

CONSERVATION EFFECTS ASSESSMENT PROJECT (CEAP) for 2005

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

SCHEDULING CODES

- | |
|---|
| <ol style="list-style-type: none"> 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: _____ |
|---|

Section C, Item 1
Line 19

CROP CODES

Section C Crop Table *Abbreviated listing for CEAP*

Alfalfa seed	35	Corn, dry fodder, hogged or grazed	218
Amaranth	221	Corn, for corn nuts	195
Artichokes	101	Corn, grain	6
Asparagus	102	Corn, seed	38
Avocados	55	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	259
Bromegrass seed	215	Escarole	260
Brussels sprouts	105		
Buckwheat	84	Fava beans	154
		Field and forage crops, other	317
Cabbage, fresh	2106	Flaxseed	9
Cabbage, processed for kraut	4106	Forage and greenchop	10
Canola	85	Foxtail millet seed	204
Cantaloupe	4		
Carrots	107	Garlic	114
Castor beans	86	Ginger root	89
Cauliflower	108	Ginseng	198
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	Greenhouse produced vegetables	250
Clover seed	194	Greens	116
Clover seed, crimson	214	Guar	160
Clover seed, ladino	202	Guava	90
Clover seed, red	43		
Clover seed, white	203	Hay, alfalfa and alfalfa mixtures	1
Coffee	88	Hay, Bahia	232
Collards	185	Hay, Bermudagrass	231
Corn, all	191	Hay, other	11

Hay, small grain	217	Peppers, bell	126
Hay, wild	225	Peppers, hot	244
Herbs, dried	211	Peppers, other	127
Herbs, fresh	212	Persimmons	70
Hops	12	Pimientos	245
Horseradish	151	Pomegranates	72
		Popcorn	19
Idle cropland	318	Potatoes	20
Indian corn	188	Pumpkins	128
Kale	186	Radishes	129
Kenaf	181	Rapeseed	170
		Rapini	130
Lespedeza seed	41	Redtop seed	205
Lettuce, head	117	Rhubarb	143
Lettuce, other	149	Rice	21
Lettuce, romaine	146	Rice, sweet	319
Lima beans, dry	268	Rice, wild	178
Lima beans, fresh	2115	Rutabagas	147
Lima beans, processed	4115	Rye	22
Lentils	169	Ryegrass seed	136
Lotus root	210		
		Safflower	98
Meadow foam	139	Sage	168
Melons, honeydew	13	Sesame	152
Melons, miscellaneous	14	Shallots	144
Millet	141	Silage & haylage (except corn & sorghum)	23
Mint, all for oil	159	Snap beans, fresh	2131
Mungbeans	197	Snap beans, processed	4131
Mushrooms	93	Sorghum, all	192
Mustard cabbage	253	Sorghum, grain	25
Mustard greens	187	Sorghum, hay	219
Mustard seed	94	Sorghum, hogged	220
		Sorghum, molasses	174
Oats	15	Sorghum, silage	24
Okra	118	Sorghum-sudan crosses	180
Olives	67	Southern peas, cowpeas, crowder	243
Onions, dehydrated	135	Soybeans	26
Onions, dry	120	Spearmint	27
Onions, green	119	Spinach, fresh	2132
Orchard grass seed	42	Spinach, processed	4132
		Squash, summer	133
Parsley	121	Squash, winter	150
Pastured cropland	316	Strawberries	74
Peanuts	16	Sudan	167
Peas, all other	123	Sudangrass seed	206
Peas, Austrian winter	200	Sugarbeets for seed	137
Peas, blackeye	124	Sugarbeets for sugar	28
Peas, cowpeas	125	Sugarcane for seed	209
Peas, dry edible	17	Sugarcane for sugar	29
Peppermint for oil	18	Summer fallow	333

