

NATIONAL RESOURCES INVENTORY

CONSERVATION EFFECTS ASSESSMENT PROJECT

**(NRI - CEAP)
2013**

Respondent Booklet

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CROP CODES
Sections C, D, F, and I
Abbreviated listing for CEAP

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

CROP CODES
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Herbs, fresh.	212	Peas, Southern (crowder, cowpeas).	243
Hops.	12	Peas, dry edibles.	17
Horseradish.	151	Peppermint.	18
Idle cropland.	318	Peppers, bell.	126
Indian corn.	188	Peppers, hot (Chiles).	244
Kale.	186	Peppers, other.	127
Kenaf.	181	Pimientos.	245
Lespedeza seed.	41	Popcorn.	19
Lettuce, head.	117	Potatoes.	20
Lettuce, other.	149	Pumpkins.	128
Lettuce, romaine.	146	Radishes (excluding daikon).	129
Lima beans, dry.	268	Radishes, daikon.	258
Lima beans, fresh.	2115	Radishes forage or cover crop.	202
Lima beans, processed.	4115	Rapeseed.	170
Lentils.	169	Rapini.	130
Lotus root.	210	Redtop seed.	205
Meadow foam.	139	Rhubarb.	143
Melons, honeydew.	13	Rice, all.	21
Melons, miscellaneous.	14	Rice, sweet.	319
Millet.	141	Rice, wild.	178
Mint, all for oil.	159	Rutabagas.	147
Mung beans.	197	Rye.	22
Mushrooms.	93	Ryegrass seed.	136
Mustard cabbage.	253	Safflower.	98
Mustard greens.	187	Sage.	168
Mustard seed.	94	Sesame.	152
Oats.	15	Shallots.	144
Okra.	118	Silage & haylage (except corn & sorghum).	23
Onions, dehydrated.	135	Snap beans, fresh.	2131
Onions, dry.	120	Snap beans, processed.	4131
Onions, green.	119	Sorghum, all.	192
Orchard grass seed.	42	Sorghum, grain.	25
Other: (<i>specify</i>) _____	XX	Sorghum, hay.	219
Parsley.	121	Sorghum, hogged.	220
Pasture cropland.	316	Sorghum, molasses.	174
Peanuts.	16	Sorghum, silage.	24
Peas, all other.	123	Sorghum-sudan crosses.	180
Peas, Austrian winter.	200	Southern peas, (cowpeas, crowder).	243
Peas, Blackeye.	124		

CROP CODES
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Soybeans.	26
Spearmint.	27
Spinach, fresh.	2132
Spinach, processed.	4132
Squash, summer.	133
Squash, winter.	150
Strawberries.	74
Sudan.	167
Sudan grass seed.	206
Sugar beets, all.	360
Sugar beets for seed.	137
Sugar beets for sugar.	28
Sugarcane, all.	354
Sugarcane for seed.	209
Sugarcane for sugar.	29
Summer fallow.	333
Sunflower seed, non-oil varieties.	148
Sunflower seed, oil varieties.	30
Sweet corn for seed.	246
Sweet corn, fresh.	2110
Sweet corn, processed.	4110
Sweet potatoes.	31
Sweet clover seed.	208
Tall fescue seed.	44
Teff.	199

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

SECTION C, ITEM 1, Line 2

Intended Use	
1	Dual (grain/grazing)
2	Grain
3	Grazing Only
4	Cover Crop
5	Other (<i>specify</i>)_____
6	Hay
7	Human Consumption or Use
8	Silage/Haylage
9	Seed Only
10	Nurse Crop
11	Biomass

SECTION C, ITEM 1, Line 8a & 11a

Unit Codes for Yield	
1	Pounds
2	Cwt (hundredweight)
3	Tons
4	Bushels
5	Other (<i>specify</i>)_____
6	Barrels
13	Quart
23	50-lb bag
24	Peck

SECTION C, ITEM 1, Line 9

Tillage	
1	No till, strip till (direct seed)
2	Ridge till
3	Mulch till
4	Conventional till
5	Clean till between rows
6	Sod strip along the row, clean till between the rest of row
7	Clean till along the row, sod strip between the rest of row
8	Sod between the entire row
9	Other (<i>specify</i>)_____

