Jersey**  
**Titus Mill, New Jersey** \$3,000  
Support to research the effectiveness of foliar applications of hydrogen peroxide and other materials to control foliar and fruit diseases in tomatoes, particularly early blight, anthracnose and bacterial canker.

**California Certified Organic Farmers**  
**Santa Cruz, California** (Donor-directed) \$18,000  
Funding from the Mary A. Crocker Trust for CCOF's Materials Review and Recommendations program.

**Tom Frantzen**  
**Practical Farmers of Iowa**  
**New Hampton, Iowa** \$500  
Support for farm tours to demonstrate on-farm studies concerning the effectiveness of different strategies to develop hazel nut production as a means of farm diversification in the Midwest.

**Sean Swezey**  
**Center for Agroecology & Sustainable Food Systems**  
**University of California**  
**Santa Cruz, California** \$4,862  
Support for research into mass-rearing and release of a locally-adapted female-only strain of the parasitic wasp *Trichogramma nr. platneri*, for control of codling moth in coastal organic apple orchards.

**Shari Tresky**  
**Mariah Farm**  
**Hakalau, Hawaii** \$2,904  
Support for research into non-toxic solutions for bacterial wilt in tomatoes, using varieties and applications of organic matter and soil microorganisms.

**Hans Wittig**  
**Oregon State University**  
**Corvallis, Oregon** \$4,000  
Continued support to research the efficacy of organic foliar amendments for disease control in tree fruits and grapes. Year 2.

**FALL 1994**

Total in competitive grants awarded: \$27,902

**Brian Baker**

**California Certified Organic Farmers**  
**Santa Cruz, California** \$3,500  
 Continued support for the production and expanded circulation of the CCOF Newsletter column *Science You Can Use*.

**Ronnie W. Heiniger**

**North Carolina State University**  
**Plymouth, North Carolina** \$4,870  
 Support for research into the use of flaming and cover crops for controlling weeds in organically grown soybeans.

**Roberta Jaffe**

**Life Lab Science Program**  
**Santa Cruz, California** \$5,000  
 Continued support for the Life Lab curriculum guide *Farmer for a Day: Introducing Students to Organic Agriculture*.

**David Lively**

**Oregon Tilth**  
**Tualatin, Oregon** \$3,600  
 Support for an analysis of twelve organic vegetable crops' ability to mobilize trace soil-bound organochlorine pesticide residues.

**Mark Mayse**

**California State University, Fresno**  
**Fresno, California** \$4,934  
 Support for research into the relationship of Brix levels, proper nutrient balance and the management of leafhopper pests in organic grape production.

**John Reganold**

**Washington State University**  
**Pullman, Washington** \$3,420  
 Support for the transitional and organic components of a comparison and analysis of organic, low input and conventional apple production systems.

**M.N. Rifai**

**Nova Scotia Agricultural College**  
**Truro, Nova Scotia, Canada** \$1,103  
 Support for a comparison study into mechanical and flame weed control methods in organic corn and onions. Year 1.

**Laura Tourte**

**University of California**  
**Davis, California** \$1,475  
 Support for research into plant growth, yield and economic analyses of kelp extract and fish powder sprays on organically grown processing tomatoes.

**SPRING 1994**

Total in competitive grants awarded: \$23,572

Donor-directed support: \$900

**California Certified Organic Farmers**

**Santa Cruz, California** (Donor-directed) \$900  
 A Strong Foundation grant to support CCOF's Research and Education program.

**Amigo Cantisano**

**Organic Ag Advisors**  
**Colfax, California** \$5,502  
 Support for research into biological control of botrytis and powdery mildew in raspberries using beneficial microorganisms, compost teas and nutritional management.

**Daniel L. Mahr**

**University of Wisconsin**  
**Madison, Wisconsin** \$5,300  
 Support for research into habitat manipulation for improving biological control of insect and mite pests in apple orchards.

**Carl Rosato**

**Woodleaf Farm**  
**Oroville, California** \$2,500  
 Orchard-based research and lab testing to study effectiveness of various materials in controlling brown rot in peaches. Year 3.

**Kate Roth**

**Mothers and Others for a Livable Planet**  
**New York, New York** \$2,500  
 Support for a special educational luncheon to inspire reporters, editors, and producers to dedicate coverage to organic food and farming during Organic Harvest Month.

**Richard Smith**

**University of California Cooperative Extension**  
**Hollister, California** \$2,920  
 Support for monitoring the ability of compost to provide sufficient nitrogen to bell pepper crops under drip irrigation.

**Kathleen Walker**

**University of California**  
**Berkeley, California** \$2,850  
 Support for improved monitoring and treatment techniques to control leafroller in organic apple orchards.

**Hans Wittig**

**Oregon State University**  
**Corvallis, Oregon** \$2,000  
 Support for evaluation of disease control practices, including brown rot in stone fruit, focusing on the particularly humid environmental conditions experienced by many Oregon growers. Year 1.

**FALL 1993**

Total in competitive grants awarded: \$12,475  
 Donor-directed support: \$3,690

**Kassim Al-Khatib**

**Washington State University**  
**Mt. Vernon, Washington** \$5,000  
 Support for on-farm research into weed control with green manure and cover crops, focusing on control of broadleaf weeds in green peas, potato and mint.