Sunflower seed, non-oil varieties	148	Turnip greens	189
Sunflower seed, oil varieties	30	Turnips	145
Sweet corn for seed	246		
Sweet corn, fresh	2110	Vegetables, other	236
Sweet corn, processed	4110	Vegetables, seeds	37
Sweet potatoes	31	Vetch seed, hairy	39
Sweetclover seed	208		
		Watercress	238
Tall fescue seed	44	Watermelons	33
Teff	199	Wheatgrass seed	201
Timothy hay and clover	310	Wheat, all	34
Timothy seed	45	Wheat, all, for seed	172
Tobacco transplants from beds	175	Wheat, durum	163
Tobacco, burley	193	Wheat, other spring	164
Tobacco, flue-cured	196	Wheat, winter	165
Tobacco, other	32		
Tomatoes, fresh	2134	Pasture as crop rotation	316
Tomatoes, processed	4134		
Triticale	162		
Tung nuts	51		

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, Column 12 .

APPLICATION CODES FOR COLUMN 12

- 1 Beef cattle
- 2 Dairy cattle
- 3 Hogs
- 4 Sheep
- 5 Poultry
- 6 Equine
- 7 Biosolids
- 8 Other
- 9 Don't Know

Section D, Item 2

Common Fertilizers & Percent Analysis

[Enumerator Note: If Respondent cannot report the formulation for Section F, item 3, enter the formulations below.]

Name	Percent Active Ingredient				
	FORM	N	P ₂ O ₅	K ₂ 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 ammonium 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 8**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	Code	Product Name	D/L Class	Code	Product Name		
L	H	4351	2,4-D/Agsco 400 (EC)	D	I	1869	AZA-Direct
L	H	4758	2,4-D/Amine	D	I	1468	Aztec 2.1 Granular
L	H	4377	2,4-D/Amine 4				
L	H	4664	2,4-D/Amine 6	L	H	4786	Backdraft
L	H	4531	2,4-D/Barrage	L	H	4823	Balance Pro
L	H	4443	2,4-D/Class LV4	L	H	4136	Banvel (4L)
L	H	4522	2,4-D/Clean Crop Low Vol 4	L	H	4617	Banvel + 2,4-D
L	H	4444	2,4-D/Class 40A	L	H	4327	Banvel SGF (2EC)
L	H	4203	2,4-D/Esteron 6E	L	H	4796	Basagran T/O
L	H	4204	2,4-D/Esteron 99 Concentrate	L	H	4019	Basagran(5L)
L	H	4221	2,4-D/Hi-Dep	D	H	4521	Basis (WDG)