SECTION C, ITEM 1, Line 16

Livestock	
1	Cattle
2	Sheep
3	Goats
4	Horses
5	Other (<i>specify</i>)_____

SECTION D, ITEM 8

COMMON FERTILIZERS AND THEIR PERCENT ANALYSIS

[Enumerator Note: *If Respondent cannot report the formulation for Section D, item 8, use the formulations below.*]

Name	Form	Percent Active Ingredients			
		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)	D	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	---	---
Nutralene (Nitrogen Methylene Urea Agrium)	D/L	40	---	---	---
Nitrogen solutions	L	7-58	---	---	---
Nitric phosphate	D	12-17	22-35	---	---
Phosphate rock	D	---	2-35	---	---
Phosphoric 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	---

SECTION D, ITEM 8 COMMON FERTILIZERS AND THEIR PERCENT ANALYSIS (Continued)

[Enumerator Note: *If Respondent cannot report the formulation for Section D, item 8, use the formulations below.*]

Name	Form	Percent Active Ingredients			
		N	P ₂ O ₅	K ₂ O	S
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	---	---	---
UMAXX (stabilized Nitrogen Agrotain).	D	47	---	---	---
Urea, sulfur 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	---	---

Other: (*specify*) _____

APPLICATION CODES FOR COLUMN 8

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

Section D, Item 8 Fertilizer Application Methods.

MANURE PRODUCED CODES

- 1 On this operation
- 2 Purchased
- 3 Obtained at no cost off of this operation
- 4 Obtained with compensation
- 5 Commercially prepared manure

Section E, Item 2, Column 6.

MANURE STORAGE/TREATMENT CODES

Solid	Slurry	Liquid
1 Stacking slab (open storage)	7 Concrete or steel tank, basin or pit	10 Single stage lagoon or holding pond
2 Covered slab	8 Earthen storage facility	11 Two stage lagoon system with the second stage being either a lagoon or a holding pond
3 Manure pack	9 Other (<i>specify</i>) _____	12 Run off storage pond used only for collection of open-lot run off
4 Barn, shed or house		13 Other (<i>specify</i>) _____
5 Other (<i>specify</i>) _____		
6 None		

Section E, Item 7 Manure Storage/Treatment System.

MANURE SOURCE CODES

- 1 Beef cattle
- 2 Dairy cattle
- 3 Hogs
- 4 Sheep/Goats
- 5 Broilers
- 6 Layers
- 7 Poultry Breeder
- 8 Turkey
- 9 Poultry (other)
- 10 Equine
- 11 Biosolids
- 12 Other (*specify*) _____
- 13 Don't Know

Section E, Item 2, Column 11.

MANURE APPLICATION CODES

- 1 Dry broadcast, without incorporation
- 2 Dry broadcast, with incorporation
- 3 Liquid broadcast, without incorporation
- 4 Liquid broadcast, with incorporation
- 5 Chiseled/injected or knifed in
- 6 Furrow or basin irrigated
- 7 Sprinkler irrigated

Section E, item 2, Column 15.

