

# **CONSERVATION EFFECTS ASSESSMENT PROJECT (CEAP) for 2006**

## **RESPONDENT BOOKLET**



## Screening Section, Item 5a

**General CRP Sign-up**

CRP Sign-Up Number	Sign-Up Dates
1 - 13	1995 and earlier
15	Mar 3 - 28, 1997
16	Oct 14 - Nov 14, 1997
18	Oct 26 - Dec 11, 1998
20	Jan 18 - Feb 11, 2000
26	May 5 - Jun 13, 2003
29	Aug 30 - Sept 24, 2004
33	Mar 27 - Apr 28, 2006

**Scheduling Codes**

**Section C, Item 1**  
**Line 19** .....

- 1 Condition of crop (observation)
- 2 Soil moisture by feel
- 3 Use of soil moisture sensing devices (such as moisture blocks or tensiometers)
- 4 Use of plant moisture sensing devices (such as pressure (chamber) bomb or infrared (IR) thermometer)
- 5 Use of irrigation scheduling service (including commercial and government)
- 6 Reports on daily crop-weather evapo-transpiration (ET) use (Internet, newspapers, radio, TV, fax, and email)
- 7 Water delivered by irrigation organization in turn (no choice by water user)
- 8 Personal calendar schedule
- 9 Computer simulation models (not from a commercial service)
- 10 When neighbors begin to irrigate
- 11 Other: (*Specify*) \_\_\_\_\_

# CROP CODES

## Section C Crop Table *Abbreviated listing for CEAP*

Alfalfa seed . . . . .	35	Corn, for corn nuts . . . . .	195
Amaranth . . . . .	221	Corn, grain . . . . .	6
Artichokes . . . . .	101	Corn, seed . . . . .	38
Asparagus . . . . .	102	Corn, silage . . . . .	5
		Corn, white . . . . .	7
Bahia grass seed . . . . .	227	Cottonseed . . . . .	184
Bahia hay . . . . .	232	Cotton, pima . . . . .	282
Barley, all . . . . .	190	Cotton, upland . . . . .	281
Barley, feed or malt . . . . .	2	Crambe . . . . .	176
Barley, feed . . . . .	290	CRP . . . . .	302
Barley, malt . . . . .	291	Cucumbers for pickles, processed . . . . .	4111
Barley, seed . . . . .	173	Cucumbers, fresh . . . . .	2111
Beans, dry edible . . . . .	3		
Beets . . . . .	103	Daikon . . . . .	258
Bentgrass seed . . . . .	228	Dichondra . . . . .	177
Bermuda grass seed . . . . .	229	Dill, for oil . . . . .	179
Bermuda hay . . . . .	231		
Birdsfoot trefoil seed . . . . .	224	Eggplant . . . . .	112
Bluegrass seed . . . . .	40	Emmer and spelt . . . . .	161
Broccoli . . . . .	104	Endive/Escarole . . . . .	259
Bromegrass seed . . . . .	215		
Brussels sprouts . . . . .	105	Fava beans . . . . .	154
Buckwheat . . . . .	84	Field and forage crops, other . . . . .	317
		Flaxseed . . . . .	9
Cabbage, fresh . . . . .	2106	Forage and greenchop . . . . .	10
Cabbage, processed for kraut . . . . .	4106	Foxtail millet seed . . . . .	204
Canola . . . . .	85		
Cantaloupe . . . . .	4	Garlic . . . . .	114
Carrots . . . . .	107	Ginger root . . . . .	89
Castor beans . . . . .	86	Ginseng . . . . .	198
Cauliflower . . . . .	108	Grass seed, all . . . . .	351
Celery . . . . .	109	Grass seed, other . . . . .	138
Chicory . . . . .	261	Grass silage . . . . .	226
Chinese cabbage . . . . .	249	Grasses, other than clover & sudan . . . . .	311
Chinese peas, sugar, snow . . . . .	234	Green peas, English . . . . .	239
Chufas . . . . .	222	Green peas, fresh . . . . .	2122
Cilantro . . . . .	153	Green peas, processed . . . . .	4122
Clover and Timothy hay . . . . .	310	Greens . . . . .	116
Clover seed . . . . .	194	Guar . . . . .	160
Clover seed, crimson . . . . .	214		
Clover seed, ladino . . . . .	202	Hay, alfalfa and alfalfa mixtures . . . . .	1
Clover seed, red . . . . .	43	Hay, Bahia . . . . .	232
Clover seed, sweet . . . . .	208	Hay, Bermudagrass . . . . .	231
Clover seed, white . . . . .	203	Hay, other . . . . .	11
Collards . . . . .	185	Hay, small grain . . . . .	217
Corn, all . . . . .	191	Hay, wild . . . . .	225
Corn, dry fodder, hogged or grazed . . . . .	218	Herbs, dried . . . . .	211

Herbs, fresh	212	Pimientos	245
Hops	12	Popcorn	19
Horseradish	151	Potatoes	20
		Pumpkins	128
Idle cropland	318	Radishes	129
Indian corn	188	Rapeseed	170
		Rapini	130
Kale	186	Redtop seed	205
Kenaf	181	Rhubarb	143
		Rice, all	21
Lespedeza seed	41	Rice, sweet	319
Lettuce, head	117	Rice, wild	178
Lettuce, other	149	Rutabagas	147
Lettuce, romaine	146	Rye	22
Lima beans, dry	268	Ryegrass seed	136
Lima beans, fresh	2115		
Lima beans, processed	4115	Safflower	98
Lentils	169	Sage	168
Lotus root	210	Sesame	152
		Shallots	144
Meadow foam	139	Silage & haylage (except corn & sorghum)	23
Melons, honeydew	13	Snap beans, fresh	2131
Melons, miscellaneous	14	Snap beans, processed	4131
Millet	141	Sorghum, all	192
Mint, all	310	Sorghum, grain	25
Mint, all for oil	159	Sorghum, hay	219
Mungbeans	197	Sorghum, hogged	220
Mushrooms	93	Sorghum, molasses	174
Mustard cabbage	253	Sorghum, silage	24
Mustard greens	187	Sorghum-sudan crosses	180
Mustard seed	94	Southern peas, cowpeas, crowder	243
		Soybeans	26
Oats	15	Spearmint	27
Okra	118	Spinach, fresh	2132
Onions, dehydrated	135	Spinach, processed	4132
Onions, dry	120	Squash, summer	133
Onions, green	119	Squash, winter	150
Orchard grass seed	42	Strawberries	74
		Sudan	167
Parsley	121	Sudangrass seed	206
Pastured cropland	316	Sugarbeets, all	360
Peanuts	16	Sugarbeets for seed	137
Peas, all other	123	Sugarbeets for sugar	28
Peas, Austrian winter	200	Sugarcane, all	354
Peas, blackeye	124	Sugarcane for seed	209
Peas, Southern (crowder, cowpeas)	243	Sugarcane for sugar	29
Peas, dry edible	17	Summer fallow	333
Peppermint for oil	18	Sunflower seed, non-oil varieties	148
Peppers, bell	126	Sunflower seed, oil varieties	30
Peppers, hot	244	Sweet corn for seed	246
Peppers, other	127		