L	H	4480	2,4-D/LV 6	D	H	4611	Basis Gold WDG
L	H	4818	2,4-D LV 4 Ester	L	I	1246	Baythroid 2 (EC)
L	H	4562	2,4-D/Riverside LV4	D	H	4140	Beacon (75DF)
L	H	4265	2,4-D/Salvo	L	H	4386	Betamix (EC)
L	H	4296	2,4-D/Weedone 638	L	H	4387	Betanex (EC)
L	H	4299	2,4-D/Weedone LV6	L	H	4920	Beyond (Clearfield Crops)
L	H	4811	2,4-D/Weedone LV6 IOE	L	H	4021	Bicep 6L
L	H	4298	2,4/D/Weedone LV4	L	H	4470	Bicep II
				L	H	4637	Bicep II Magnum
L	H	4006	AAAtrex 4L	L	H	4468	Bicep Lite II
D	H	4007	AAAtrex 80W	L	H	4638	Bicep Lite II Magnum
D	H	4008	AAAtrex Nine-O (WP)	L	H	4694	Bicep Magnum TR
D	H	4339	Accent (75DG)	L	I	1213	Bidrin 8
D	H	4648	Accent Gold	L	H	4022	Bladex 4L
D	I	1483	Acephate 75 WSP	L	H	4146	Blazer 2L
D	I	1525	Acephate 90SP	L	H	4324	Bolero 8EC
D	H	4657	Achieve 40DG	L	H	4795	Boundary
L	H	4892	Achieve SC	L	H	4963	Brash
D	F	7239	Acrobat MZ	D	F	7241	Bravo Ultrex (82.5 WDG)
L	I	1427	Admire 2F	L	F	7008	Bravo Weather Stik (6EC)
D	H	4683	AIM	L	F	7193	Bravo ZN
D	MD	9370	Aim	L	H	4489	Broadstrike + Dual
L	H	4879	Aim EC	L	H	4655	Bromox/MCPA 2 - 2
L	H	4880	Aim EW / Avalanche	L	H	4864	Bronate
D	H	4123	Ally XP (60DF)	L	H	4153	Bronate (4EC)
L	H	4859	Ally Extra	L	H	4856	Bronate Advanced
D	H	4390	Amber	L	H	4884	Buccaneer Herbicide
L	I	1002	Ambush Insecticide	D	H	4155	Buckle (G)
L	I	1133	Ammo 2.5EC	L	H	4024	Buctril (2EC)
L	I	1209	Aqua 8 Parathion	L	H	4026	Buctril + Atrazine (1+2EC)
L	H	4130	Arrosolo 3-3E	L	H	4025	Buctril 4EC
L	I	1003	Asana (1.9EC)	L	H	4027	Bullet (4EC)
L	I	1004	Asana XL (.66EC)	L	H	4158	Butoxone 200 (2EC)
L	H	4134	Assure	L	H	4159	Butyrac 175 (1.75EC)
L	H	4371	Assure II	L	H	4160	Butyrac 200 (2EC)
L	H	4041	Atrazine 4L				
L	H	4042	Atrazine 5L	L	H	4679	Cadre
D	H	4043	Atrazine 80 (WP)	D	H	4680	Cadre DG
D	H	4044	Atrazine 90DF	L	H	4847	Callisto (4L)
D	H	4681	Authority (DG)	D	H	4161	Canopy (75DG)
D	H	4603	Authority Broadleaf	D	H	4610	Canopy XL
L	H	4135	Avenge (2L)	L	H	4031	Caparol 4L
D	H	4651	Axiom DF	L	I	1140	Capture 2EC