Section F, Item 8

CHEMICALS AND PESTICIDES, Column 4

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

D/L	Class	Code	Product Name	D/L	Class	Code	Product Name
L	H	4758	2,4-D Amine	L	I	1869	Azadirachtin 1.2% EC
L	H	4377	2,4-D Amine 4	L	I	1869	Aza-Direct
L	H	4759	2,4-D Amine 4CA	D	I	1468	Aztec 2.1% Granular
L	H	4664	2,4-D Amine 6	D	I	1971	Aztec 4.67% Granular
L	H	4283	2,4-D L.V. 4 Ester (3.84 lbs/g)				
L	H	4480	2,4-D Lo-V 6E	L	H	4823	Balance Pro
L	H	4271	2,4-D Lo-V Ester (3.76lbs/g)	L	H	4136	Banvel (4L)
L	H	4562	2,4-D LV4 (3.80 lbs/g)	L	H	4617	Banvel + 2,4-D
L	H	4006	AAtrex 4L	L	H	4327	Banvel SGF
D	H	4008	AAtrex Nine-O (WP)	L	H	4531	Barrage HF
L	F	7606	Abound	L	H	4019	Basagran
D	H	4648	Accent Gold	D	H	4521	Basis
D	H	4339	Accent Herbicide	D	H	4611	Basis Gold
D	I	1483	Acephate 75 WSP	L	I	1246	Baythroid 2
D	I	1525	Acephate 90	L	H	4386	Betamix EC
D	H	4657	Achieve 40DG	L	H	4920	Beyond (Clearfied Crops)
L	H	4892	Achieve SC	L	H	4637	Bicep II Magnum
L	I	1427	Admire 2 Flowable	L	H	4638	Bicep Lite II Magnum
L	I	1118	Admire Pro	L	I	1213	Bidrin 8
D	H	4991	Affinity Tankmix	L	F	7338	Blocker 4F
L	H	4491	AFG Original	D	H	4199	Bolero 15 G
D	F	7398	Agri Tin	L	H	4795	Boundary
D	H	4683	Aim	L	H	4963	Brash
L	H	4879	Aim EC	L	F	7007	Bravo 500
L	H	4880	Aim EW	D	F	7241	Bravo Ultrex
D	H	4859	Ally Extra	L	F	7008	Bravo Weather Stik
D	H	4123	Ally XP (60DF)	L	F	7193	Bravo ZN
D	H	4390	Amber	L	I	2134	Brigade 2EC
D	F	7520	Amistar	L	H	4655	Bromox/MCPA 2 - 2
L	I	1133	Ammo 2.5 EC	L	H	4153	Bronate (4EC)
D	MG	9365	Apogee	L	H	4856	Bronate Advanced
L	I	1885	Arctic 3.2 EC	L	H	4884	Buccaneer
L	H	4954	Arrow 2EC	L	H	4024	Buctril (2EC)
L	I	1004	Asana XL	L	H	4026	Buctril + Atrazine (1+2EC)
D	I	1882	Assail 70WP	L	H	4025	Buctril 4EC
L	H	4133	Assert	L	H	4027	Bullet
L	H	4371	Assure II	L	H	4158	Butoxone 200
L	H	4454	Asulox	L	H	4159	Butyrac 175
L	H	4042	Atra-5	L	H	4160	Butyrac 200
L	H	4041	Atrazine 4L				
D	H	4044	Atrazine 90DF	L	H	3207	Cadet
D	H	4603	Authority	L	H	4679	Cadre
D	H	4681	Authority 75 DF	D	H	4680	Cadre DG
D	H	4651	Axiom DF	L	H	4847	Callisto (4L)

Section F, Item 8

CHEMICALS AND PESTICIDES, Column 4

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

D/L	Class	Code	Product Name	D/L	Class	Code	Product Name
L	H	4896	Camix	L	I	1715	Dimilin 2L
D	H	4161	Canopy	L	H	4039	Direx 4L
D	H	4399	Canopy EX	D	H	4040	Direx 80DF
D	H	4610	Canopy XL	L	H	4820	Discover
L	H	4031	Caparol 4L	L	H	4938	Discover NG
L	I	1140	Capture 2EC	D	H	4677	Distinct (aka Overdrive)
L	I	1011	Carbaryl 4L	L	I	1034	Di-Syston 8
D	H	4799	Celebrity Plus	D	F	7127	Dithane DF Rainshield
D	I	1868	Centric	L	F	7015	Dithane F-45 Rainshield
D	H	4919	Cerano 5 MEG	L	H	4045	Diuron 4L
L	H	3154	Charger Maz ATZ	D	H	4605	Diuron 80DF
D	H	4409	Chateau WDG	L	H	4664	DMA 6 Weed Killer
L	H	4887	Cinch ATZ	L	F	7592	Domark 230 ME
L	H	4469	Clarity (4L)	L	H	4948	Drexel Trizmet II
D	H	4167	Classic	L	H	4660	Dual II Magnum
L	H	4875	ClearOut 41 Plus	L	H	4661	Dual II Magnum SI
L	H	4169	Cobra (2E)	L	H	4659	Dual Magnum
L	I	1008	Comite	L	H	4806	Duet
L	I	1401	Comite II	L	H	4198	Durango (aka GF-1279)
L	H	4578	Command 3ME				
L	H	4171	Command 4EC	L	F	7226	Echo 720
L	I	1441	Confirm 2F	D	F	7332	Echo 90 DF
D	F	7053	Copper Sulfate Tenn. Brand	L	F	7329	Echo Zn
L	I	2260	Coragen	L	F	7465	Eminent 125SL
L	H	4872	Cornerstone	D	F	7571	Endura (70WG)
L	H	3192	Corvus	D	H	3253	Envive
L	H	4176	Cotoran 4L	D	H	4956	Envoke
L	H	4894	Credit (Riverdale/Nufarm)	D	H	4749	Epic
L	H	4982	Credit Duo Extra	L	H	4053	Eptam
L	I	1249	Curacron 8E	L	F	7515	EQUUS 720 SST
L	H	4180	Curtail (EC)	L	F	7054	Equus ZN
L	H	4365	Curtail M (EC)	L	H	4900	ET Herbicide
D	F	7315	Curzate 60DF	L	MG	9207	Ethephon 6
				D	H	4855	Everest 70% WDG
L	H	4898	Dagger	D	H	4523	Exceed 64.6 DF
L	H	4849	Define SC	D	H	4205	Express XP (For Wheat, Barley,..)
L	MD	9014	Defol 6	L	H	4756	Extreme
L	H	4803	Degree Xtra				
L	I	1775	Denim	D	H	4336	Facet 50WP
L	I	1020	Diamond	D	H	4211	Far-GO Granular (10%)
L	H	4866	Dicamba SC	L	H	4642	Field Master
L	I	1028	Dimethoate 2.67 EC	D	H	4214	Finesse
L	I	1267	Dimethoate 400	L	MD	9447	Firestorm
L	I	1029	Dimethoate 4EC	L	MD	9438	FirstPick