Sweet corn, fresh . . . . .	2110	Turnips . . . . .	145
Sweet corn, processed . . . . .	4110	Vegetables, other . . . . .	236
Sweet potatoes . . . . .	31	Vegetables, seeds . . . . .	37
Sweetclover seed . . . . .	208	Vetch seed, hairy . . . . .	39
Tall fescue seed . . . . .	44	Watercress . . . . .	238
Teff . . . . .	199	Watermelons . . . . .	33
Timothy hay and clover . . . . .	310	Wheatgrass seed . . . . .	201
Timothy seed . . . . .	45	Wheat, all . . . . .	34
Tobacco transplants from beds . . . . .	175	Wheat, all, for seed . . . . .	172
Tobacco, burley . . . . .	193	Wheat, durum . . . . .	163
Tobacco, flue-cured . . . . .	196	Wheat, other spring . . . . .	164
Tobacco, other . . . . .	32	Wheat, winter . . . . .	165
Tomatoes, fresh . . . . .	2134	Pasture as crop rotation . . . . .	316
Tomatoes, processed . . . . .	4134		
Triticale . . . . .	162		
Tung nuts . . . . .	51		
Turnip greens . . . . .	189		

## Section D: Fertilizer Application Methods

**Section D,  
Item 2,  
Column 8 . .**

### APPLICATION CODES FOR COLUMN 8

- 1 Broadcast, ground without incorporation
- 2 Broadcast, ground with incorporation
- 3 Broadcast, by air (aerial application)
- 4 In seed furrow
- 5 In irrigation water (fertigation)
- 6 Chiseled/injected or knifed in
- 7 Banded/side-dressed in or over row
- 8 Foliar or directed spray

## Section D, Item 2

## Common Fertilizers &amp; Percent Analysis

[Enumerator Note: If Respondent cannot report the formulation for Section D, Item 2, enter the formulations below.]

Name	Percent Active Ingredient				
	FORM	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	S
Ammonia	D/L	80	--	--	--
Ammoniated superphosphate	D	12-17	22-35	---	---
Ammonium metaphosphate	D	12	51	---	---
Ammonium nitrate	D	32-34	---	---	---
Ammonium phosphate	D	11-18	46-48	---	---
Ammonium phosphate nitrate	D	27-30	10-15	---	---
Ammonium phosphate sulfate (APS)	D	13-16	20	---	15
Ammonium polyphosphate (APP)	L	10-11	34-37	---	---
Ammonium polysulfide (Ammonium Sulfate)	L	20-21	---	---	24
Ammonium sulfate nitrate	D	20-30	---	---	5
Ammonium thiosulfate solution	L	12	---	---	26
Anhydrous ammonia	L/G	82	---	---	---
Aqua ammonia (Ammonium Hydroxide)	L	16-25	---	---	---
Bone meal	D	0-2	10-20	---	---
Calcium ammonia nitrate	D	15-16	---	---	---
Diammonium phosphate sulfur	D	15-16	39-41	---	---
Diammonium phosphate (DAP)	D	16-21	46-53	---	---
Elemental sulfur	D	---	---	---	52-100
Greensand	D	---	1	6	---
Magnesium sulfate	D	---	---	---	13
Mixed fertilizer	D	2	6	12	---
		3	9	18	---
		3	10	30	---
		5	10	15	---
		5	10	30	---
		5	15	30	---
		6	24	24	---
		8	24	24	---
		9	18	9	---
		10	34	--	---
		11	37	--	---
Monoammonium phosphate (MAP)	D	11-13	48-62	--	---
Natralene	D/L	40	--	--	--
Nitrogen solutions	L	7-58	---	--	---
Nitric phosphate	D	12-17	22-35	--	---
Phosphate rock	D	---	2-35	--	---
Phosphate acid	L	---	2-76	--	---
Potassium carbonate	D	---	---	34-48	---
Potassium chloride (Muriate of Potash)	D	---	---	60-62	---
Potassium magnesium sulfate	D	---	---	22	23
Potassium metaphosphate	D	---	55-57	37-38	---
Potassium nitrate	D	13	---	44	---
Potassium orthophosphate	D	---	30-60	30-50	---
Potassium polyphosphate	L	---	40-60	22-48	---
Potassium sodium nitrate	D	15	---	14-15	---
Potassium solutions	L	---	---	13-15	---
Potassium sulfate	D	---	---	50-53	16
Sodium nitrate (Nitrate of Soda)	D	15-16	---	---	---
Sulfuric acid	L	---	---	---	20-26
Super phosphate (22 % & under)	D	---	16-22	---	11
Super phosphate (over 22%)	D	---	23-39	---	11
Triple super phosphate	D	---	40-54	---	11
Urea	D	45-46	---	---	---
Urea, sulfure coated	D	36-38	---	---	13-16
Urea, ammonium phosphate	D	25-58	28-35	---	---
Urea, ammonium nitrate (UAN)	L	28-32	---	---	---
Urea phosphate	D	17	44	---	---

## Section F, Item 6

### CHEMICALS and PESTICIDES, Column 4

F = Fungicide; H = Herbicide; I = Insecticide; M = Misc. Other; MD = Defoliant/Dessicant; MG = Growth Regulator; MS = Soil Fumigant