D/L Class	Code	Product Name	D/L Class	Code	Product Name		
D	H	4799	Celebrity Plus	L	H	4659	Dual Magnum
D	I	1868	Centric	L	H	4806	Duet
L	F	7244	Champ Formula 2	L	F	7226	Echo 720
D	F	7224	Champ Formula II DF	L	F	7465	Eminent 125 SL
L	H	4465	Cheyenne FM (container #2)	L	I	1199	Endosulfan 3EC
L	H	4887	Cinch ATZ	L	H	4053	Eptam 7-E
L	H	4469	Clarity 4L	L	F	7515	Equus 720
D	H	4167	Classic (25DG)	L	MG	9207	Ethephon 6 (EC)
L	H	4875	Clear-Out 41 Plus / Gly Star Plus	D	H	4855	Everest
L	H	4904	Clincher SE	D	H	4055	Evik 80W
L	H	4169	Cobra (2E))	D	H	4523	Exceed 64.6 DF
L	I	1008	Comite (6.55EC)	D	H	4205	Express (DF)
L	H	4578	Command 3ME	L	H	4206	Extrazine 4L
L	H	4171	Command 4EC	DL	H	4756	Extreme
L	H	4841	Command Xtra	D	H	4336	Facet 50WP
L	H	4172	Commence EC	D	H	4693	Facet 75 DF
L	I	1441	Confirm 2F	L	H	4210	Fallow Master
L	H	7053	Copper Sulfate	L	H	4057	Far-Go
L	H	4872	Cornerstone	D	H	4211	Far-Go Granular (10%)
L	H	4176	Cotoran 4L	L	H	4642	Field Master
D	H	4178	Cotoran DF	D	H	4214	Finesse (DF)
L	H	4034	Cotton-Pro (4E)	L	MG	9220	Finish (4 lb.)
L	MG	9222	CottonQuik (aka ETK-2201)	L	MG	9283	Finish 6
D	I	1009	Counter (15G)	D	H	4643	FirstRate
D	I	1241	Counter 20CR	L	H	4532	Flexstar
L	H	4894	Credit	L	MD	9047	Folex 6EC
L	I	1249	Curacron 8E	L	F	7254	Folicur
L	H	4117	Curbit EC	D	I	1149	Force 1.5G
L	H	4180	Curtail (EC)	D	I	1440	Force 3G
L	H	4365	Curtail M (EC)	L	H	4448	Frontier 6.0
L	MD	9031	Cyclone (2EC)	D	I	1823	Fulfill (50WDG)
L	MD	9049	Def 6	L	H	4597	Fultime Herbicide
D	H	4849	Define	D	I	1053	Furadan 15G
L	MD	9014	Defol 6	L	I	1054	Furadan 4F
L	H	4803	Degree Xtra	L	I	1374	Fury 1.5 EC
D	H	4038	Devrinol 50-WP	L	H	4492	Fusilade DX
L	I	1034	Di-Syston 8 (EC)	L	H	4442	Fusion
L	I	1041	Diazinon 4E	L	I	1521	Fyfanon ULV
L	I	1398	Diazinon 25% Spray (2EC)	D	H	4962	Gangster
L	H	4866	Dicamba SG	D	H	4915	Gangster FR
L	I	1403	Dimethoate 5 lb.	D	H	4839	Gauntlet
L	I	1028	Dimethoate 2.67EC	L	MD	9221	Ginstar EC
L	I	1267	Dimethoate 400	D	H	4125	Glean FC (75DF)
L	H	4039	Direx 4L	L	H	4882	Gly Star Plus
D	H	4040	Direx 80DF	L	H	4580	Glyphos X-TRA
L	H	4820	Discover	L	H	4840	Glyphomax/Glyphomax Plus
L	H	4938	Discover NG	L	H	4890	Glyphosate 4
D	H	4677	Distinct	L	H	4838	Glyphosate Original
L	F	7015	Dithane F-45 Flowable	L	H	4542	Goal 2XL
D	F	7016	Dithane M-45	L	H	4314	Gramoxone Extra (2.5L)
L	H	4045	Diuron 4L	L	MD	9399	Gramoxone Max
D	H	4605	Diuron 80DF	L	H	4654	Gramoxone Max/Cyclone Concentrate
D	H	4807	Domain	L	H	4064	Gramoxone Super (1.5L)
L	H	4534	DoublePlay	L	H	4449	Grandstand
D	MD	9046	Dropp 50WP	L	H	4484	Grazon ET
D	MD	9290	Dropp Ultra	L	H	4494	Guardsman Herbicide
L	H	4511	Dual 4E	L	H	4852	Guardsman Max
L	H	4660	Dual II Magnum				
L	H	4661	Dual II Magnum SI				
D	H	4753	Dual IIG Magnum				