**California Certified Organic Farmers**

**Santa Cruz, California** (Donor-directed) \$450  
 Funding from the Nathan Cummings Foundation in support of CCOF's retailers' seminar.

**Mariah Cornwoman**

**Washington State University**  
**Wenatchee, Washington** \$3,990  
 Support for case studies of pest control practices used by organic apple growers in Washington State; for compilation and distribution of results of farmer interviews concerning cultural practices among Northeast Washington apple growers.

**Stephen Denis**

**Thermal, California** (Donor-directed) \$1,740  
 Funding from the University of California Sustainable Agriculture Research and Education Program to test freeze treatments as an alternative to fumigation in date production.

**Jean Mills and Carol Eichelberger**

**Coker, Alabama** \$985  
 Support for an on-farm feasibility study of composted clippings from white Dutch clover living mulch as a means of building soil and reducing off-farm inputs.

**Carl Rosato**

**Woodleaf Farm**  
**Oroville, California** \$2,500  
 Orchard-based research and lab testing to study the effectiveness of anti-fungal substances in controlling brown rot in peaches. Year 2.

**Carl Rosato**

**Woodleaf Farm**  
**Oroville, California** (Donor-directed) \$1,500  
 Support from the Kokoro Foundation for investigation of control of peach brown rot in organic systems.

**SPRING 1993**

Total in competitive grants awarded: \$27,195  
 Donor-directed support: \$1,980

**California Certified Organic Farmers**

**Santa Cruz, California** \$4,500  
 Support for the column *Science You Can Use*, produced for the CCOF Newsletter.

**California Certified Organic Farmers**

**Santa Cruz, California** (Donor-directed) \$1,980  
 In-kind donation of an Apple computer from the Environmental Support Center.

**Stephen Denis**

**Thermal, California** \$4,388  
 Support for research into cultural alternatives to malathion and methyl bromide for pest control in the production of Deglet Noor dates.

**Michael Hoffman**

**Cornell University**  
**Ithaca, New York** \$4,940  
 Support for development of a trapping system for cucumber beetles in cucurbits, in cooperation with two organic farms.

**Eero Ruuttila**

**Nesenkeag Farm**  
**Litchfield, New Hampshire** \$3,280  
 Support to evaluate living straw mulch alone and in combination with a microbial insecticide for control of Colorado potato beetle on potatoes.

**Richard Smith**

**University of California Cooperative Extension**  
**Hollister, California** \$2,370  
 Support to monitor the seasonal activity of cabbage, seed corn and onion maggots, to determine whether modifying planting schedules can control maggot damage.

**Sean Swezey**

**Center for Agroecology & Sustainable Food Systems**  
**University of California**  
**Santa Cruz, California** \$4,717  
 Support to analyze farm-level conversion of a conventional cotton production system to organic management, at Sheppard Farms in Chowchilla.

**Otis Wollan**

**Committee for Sustainable Agriculture**  
**Colfax, California** \$3,000  
 Support for CSA's Transition Conference Program for farmers seeking to make a transition to organic growing practices.

**1992**

Total in competitive grant awards: \$14,400  
 Donor-directed support: \$1,800

**California Institute for Rural Studies**

**Davis, California** \$1,000  
 General program support for the publication of the proceedings of the second CIRS conference on organic cotton production.



**La-Ribera Vineyards**  
**Talmage, California** \$2,500  
Support for a project to field test the nematicidal properties of cahaba vetch tea applied through a drip irrigation system in an organic vineyard.

**Life Lab Science Program**  
**Santa Cruz, California** \$2,500  
Support for an organic farming education curriculum packet and model.

**Carl Rosato**  
**Woodleaf Farm**  
**Oroville, California** \$3,400  
An orchard-based project to test the effectiveness of several materials used to control brown rot in organic peach production. Year 1.

**Carl Rosato**  
**Woodleaf Farm**  
**Oroville, California** (Donor-directed) \$1,800  
Support from the Kokoro Foundation for investigation of control of peach brown rot in organic systems.

**Sean Swezey**  
**Center for Agroecology & Sustainable Food Systems**  
**University of California**  
**Santa Cruz, California** \$5,000  
Funding for technical support and temperature-based development predictions for organic codling moth management in Santa Cruz County.

**1991** \_\_\_\_\_  
Total grant awards: \$1,000 (noncompetitive)

**OFRF's Journalism Award** \$1,000  
To Linda Baker for her article, *The Deep Rooted Truth about Organic Farming*.

**1990** \_\_\_\_\_  
Total grant awards: \$85,275 (noncompetitive)

**California Certified Organic Farmers**  
**Santa Cruz, California** \$60,000  
Support for the Organic Growing Practices Database project, to compile information on growing practices of California organic growers for the years 1989-1991. (1990-1992)

**California Certified Organic Farmers**  
**Santa Cruz, California** \$25,275  
Support for development of public education brochures on organic agriculture; and for publication of the column *Science You Can Use* in the CCOF Statewide Newsletter. (1990-1992)