D/L Class	Product Code	Product Name	D/L	Class	Product Code	Product Name	
L	H	4758	2,4-D Amine	D	H	4603	Authority
L	H	4377	2,4-D Amine 4	D	H	4681	Authority 75 DF
L	H	4759	2,4-D Amine 4 CA	L	H	4135	Avenge (2L)
L	H	4664	2,4-D Amine 6	D	H	4651	Axiom DF
L	H	4283	2,4-D L.V. 4 Ester	D	I	1971	Aztec 4 67 %Granular
L	H	4271	2,4-D Lo-V Ester				
L	H	4562	2,4-D LV4	L	H	4786	Backdraft
L	H	4480	2,4-D LV6	L	H	4823	Balance Pro
L	H	4006	AAtrex 4L	D	H	4652	Balance WDG
D	H	4008	AAtrex Nine-O (WP)	L	H	4136	Banvel (4L)
L	H	4689	Abolish 8 EC	L	H	4617	Banvel + 2,4-D
D	H	4648	Accent Gold	L	H	4327	Banvel SGF (2EC)
D	H	4339	Accent Herbicide	L	H	4676	Banvel-K + Atrazine
D	I	1483	Acephate 75 WSP	L	H	4808	Barrage
D	I	1525	Acephate 90SP	L	H	4531	Barrage HF
D	H	4657	Achieve 40DG	L	H	4019	Basagran
L	H	4892	Achieve SC	L	H	4796	Basagran T/O
D	F	7239	Acrobat MZ	D	H	4521	Basis
D	I	1858	Actara	D	H	4611	Basis Gold
L	I	1427	Admire 2 Flowable	L	I	1246	Baythroid 2 (EC)
D	H	4991	Affinity Tankmix	D	H	4140	Beacon (75DF)
L	H	4351	Agasco 400 (EC)	L	H	4386	Betamix (EC)
D	H	4683	Aim	L	H	4387	Betanex (EC)
D	MD	9370	Aim	L	H	4920	Beyond (Clearfied Crops)
L	H	4879	Aim EC	L	H	4470	Bicep II
L	H	4880	Aim EW/Avalanch	L	H	4637	Bicep II Magnum
D	H	4859	Ally Extra	L	H	4638	Bicep Lite II Magnum
D	H	4123	Ally XP (60DF)	L	H	4694	Bicep Magnum TR
D	H	4390	Amber	L	I	1213	Bidrin 8
L	I	1975	Ambush	L	H	4655	Bison
D	I	1975	Ambush 25WP	L	H	4146	Blazer 2L
L	I	1133	Ammo 2.5EC	D	F	7050	Bluestone
D	H	4876	Amplify	D	H	4149	Bolero 10G
D	MG	9365	Apogee PGR	D	H	4199	Bolero 15 G
L	H	4130	Arrosolo 3-3E	L	H	4324	Bolero 8EC
L	H	4954	Arrow 2EC	L	H	4795	Boundary
L	I	1004	Asana XL	L	H	4963	Brash
D	I	1882	Assail 70WP	D	F	7241	Bravo Ultrex
L	H	4133	Assert (2.5EC)	L	F	7008	Bravo Weather Stik
L	H	4371	Assure II	L	F	7193	Bravo ZN
L	H	4041	Atrazine 4L	L	H	4655	Bromox/MCPA 2-2
L	H	4042	Atrazine 5L	L	H	4153	Bronate (4EC)
D	H	4043	Atrazine 80 (WP)	L	H	4864	Bronate (Bronate Pro #2)
D	H	4044	Atrazine 90DF	L	H	4856	Bronate Advanced



D/L	Class	Product Code	Product Name	D/L	Class	Product Code	Product Name
L	H	4884	Buccaneer Herbicide	D	I	1241	Counter 20CR
D	H	4155	Buckle	L	H	4894	Credit
L	H	4024	Buctril (2EC)	L	H	4982	Credit Duo Extra
L	H	4026	Buctril + Atrazine (1+2EC)	L	I	1249	Curacron 8E
L	H	4025	Buctril 4EC	L	H	4117	Curbit EC
L	H	4027	Bullet (4EC)	L	H	4180	Curtail (EC)
L	F	7534	Bumper 41.8EC	L	H	4365	Curtail M (EC)
L	H	4158	Butoxone 200 (2EC)	D	F	7315	Curzate 60DF
L	H	4159	Butyrac 175	L	MD	9031	Cyclone
L	H	4160	Butyrac 200	L	H	4654	Cyclone Concentrate
D	F	7521	Cabrio EG	L	H	4898	Dagger
L	H	4679	Cadre	L	I	1665	Decis 1.5EC
D	H	4680	Cadre DG	L	I	1557	Declare
L	H	4847	Callisto (4L)	L	MD	9049	Def 6 Emulsifiable Def
L	H	4896	Camix	L	H	4849	DEFINE SC (aka Flufenacet 4 SC)
D	H	4161	Canopy				
D	H	4610	Canopy XL	L	MD	9014	Defol 6
L	H	4031	Caparol 4L	L	H	4803	Degree Xtra
D	F	7088	Captan 50W	L	I	1775	Denim
L	I	1140	Capture 2EC	D	H	4038	Devrinol 50-WP
D	H	4690	Celebrity	L	I	1041	Diazinon 4E
D	H	4799	Celebrity Plus	D	I	1050	Diazinon 50 WP
D	I	1868	Centric	L	H	4866	Dicamba SG
D	H	4919	Cerano 5 MEG	L	I	1718	Digon 400
L	MG	9098	Cerone	L	I	1212	Dimate 4EC
L	F	7244	Champ Formula 2	L	I	1028	Dimethoate 2.67 EC
L	F	7231	Champ Plus	L	I	1267	Dimethoate 400
L	H	4887	Cinch ATZ	L	I	1029	Dimethoate 4EC
L	H	4469	Clarity (4L)	L	I	1403	Dimethoate 5 lb.
D	H	4167	Classic (25DG)	D	I	1145	Dimilin 25W
L	H	4875	ClearOut 41 Plus	L	I	1715	Dimilin 2L
D	H	4394	Clearpath	L	H	4039	Direx 4L
L	H	4904	Clincher SF	D	H	4040	Direx 80DF
L	H	4169	Cobra (2E)	L	H	4820	Discover
L	H	4170	Collego	L	H	4938	Discover NG
L	I	1008	Comite (6.55EC)	D	H	4677	Distinct (aka Overdrive)
L	I	1401	Comite II	D	I	1033	Di-Syston 15%G
L	H	4578	Command 3ME	L	I	1034	Di-Syston 8 EC
L	H	4171	Command 4EC	D	F	7127	Dithane 75DF Rainshield
L	H	4841	Command Xtra	L	F	7015	Dithane F-45 Rainshield
L	H	4173	Confidence 4EC	D	F	7016	Dithane M-45 (WP)
L	I	1441	Confirm 2F	L	F	7318	Dithane M-45 Flowable M
D	F	7053	Copper Sulfate	L	H	4045	Diuron 4L
L	H	4872	Cornerstone	D	H	4605	Diuron 80DF
L	H	4176	Cotoran 4L	D	H	4807	Domain
D	H	4178	Cotoran DF	L	F	7592	Domark 230 ME
L	H	4034	Cotton-Pro	L	H	4534	DoublePlay
L	MG	9222	CottonQuik	D	MD	9046	Dropp 50WP
D	I	1009	Counter (15G)	L	MD	9418	Dropp SC