D/L Class	Code	Product Name	D/L Class	Code	Product Name	
D	H	4139	Harmony Extra (DF)	L	MG 9168	Maleic Hydrazide
D	H	4137	Harmony GT	L	F 7064	Manex (4EC)
L	H	4602	Harness	D	F 7025	Manzate 200 DF (75%)
D	H	4650	Harness 20G	L	F 7067	Manzate 200 Flowable (4EC)
L	H	4490	Harness Plus	L	H 4579	Manifest B&G
L	H	4529	Harness Xtra	L	I 1751	Marathon II
L	H	4649	Harness Xtra 5.6L	L	H 4235	Marksman
L	F	7522	Headline	L	H 4612	Matador Herbicide
L	H	4955	Helosate Plus	D	H 4566	Matrix (aka Shadeout)
L	I	1544	Hels-Mate	D	H 4791	Maverick
L	H	4065	Hoelon 3EC	L	MG 9405	Mepex Plus
L	H	4222	Honcho	L	MG 9188	Mepichlor 4.2% Liquid
D	H	4517	Hornet	L	MG 9420	Mepiquat Chloride, Farm Saver
D	H	4861	Hornet WDG	L	H 4293	MCP 4 Ester
L	H	4333	Ignite 1SC	L	H 4292	MCP Amine 4
L	I	1863	Intrepid 2F	L	H 4878	MCPA Amine
D	I	1901	Intruder	L	I 1072	Metasystox-R (2EC)
D	I	1469	Javelin ECB	L	I 1158	Methyl Parathion 4EC
L	I	1252	Karate (1EC)	L	I 1086	Methyl Parathion 6EC
L	I	1707	Karate Z	L	I 1088	Methyl Parathion 7.5EC
D	H	4066	Karmex DF	L	H 4231	Micro-Tech
L	I	1062	Kelthane MF	D	F 7203	Microcop
D	H	4067	Kerb 50-W	L	H 4491	Mirage (4EC)
L	H	4888	Keystone	L	I 1082	Mocap EC
D	F	7167	Kocide DF	L	I 1329	Monitor 4 EC
L	H	4524	Laddok S-12	L	H 4144	MSMA 4 Plus
L	H	4229	Landmaster BW	L	H 4194	MSMA 6 Plus
L	I	1064	Lannate LV (2.4 lbs.)	L	H 4147	MSMA 6.6 (EC)
D	I	1065	Lannate SP	L	I 1363	Mustang
L	H	4230	Lariat (4F)	L	I 1895	Mustang Max
L	I	1066	Larvin 3.2	L	H 4916	Newpath Herbicide (Clearfield Rice Sys)
L	H	4069	Lasso (4EC)	D	H 4692	NorthStar
L	H	4071	Lasso/Atrazine 4EC	L	H 4388	Nortron EC
L	H	4665	LeadOff	D	F 7140	Nova 40W
L	I	1814	Leverage 2.7	L	I 1278	Oil
L	H	4640	Liberty	D	H 4860	Option
L	H	4678	Liberty ATZ	L	H 4138	Oracle Dicamba Agricultural Herbicide
D	H	4607	Lightning DG	D	H 4242	Ordram 15-G
L	H	4074	Linex 4L	D	I 1102	Orthene 75 S
L	H	4047	Linuron 4L	D	I 1481	Orthene 75 WSP
L	I	1283	Lock-On	D	I 1258	Orthene 90 S
L	H	4233	Londax (60DF)	D	I 1509	Orthene 90 WSP
D	H	4077	Lorox DF (50%)	D	I 1822	Orthene 97
D	I	1068	Lorsban 15G	D	I 1316	Orthene Tobacco Insect Spray
L	I	1069	Lorsban 4E	L	H 4862	Outlook
D	I	1070	Lorsban 50W	L	H 4822	Outlook (6L)
L	I	1881	Lorsban 4E SG	L	MG 9419	Palisade EC
L	I	1434	Lorsban 4E-HF	L	I 1407	Parathion 4lb.
L	H	4885	Lumax	D	H 4352	Partner WDG
L	H	4826	LV 400 2,4-D Weed Killer	D	H 4569	Peak
L	I	1725	Malathion 5 EC (56%)	L	H 4813	Pendimax 3.3
L	I	1228	Malathion 8	L	I 1164	Penncap-M
L	I	1157	Malathion ULV 9.33 Lb (95%)	D	F 7098	Penncozeb DF (75%)
L	I	1750	Malathion 8 Flowable	L	MG 9397	Pentia
				L	I 1884	Perm-Up or Waylay 3.2 EC
				L	I 1902	Permethrin 3.2 AG