D/L	Class	Product Code	Product Name	D/L	Class	Product Code	Product Name
D	MD	9290	Dropp Ultra	D	H	4644	Frontrow
L	H	4660	Dual II Magnum	L	H	4597	Fultime Herbicide
L	H	4661	Dual II Magnum SI	D	I	1259	Furadan 10G
D	H	4753	Dual IIG Magnum	D	I	1053	Furadan 15G
L	H	4659	Dual Magnum	L	I	1054	Furadan 4F
L	H	4806	Duet	D	I	1151	Furadan 5G
L	H	4198	Durango(aka GF-1279)	L	I	1374	Fury 1.5 EC
				L	H	4492	Fusilade DX
L	F	7226	Echo 720	L	H	4442	Fusion
D	F	7332	Echo 90DF	L	I	1521	Fyfanon ULV 9.9lbs (96.5%)
L	F	7329	Echo Zn				
D	F	7287	Elite 45 DF	D	H	4962	Gangster
L	F	7465	Eminent 125 SL	D	H	4915	Gangster FR (aka FirstRate)
L	I	1720	Empower (aka Nutripel)				
L	I	1199	Endosulfan 3EC	D	H	4964	Gangster V (aka Valor)
D	F	7571	Endura (70WG)	D	H	4839	Gauntlet
D	H	4956	Envoke	D	F	7499	Gavel 75DF
L	H	4769	Envoy	L	MD	9164	Ginstar EC
D	H	4749	Epic	D	H	4125	Glean FC (75DF)
L	H	4053	Eptam 7-E	L	H	4882	Gly Star Plus
D	H	4973	Equip Corn Herbicide	L	H	4990	Gly-4 Plus
L	F	7515	Equus 720	L	H	4580	Glyfos X-TRA
L	H	4203	Esteron 6E	L	H	4840	Glyphomax
L	H	4900	ET	L	H	4999	Glyphomax XRT
L	MG	9207	Ethephon 6	L	H	4890	Glyphosate 4
D	H	4855	Everest 70%	L	H	4838	Glyphosate Original
D	H	4055	Evik 80W	L	H	4886	G-Max Lite
D	H	4523	Exceed 64.6 DF	L	H	4542	Goal 2XL
D	H	4205	Express (DF)	L	H	4314	Gramoxone Extra
L	H	4756	Extreme	L	H	4402	Gramoxone Inteon
				L	H	4404	Gramoxone Max
D	H	4336	Facet 50WP	L	MD	9399	Gramoxone Max
D	H	4693	Facet 75 DF	L	H	4064	Gramoxone Super
D	H	4760	Facet GR	L	H	4685	Grandstand R or CA
L	MG	9114	Fair 85	L	H	4393	Grasp
L	H	4210	Fallow Master	L	H	4484	Grazon ET
D	H	4211	Far-Go Granular (10%)	L	H	4494	Guardzman Herbicide
L	H	4642	Field Master	L	H	4852	Guardzman Max
D	H	4214	Finesse	L	I	1152	Guthion 2L
L	MG	9220	Finish				
L	MG	9283	Finish 6	D	H	4139	Harmony Extra XP
D	H	4643	FirstRate	D	H	4137	Harmony GT XP
L	H	4532	Flexstar	L	H	4602	Harness
L	MD	9047	Folex 6EC	D	H	4650	Harness 20G
L	F	7254	Folicur 3.6 F	L	H	4529	Harness Xtra
D	I	1440	Force 3G	L	H	4649	Harness Xtra 5.6L
L	H	4291	Formula 40	L	MD	9048	Harvade - 5F
D	I	1678	Fortress 2.5 G	L	F	7522	Headline
D	I	1397	Fortress 5 G	L	F	7603	Headline SBR
L	H	4448	Frontier 6.0	L	H	4955	Helosate Plus

D/L	Class	Product Code	Product Name	D/L	Class	Product Code	Product Name
L	H	4221	Hi-Dep	L	I	1085	Malathion 5 EC (55%)
L	H	4065	Hoelon 3EC	L	I	1725	Malathion 5 EC (56%)
D	H	4517	Hornet	L	I	1236	Malathion 5 EC (57%)
D	H	4861	Hornet WDG	L	I	1228	Malathion 8E
				L	I	1157	Malathion ULV 9.7lbs (95%)
L	H	4333	Ignite (only for cotton)				
D	F	7240	Indar 75 WSP	L	F	7064	Manex
L	I	1863	Intrepid 2F	D	F	7025	Manzate 75DF
L	H	4969	Intrro	L	H	4235	Marksman
D	I	1901	Intruder WSP	D	H	4566	Matrix (aka Shadeout)
D	I	1974	Javelin WG	D	H	4791	Maverick
				L	H	4293	MCP 4 Ester
L	I	1252	Karate (1EC)	L	H	4292	MCP Amine 4
L	I	1707	Karate Z	L	H	4513	MCPE Phenoxy
D	H	4066	Karmex DF	L	MG	9405	Mepex Plus
L	I	1062	Kelthane MF	L	MG	9188	Mepichlor 4.2% Liquid
L	H	4888	Keystone	L	MG	9420	Mepiquat Chloride, Farm Saver
L	I	1470	Knack (aka Esteem 0.86EC)	L	F	7396	Mertect 340-F
				L	H	4231	Micro-Tech
L	H	4629	L Treflan HFP	D	F	7449	Microthiol Disperss
L	H	4524	Laddok S-12	L	H	4491	Mirage (4EC)
L	H	4229	Landmaster BW	L	I	1082	Mocap EC
L	I	1064	Lannate LV (2.4 lbs.)	L	I	1329	Monitor 4
D	I	1065	Lannate SP	L	H	4144	MSMA 4 Plus
L	F	7483	Laredo EC	L	H	4194	MSMA 6 Plus
L	H	4230	Lariat (4F)	L	H	4147	MSMA 6.6 (EC)
L	I	1066	Larvin 3.2	L	I	1363	Mustang
D	I	1384	Larvin DF	L	I	1895	Mustang Max
L	H	4069	Lasso (4EC)				
L	H	4150	Layby Pro	L	H	4916	Newpath Herbicide
L	H	4665	LeadOff	D	H	4692	NorthStar
D	I	1671	Lepinox WDG	L	H	4388	Nortron EC
L	I	1814	Leverage 2.7	L	H	4590	Nortron SC Flowable Herbicide
L	H	4989	Lexar Herbicide				
L	H	4640	Liberty	D	I	1546	Nufos 15 G
L	H	4678	Liberty ATZ	L	I	1547	Nufos 4E
D	H	4607	Lightning DG				
L	H	4074	Linex 4L	L	MG	9108	Off-shoot-T 85
D	H	4233	Londax (60DF)	L	I	1278	Oil
D	H	4077	Lorox DF	D	H	4195	Olympus Flex
D	I	1068	Lorsban 15G	D	H	4860	Option
L	I	1069	Lorsban 4E	L	H	4138	Oracle Dicamba Agricultural Herbicide
D	I	1070	Lorsban 50W				
L	H	4522	Low Vol 4 Ester Weed Killer	D	H	4242	Ordram 15-G
				D	H	4406	Ordram 15-GM
L	H	4885	Lumax	L	H	4243	Ordram 8-E
L	H	4826	LV 400 2,4-D Weed Killer	L	F	7199	Orius 3.6 F
				D	F	7201	Orius 45 WP
L	H	4906	Mad Dog Glyphosate	D	F	7200	Orius 45DF

D/L	Class	Product Code	Product Name	D/L	Class	Product Code	Product Name
D	I	1102	Orthene 75 S	L	H	4942	Prowl H2O
D	I	1481	Orthene 75 WSP	L	H	4581	Puma 1EC (Bronate Pro #1)
D	I	1509	Orthene 90 WSP	L	H	4254	Pursuit
D	I	1258	Orthene 90S	D	H	4505	Pursuit DG
D	I	1822	Orthene 97	L	H	4255	Pursuit Plus EC
D	I	1316	Orthene Tobacco Insect Spray	D	H	4646	Python WDG
D	H	4951	Osprey	L	F	7291	Quadris (aka Abound)
L	H	4940	Outlaw (aka Bushwhacker)	L	F	7085	Quadris Opti
L	H	4862	Outlook	L	F	7575	Quilt
				D	F	7141	Rally 40W
D	H	4569	Peak (WDG)	L	H	4604	Raptor
D	F	7098	Pencozeb 75DF	D	H	4750	Rave
D	F	7026	Pencozeb 80WP	L	H	4256	Reflex
L	H	4813	Pendimax 3.3	L	I	1552	Regent 4 SC
L	I	1164	Penncap-M	D	I	1532	Regent 80 WG
L	MG	9397	Pentia	D	H	4905	Regiment
L	I	1902	Permethrin 3.2 AG	L	MG	9394	Reglone
D	H	4525	Permit	L	H	4527	Resource
L	I	1884	Perm-UP 3.2 EC	L	H	4500	Rezult
L	MG	9137	PGR-IV	L	H	4398	Rezult B
D	I	1240	Phorate 20-G	L	H	4784	Rezult G
L	MG	9299	Pix	L	H	4903	Rhino
L	MG	9099	Pix Concentrate	L	H	4078	Rhomene MCPA Amine
L	MG	9295	Pix Plus	L	H	4262	Rhonox (EC)
L	MG	9038	Pix Ultra	L	H	4897	RiceStar HT
L	H	4329	Pledge 4SL	L	F	7286	Ridomil Gold EC
L	H	4081	Poast (1.5 EC)	D	F	7307	Ridomil Gold GR
L	H	4703	Poast 3.5	D	F	7341	Ridomil Gold PC
L	H	4334	Poast Plus (1EC)	D	F	7323	Ridomil Gold WSP
D	MG	9107	Polado L	L	I	1977	Rimon 0.83EC
D	I	1105	Pounce 1.5 G	D	F	7174	Ronilan DF (50%)
D	I	1106	Pounce 25WP	L	H	4700	Roundup Custom
L	I	1107	Pounce 3.2EC	L	H	4564	Roundup Export
L	MG	9039	Prep brand Ethephon	L	H	4093	Roundup Original
L	MG	9100	Prime+ EC	L	MD	9172	Roundup Original
L	H	4084	Princep 4L	L	H	4315	Roundup Original II
D	H	4249	Princep Caliber 90	L	MD	9342	Roundup Original II
L	H	4573	Prism (aka Select)	L	H	4939	Roundup Original Max
D	F	7568	Pristine	L	H	4707	Roundup Pro
L	I	1972	Proaxis	L	H	4561	Roundup Ultra
L	H	4712	Progress	L	MD	9281	Roundup Ultra
L	I	1057	Prolex	D	H	4762	Roundup Ultra Dry
L	H	4164	Propanil 3E	L	H	4881	Roundup Weather Max
L	H	4213	Propanil 4E	L	MG	9008	Royal MH-30
D	H	4337	Propanil WDG (50%)	L	H	4857	RT Master
L	F	7528	PropiMax EC				
L	H	4360	Prowl 3.3 EC				
D	H	4504	Prowl DG				