D/L Class	Code	Product Name	D/L Class	Code	Product Name		
L	I	1884	Perm-Up or Waylay 3.2 EC	L	I	1170	Scout X-TRA
L	MG	9137	PGR-IV	L	H	4447	Select 2 EC
D	I	1240	Phorate 20-G	L	H	4095	Sencor 4
L	MG	9099	Pix Concentrate (2.01 lb)	D	H	4587	Sencor 50WP
L	MG	9038	Pix Plant Regulator	D	H	4096	Sencor DF (75%)
L	MG	9295	Pix Plus	L	I	1132	Sevin 4F
L	I	1859	Platinum	L	MG	9062	Sevin XLR Plus (4E)
L	H	4081	Poast (1.5 EC)	L	H	4554	Shotgun Flowable Herbicide
L	H	4334	Poast Plus (1EC)	L	H	4048	Simazine 4L
D	MG	9107	Polado	D	H	4342	Simazine 90DF
L	I	1107	Pounce 3.2EC	D	H	4049	Simazine 80W
L	MG	9039	Prep (6 EC)	D	H	4098	Sinbar (80(WP)
L	MG	9100	Prime+	L	H	4100	Sonalan (3EC)
D	H	4083	Princep 4G	D	H	4474	Sonalan 10G
L	H	4084	Princep 4L	L	H	4507	Sonalan HFP
D	H	4085	Princep 80W	D	H	4705	Spartan
D	H	4249	Princep Caliber 90	D	H	4641	Spirit
L	H	4573	Prism	D	H	4338	Stam 80 EDF
L	H	4712	Progress	L	H	4270	Stam M-4
D	H	4337	Propanil WDG (50%)	D	H	4560	Staple
L	I	1439	Provado 1.6 Flowable	L	H	4863	Starane + Sword
L	H	4360	Prowl 3.3 EC	L	H	4628	Starane EC
D	H	4504	Prowl DG	L	MD	9080	Starfire (1.5L)
L	H	4581	Puma 1EC	D	H	4845	Steadfast
L	H	4254	Pursuit /Pursuit W	L	H	4582	Steel
D	H	4505	Pursuit DG	L	H	4802	Sterling
L	H	4255	Pursuit Plus (EC)	L	I	1806	Steward
D	H	4646	Python WDG	L	H	4320	Stinger (3EC)
L	F	7291	Quadris (aka Abound)	L	H	4272	Storm
L	H	4604	Raptor	L	F	7513	Stratego
D	H	4750	Rave	D	H	4901	Strongarm
L	H	4256	Reflex 2LC	L	I	1529	Success
L	I	1552	Regent 4 SC	L	MG	9119	Sucker Plucker Concentrate (85%)
L	MD	9394	Reglone	D	F	7129	Sulfur Dusting (93%)
L	H	4527	Resource	L	MD	9009	Sulfuric Acid Potato Vine Dessicant
L	H	4500	Rezult A	L	MG	9260	Super Boll aka Mature
D	F	7308	Ridmil Gold Bravo	L	H	4516	Surpass 100
L	F	7286	Ridomil Gold EC	D	H	4577	Surpass 20G
D	F	7341	Ridomil Gold PC	L	H	4103	Surpass 6.7-E
L	H	4830	Riverdale Triplet Selective Herbicide	L	H	4515	Surpass EC
D	F	7174	Ronilan DF (50%)	D	H	4501	Synchrony STS
L	H	4700	Roundup Custom	D	F	7572	Tanos
L	H	4376	Roundup D-Pak	L	MS	9011	Telone II
L	H	4564	Roundup Export	D	I	1124	Temik 15G
L	H	4093	Roundup Original	D	I	1256	Thimet 15-G
L	H	4939	Roundup Original Max	D	I	1127	Thimet 20-G
L	H	4315	Roundup Original RT	L	I	1910	Thionex Endosulfan 3EC
L	H	4707	Roundup PRO	L	F	7076	Tilt
L	H	4561	Roundup Ultra	L	F	7366	Tilt/Bravo
D	H	4762	Roundup Ultra Dry	L	H	4530	TopNotch
L	H	4763	Roundup Ultra Max	D	F	7040	Topsin M 70W
L	H	4881	Roundup Weather Max	L	H	4281	Tordon 22K (2EC)
L	F	7032	Rovral 4 Flowable	L	H	4662	Touchdown 5
L	MG	9008	Royal MH-30 (1.5EC)	L	H	4362	Touchdown 6
L	H	4857	RT Master	L	H	4848	Touchdown IQ
L	H	4675	Saber Herbicide	L	I	1526	Tracer
L	H	4846	Salvan (Cornbelt)	L	H	4109	Treflan 5 (EC)
L	H	4865	Salvo	L	H	4108	Treflan EC
				L	H	4629	Treflan HFP