D/L	Class	Product Code	Product Name	D/L	Class	Product Code	Product Name
L	H	4675	Saber	L	F	7513	Stratego
L	H	4846	Salvan (Cornbelt)	D	H	4901	Strongarm
L	H	4265	Salvo	L	I	1529	Success
D	H	4874	Sandea	L	MG	9119	Sucker Plucker
D	H	4391	Savage				Concentrate (85%)
L	H	4266	Scepter	D	I	1394	Sulfur 92%
D	H	4318	Scepter 70DG	D	F	7129	Sulfur Dusting (92%)
L	I	1170	Scout X-Tra				(aka Honey Dew)
L	H	4396	See MCPA Ester	L	MD	9009	Sulfuric Acid Potato
L	H	4447	Select 2 EC				Vine Desiccant
L	H	4095	Sencor 4	L	MG	9260	Super Boll
D	H	4096	Sencor DF (75%)	L	F	7073	Super Tin 4L
L	H	4960	Sequence	D	F	7215	Super Tin 80WP
L	I	1132	Sevin 4F	D	H	4950	Suprend
D	I	1018	Sevin 80S	L	H	4516	Surpass 100
D	I	1496	Sevin 80WSP	D	H	4577	Surpass 20 G
L	I	1093	Sevin RP4	L	H	4103	Surpass 6.7-E
L	I	1019	Sevin SL	L	H	4515	Surpass EC
L	I	1092	Sevin XLR Plus	D	F	7393	Switch 62.5WG
L	MG	9062	Sevin XLR Plus	D	H	4501	Synchrony STS
L	H	4554	Shotgun Flowable				
			Herbicide	L	I	1467	Taiga Z
L	H	4048	Simazine 4L	L	H	4403	Targa
D	H	4049	Simazine 80 W	L	MS	9011	Telone II
D	H	4342	Simazine 90DF	D	I	1124	Temik 15G
D	H	4098	Sinbar (80WP)	D	I	1256	Thimet 15-G
L	MD	9079	Sodium Chlorate 2lb.	D	I	1127	Thimet 20-G
L	MD	9186	Sodium Chlorate 5lb.	L	I	1910	Thionex (Thiodan) 3EC
L	MD	9018	Sodium Chlorate 6lb.	L	F	7202	Thiophanate
L	H	4487	Solve MCPA Ester				Methyl 4.5F AG
L	H	4507	Sonalan HFP	L	F	7076	Tilt
D	H	4705	Spartan	L	F	7366	Tilt/Bravo
L	I	1543	SpinTor 2SC	L	H	4530	TopNotch
D	H	4641	Spirit	D	F	7151	Topsin 85 WDG
L	H	4269	Squadron	D	F	7040	Topsin M 70WP
L	H	4389	Stam 4SC	L	H	4281	Tordon 22K (2EC)
D	H	4338	Stam 80 EDF	L	H	4662	Touchdown 5
L	H	4270	Stam M4	L	H	4922	Touchdown CF
D	H	4560	Staple	L	H	4848	Touchdown Herbicide
L	H	4868	Starane + Saber	L	I	1526	Tracer
L	H	4819	Starane + Salvo	L	H	4983	Treflan 4L
L	H	4863	Starane + Sword	D	H	4508	Treflan 5G
L	H	4628	Starane EC	L	H	4108	Treflan E.C.
L	MD	9080	Starfire (1.5L)	L	H	4629	Treflan HFP
D	H	4845	Steadfast	D	H	4111	Treflan TR-10
D	H	4924	Steadfast ATZ	L	H	4450	Trifluralin 4 (EC)
L	H	4802	Sterling	L	H	4112	Trilin
L	I	1806	Steward	D	H	4285	Trilin 10G
L	H	4320	Stinger (3EC)	L	F	7321	Trilogy
L	H	4272	Storm	L	I	1899	Trimax

D/L	Class	Product Code	Product Name
L	H	4815	Trust 4EC
L	H	4867	Turret
L	H	4843	Ultra Blazer
D	H	4824	UpBeet
L	I	1903	Up-Cyde 2.5 EC
D	H	4871	Valor WP
L	MS	9012	Vapam
L	H	4317	Velpar L (2EC)
L	H	4893	Volley ATZ Lite
L	I	1247	Vydate C-LV (3.77lbs)
L	I	1177	Vydate L (2 Lbs)
L	I	1987	Warhawk
L	I	1553	Warrior
L	H	4204	Weed Killer 4D
L	H	4003	Weedar 64
L	H	4295	Weedmaster
L	H	4296	Weedone 638
L	H	4298	Weedone LV4 Solventless
L	H	4299	Weedone LV6
L	H	4308	Wham! EZ
L	H	4309	Whip 1EC
L	H	4379	Whip 360
L	H	4945	WideMatch
L	H	4946	WideMatch M
L	H	4899	WildCard
L	H	4247	Wise Up (aka Meychem Glyphosate)
D	H	4858	Yukon Herbicide
L	I	1983	Yuma 4E
L	I	1289	Zephyr 0.15 EC

### Conversion Factors for Liquid & Dry Products

#### Liquid Products:

- 1 Gallon = 4 Quarts
- 1 Quart = 2 Pints
- 1 Pint = 16 Fluid Ounces
- 2 Cups = 1 Pint

#### Dry Products:

- 1 Pound = 16 Dry Ounces
- 1 Ounce = 28.3 Grams
- 1 Pound = 453 Grams

### Abbreviations

AS	Aqueous Suspension
D	Dust
DF	Dry flowable
DG	Water-Dispersible Granules
E or EC	Emulsifiable Concentrate
ES	Emulsifiable solution
F or L	Flowable
G or GR	Granular
L	Liquid
LV	Low volatility
M or ME	Microencapsalted
P	Pellets
S	Solution
SL	Slurry
SP	Soluble powder
W or WP	Wettable powder
WDG or WG	Water-Dispersible Granules
WSP	Water-soluble packet

**Section F, Column 11****Pesticide Application Methods**

- 4 Seed Furrow
- 5 Chemigation (in irrigation water)
- 6 Chisel/injected or knifed in
- 8 Direct spray, foliar
- 10 Seed Treatment by producer prior to planting
- 11 Broadcast, ground, not incorporated
- 12 Broadcast, ground, w/ hood, not incorporated
- 13 Broadcast, ground, foliar
- 21 Broadcast, ground, incorporated
- 22 Broadcast, ground, w/ hood, incorporated
- 31 Broadcast, aerial
- 32 Broadcast, aerial, foliar

- 71 Banded/side-dressed
- 72 Banded/side-dressed, w/ hood
- 73 Banded/side-dressed, foliar
- 76 T-Banded (Combo of banded and injected), soil

**SPOT TREATMENTS**

- 91 Spot treatment
- 92 Spot treatment, w/ hood
- 93 Spot treatment, foliar

**Section G, Item 15****Pest Management Information Sources**

- 1 County, Cooperative, or University Extension Advisor, Publications or Demonstrations
- 2 Farm Supply or Chemical Dealer
- 3 Commercial Scouting Service
- 4 Independent Crop Consultant or Pest Control Advisor/Custom Applicator
- 5 Other Growers or Producers
- 6 Producer Associations, Newsletters or Trade Magazines
- 7 Electronic Information Services (*DTN, Internet, World Wide Web, etc.*)
- 8 Employee Pest Advisor
- 9 Other - (*Specify*) \_\_\_\_\_
- 10 None - Operator used no outside information source

## Section H, Item 1a.

### Irrigation System Type Codes

PRESSURE SYSTEMS	GRAVITY SYSTEMS
1 Hand-move	10 Siphon Tube from unlined ditches
2 Solid or Permanent Set	11 Siphon Tube from lined ditches
3 Side Roll or Wheel Line	12 Portal System from unlined ditches
4 Center Pivot or Linear Move with impact sprinklers	13 Portal System from lined ditches
5 Center Pivot or Linear Move low pressure spray nozzles below the tower and suspended above ground level	14 Any Poly Pipe System
6 Center Pivot or Linear Move with spray or bubbler nozzles discharging on or near the ground	15 Gated Pipe (not poly pipe)
7 Big Gun	16 Improved Gated Pipe (surge flow or cablegation not poly pipe)
8 Low Flow Irrigation (drip, trickle or micro spray)	17 Subirrigation
9 Other - Specify	18 Open discharge from well, pump, border large scale turned structures or large alfalfa valves
	19 Other - Specify

## Section H, Item 4c

### Practices to Improve Water Use Efficiency

Practice Code	Practice	Practice Code	Practice
1	Ditch Improvement	7	Flow/Limit & Monitor
2	Water Leveling	8	Field Borders / Run Off Control
3	Pipe Drop	9	Angle Dikes
4	Overflow Gate	10	Stale Seed Bed
5	Furrow Dams (check dam)	11	Tail Water Recovery
6	Underground Pipes	12	Alternating Row & Furrows



## Section I, Item 1 Col. 5

## Machinery and Implement Codes

**PLOWS and DISKS**

- 01 Chisel Plow (Big Ox)
- 02 Coulter Plow  
(Coulter Chisel, Soil Saver, Soil Conservor)
- 03 Deep Ripper  
(Knife, Bed Knife, Slide)
- 04 Disk Plow

**Moldboard**

- 05 Regular
- 06 Two-way
- 07 Stubble-mulch  
(Noble, Sweeps, Hoeme Plow, Muckeroy Plow)
- 08 Subsoiler  
(Chisel, Ripper, V-ripper, Big Ox)
- 09 Disk-chisel (Mulch Tiller)

**Offset Disk**

- 10 Heavy Disk
- 11 Light Disk
- 12 One-way Disk (Disk Tiller)
- 13 Single Disk

**Tandem Disk**

- 14 Plowing
- 15 Regular
- 16 Paraplow

**PACKERS**

- 51 Culti-packer  
(Pulverizer, Crow-foot, Serrated, Ring, Spiral)

**Roller-packer**

- 52 Attachment, Plow Packer
- 53 Smooth & Flat, Roller Packer

**PLANTERS**

- 108 Sprig Planter
- 111 Bedder-shaper Planter
- 112 Lister-bedder
- 113 No-till, Minimum Till,  
(Ripper Planter)
- 114 Conventional,  
Regular (Tye, Flex)
- 115 Air Delivery/vacuum
- 116 Ridge till
- 359 Vegetable Planter

**DRILLS and SEEDERS**

- 101 Aerial Seeding
- 102 Broadcast Seeder

**Drill**

- 103 Air Delivery
- 104 Lister Disk, Grain
- 105 No-till, Minimum till
- 106 Plain, Grain
- 107 Press, Disk or Hoe

**CULTIVATORS**

- 21 Field Cultivator  
(Regular Digger, Triple K, Danish Tined, Swedish Tined, Incorporated, S-tine, Cultivator, Vibra-shank Harrow, Lilliston Tiller)
- 22 Furrow-out
- 23 Rotary Hoe (Crust Buster)

**Row**

- 24 Disk Sweep, Shovel
- 25 Rolling, Rotary

**Field Cultivator**

- 26 Heavy Duty (Duckfoot Cultivator)
- 27 Marker
- 28 Fallow Master

**BEDDERS-SHAPERS**

- 41 Bedder (Shaper, Bedshaper, Crowder)
- 42 Bed Shaper, Bed Former
- 364 Plastic Mulcher/Bedder

**Disk**

- 43 Hipper
- 44 Row
- 45 Float
- 46 Lister (Middle-buster)
- 47 Rotovator-bedder
- 48 Seedbed Roller (Flat Roller)
- 49 Sub-soil Bedder (Ripper-hipper)
- 50 Discovator

**HARROWS (DRAGS)**

- 30 Heavy Harrow
- 31 Field Conditioner  
(Scratcher, Seed Bed Conditioner, Soil Conditioner, Ground Hog)
- 32 Finishing (Harrogator, Spiral, Roller, Knives, Shanks, Pegs, Smoother)
- 33 Flex-tine Tooth (Coil Tine)
- 34 Multi-weeder (Cultivator & Harrow)
- 35 Rail, Pipe, Log, Plank
- 36 Rod Weeder
- 37 Roller (Culti-mulcher, Pulvi-mulcher, Crumbler, Packer-mulcher, Packer & Shanks)
- 38 Spike Tooth
- 39 Spring Tooth
- 40 Powered Spike Tooth Harrow

**MISCELLANEOUS TILLAGE**

- 61 Land-all, Do-all Mix-n-till, Till-all (Disk, Shovels, Reel & Spikes)
- 62 Mulch Treader, Picker, Skew Treader
- 63 Roto-tiller
- 64 Roterra (Roto-spike, Lely)
- 65 Sand-fighter
- 66 Soil Finisher (Finishing Tool, Mulch Finisher, Tri-tiller, Task Master)
- 67 Root Crown Puller
- 68 Stalk Puller/Chopper

**SUGARCANE EQUIPMENT**

**Planters**

- 350 Mechanical (Billet)
- 351 Hand

**Harvesters**

- 352 Single Row Chopper
- 353 Single Row Soldier
- 354 Two Row Soldier

**Transfer Wagons**

- 355 Billet, field
- 356 Wholestalk, field

**Misc**

- 357 Wholestalk Loader, field
- 363 Row Shaver

**SUGARBEET EQUIPMENT**

- 231 Beater (Defoliator)