D/L Class Code Product Name

D	H	4111	Treflan TR-10
L	H	4286	Tri-4 (EC)
D	H	4452	Trifluralin 10G
L	H	4450	Trifluralin 4 (EC)
L	H	4112	Trilin (4EC)
D	H	4285	Trilin 10G
L	I	1899	Trimax
L	H	4815	Trust 4EC
D	H	4824	UpBeet
D	H	4871	Valor or Valor WP
L	MS	9012	Vapam (3.18 lb.)
L	H	4317	Velpar L (2EC)
D	H	4115	Velpar (90SP)
L	I	1247	Vydate C-LV (3.77lbs)
L	I	1177	Vydate L (2 Lbs)

D/L Class Code Product Name

L	I	1553	Warrior T
L	I	1435	Warrior with Zeon
L	H	4003	Weedar 64
L	H	4295	Weedmaster
L	H	4364	Weedone 170
L	H	4673	Zorial Flowable

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: **[If Column 11 = 91, 92, or 93 (spot treatment), then Columns 8 and 12 must be blank.]**

- 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 2a.**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 values
		19	Other - Specify

Section H, Item 11c**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

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

PACKERS

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

Roller-packer

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

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 Billet
- 351 Hand

Harvesters

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

Transfer Wagons

- 355 Billet, field
- 356 Wholestalk, field

- 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

- 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

- 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

MOWERS and BALERS

- 141 Amish Harvester

Bale Wagon

- 142 PTO
- 143 Self-propelled

- 144 Bale Loader

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

- 158 Stack Mower
- 159 Stacker, Automatic
- 160 Front End Loader
- 161 Round Bale Mover
- 162 Hay Tedder

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

HAULING

- 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

TRUCKS

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

FERTILIZER APPLICATORS

- 71 Aerial (Fixed or Rotary Wing)
- 72 Attached to Implement
- 73 Manure Spreader
- 74 Self-propelled
- 75 Truck Spreader

Tractor Mounted

- 76 Anhydrous
- 77 Dry
- 78 Liquid

Trailer Mounted

- 79 Anhydrous
- 80 Dry
- 81 Liquid

CHEMICAL APPLICATORS

- 91 Aerial (Fixed or Rotary Wing)
- 92 Attached to Implement
- 93 Large Self-propelled or Truck
- 94 Motorcycle or ATV Sprayer
- 95 Small Self Propelled Sprayer (Spra-coupe, Hi-cycle)
- 96 Small Truck (Pick-up with Slide-in Unit, Skid Mounted)
- 97 Tractor Mounted
- 98 Trailer Mounted

VALUE OF SALES**Section L, item 5 . .**

- | | |
|-----------|-----------------------|
| 99 | None during 2004 |
| 1 | Less than \$1,000 |
| 2 | \$1,000 - \$2,499 |
| 3 | \$2,500 - \$4,999 |
| 4 | \$5,000 - \$9,999 |
| 5 | \$10,000 - \$24,999 |
| 6 | \$25,000 - \$49,999 |
| 7 | \$50,000 - \$99,999 |
| 8 | \$100,000 - \$249,999 |
| 9 | \$250,000 - \$499,999 |
| 10 | \$500,000 - \$999,999 |
| 11 | \$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 |