**Harvester**

- 233 Regular or Direct
- 234 Tank
- 235 Other

**Thinner**

- 236 Mechanical (Electronic)
- 237 Mechanical (Random)
  
- 238 Planter
- 239 Topper (Top saver)

**TOBACCO EQUIPMENT**

**Mechanical Harvester –  
(Self-propelled)**

- 251 Multi-pass
- 252 Last-over
- 253 Once-over

**Mechanical Harvester –  
(PTO-driven)**

- 271 Multi-pass
- 272 Last-over
- 273 Once-over

**Priming Aids**

- 254 Field Box Filling
- 255 Field Racking
- 256 Looping on Sticks in Field
- 257 Other

- 262 Stripping Machine
- 263 Stripper, Carousel
- 264 Swinging Frame or Schaffel Wagon

- 265 Topper, 2 Row
- 266 Topper, 4 Row

- 258 Trailer/Wagon/Cart (Harvest)
- 259 Transplanter
- 270 Transplanter, Carousel
- 260 Transplant Digger, (Mechanical)

- 261 Tying Machine

**PEANUT EQUIPMENT**

- 281 Combine, PTO
- 282 Digger-shaker
- 283 Shaker-inverter
- 284 Reshaker-conditioner
- 285 Vine cutter
- 286 Wagon

**COTTON EQUIPMENT**

- 211 Chopper (Stalk Cutter)
- 212 Module Builder
- 213 Gleaner

**Picker**

- 214 Mounted
- 215 Self-Propelled

- 216 Rood Machine

**Stripper**

- 217 Mounted
- 218 Pull-Type
- 219 Self-Propelled

**Misc**

- 220 Trailer
- 221 Boll Buggy

**HARVESTING EQUIPMENT**

**Small Grains/Row Crops Combine**

- 121 Hillside
- 122 Self-propelled, 2wd
- 123 Self-propelled, 4wd
- 124 Track
- 125 PTO/motor Mounted

**Windrower-swather**

- 126 (Grain/hay) pto
- 127 (Grain/hay) Self-propelled

- 133 Corn Picker
- 134 Hand Harvesting
- 135 Tassel Stalker
- 224 Corn Binder

**Misc**

- 360 Vegetable Picker (Snap Bean)
- 358 Root Crop Digger/Harvester

**LAND FORMING EQUIPMENT**

- 171 Backhoe
- 172 Disk Border Maker
- 173 Ditch Closer
- 174 Ditcher (Vee Rotary)
- 175 Levee Plow Disk
- 176 Quarter Drain Machine
- 177 Rear Mounted Blade
- 178 Corrugator (Furrow Dicer,  
Dammar Dicer, Dicer)
- 180 Land Plane Leveler (Water  
Leveler)
- 181 Laser Planer, Laser Leveler
- 182 Gate Setter
- 183 Bull Dozer

**OTHER IMPLEMENTS**

- 191 Burn Buggy
- 192 Chaff/straw Saver
- 193 Electric-discharge Weed Killer
- 196 Off-field Thresher
- 197 Rock Picker
- 198 Rock Windrower or Rake
- 199 Rodent (Gopher) Killer
- 200 Roller Groover
- 201 Rubber-wheeled Weed Puller
- 202 Flail Shredder
- 203 Rotary Shredder
- 204 Silage Harvester
- 205 Stalk Shredder, Stalk Cutter
- 206 Swath Roller
- 207 Tractor or Truck - No Attachments
- 223 Flame Thrower
- 240 Aerator

**TRUCKS**

- 301 Single Axle
- 302 Double Axle
- 303 Tri-Axle
- 304 Semi
- 305 Other Trucks

**MOWERS and BALERS**

- 141 Amish Harvester

**Baler**

- 145 Motor Mounted
- 146 PTO (Large)
- 147 PTO (Small)
- 148 Self-propelled

**Mowers**

- 149 Mower-chopper-Rotary
- 150 Conditioner/PTO
- 151 Self-propelled
- 152 Drum-disk
- 153 Flail
- 154 Sickle

**Rake**

- 155 Dump
- 156 Side Delivery
- 157 Wheel
- 162 Hay Tedder

**HAULING EQUIPMENT****Bale Wagon/Mover**

- 142 Bale wagon (PTO)
- 143 Bale wagon (Self-propelled)
- 144 Bale Loader
- 158 Stack Mover
- 159 Stacker, Automatic
- 160 Front End Loader
- 161 Round Bale Mover

**Trailers/Wagons**

- 194 General Purpose Wagon/Cart
- 195 Hay Wagon
- 208 Gravity Wagon
- 209 Grain Cart w/ Auger
- 221 Forage Wagon
- 222 Dump Wagon
- 220 Other Trailers

### VALUE OF SALES

#### Section L, item 5 . .

<b>99</b>	None during 2005
<b>1</b>	\$1 - \$999
<b>2</b>	\$1,000 - \$2,499
<b>3</b>	\$2,500 - \$4,999
<b>4</b>	\$5,000 - \$9,999
<b>5</b>	\$10,000 - \$24,999
<b>6</b>	\$25,000 - \$49,999
<b>7</b>	\$50,000 - \$99,999
<b>8</b>	\$100,000 - \$249,999
<b>9</b>	\$250,000 - \$499,999
<b>10</b>	\$500,000 - \$999,999
<b>11</b>	\$1,000,000 and over

#### Section L, item 6

### FARM TYPE CODES

1	GRAINS, OILSEEDS and DRY BEANS	9	HOGS and PIGS
2	TOBACCO	10	MILK and OTHER DAIRY PRODUCTS FROM COWS
3	COTTON and COTTONSEED	11	CATTLE and CALVES
4	VEGETABLES, MELONS and POTATOES	12	SHEEP, GOATS, and THEIR PRODUCTS
5	FRUIT TREES, NUTS and BERRIES	13	HORSES, PONIES and MULES
6	NURSERY, GREENHOUSE, FLORICULTURE and SOD	14	POULTRY and EGGS
7	CUT CHRISTMAS TREES and SHORT WOODY CROPS	15	AQUACULTURE
8	OTHER CROPS and HAY, CRP and PASTURE	16	OTHER ANIMALS and OTHER ANIMAL PRODUCTS