Section F, Item 8

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Form	Class	Code	Product Name	Form	Class	Code	Product Name
D	H	4643	FirstRate	L	H	4955	Helosate Plus
L	F	7254	Folicur 3.6 F	L	I	2259	Hero
D	I	1440	Force 3G	L	H	4221	Hi-Dep (aka Orchard Master)
L	H	4291	Formula 40	L	H	4952	HM-2010
L	F	7624	Forum	L	H	4429	Honcho Plus
L	H	4448	Frontier 6.0	D	H	4517	Hornet
D	I	1823	Fulfill	D	H	4861	Hornet WDG
L	H	4597	Fultime Herbicide				
L	I	1054	Furadan 4F	L	I	1899	Imidacloprid 4F
L	H	4442	Fusion	L	H	4191	Impact
L	I	1521	Fyfanon ULV 9.9lbs. (96.5%)	L	H	3195	Infantry 4L
				L	H	9515	Initiate 7210 (AKA Applause 720)
D	H	4962	Gangster (Co-Pack-4964 & 4915)	L	I	1863	Intrepid 2F
D	H	4964	Gangster V (aka Valor)	L	H	4969	Intrro (4E)
D	F	7499	Gavel 75DF	D	I	1901	Intruder WSP
L	MD	9164	Ginstar EC				
L	H	4958	Gly Star Original	L	I	1252	Karate
L	H	4882	Gly Star Plus	L	I	1707	Karate Z
L	H	4990	Gly-4 Plus	D	H	4548	Karmex
L	H	4580	Glyfos X-TRA	L	I	2346	Kendo Insecticide
L	H	4840	Glyphomax	L	H	4888	Keystone
L	H	4999	Glyphomax XRT	L	I	1470	Knack
L	H	4890	Glyphosate T&O	D	F	7059	Kocide 101
L	H	4886	G-Max Lite	D	F	7262	Kocide 2000
L	H	4542	Goal 2XL	D	F	7607	Kocide 3000
L	H	4664	Gordon's Amine 600 2,4-D				
L	H	4402	Gramoxone Inteon	L	H	4229	Landmaster BW
L	MD	9399	Gramoxone Max	L	I	1064	Lannate LV (2.4 lbs.)
D	H	4200	Granite GR	L	H	4230	Lariat (4F)
L	H	4852	Guardzman Max	L	I	1066	Larvin 3.2
				L	H	4069	Lasso
L	H	3184	Halex GT	L	H	3182	Laudis
D	H	4141	Harmony Extra TotalSol SG	L	H	4150	Layby Pro
D	H	4139	Harmony Extra XP	L	I	1814	Leverage 2.7
D	H	4137	Harmony GT XP	L	H	4989	Lexar
L	H	4602	Harness	L	H	4640	Liberty
L	H	4529	Harness Xtra (aka Confidence Xtra)	L	H	4678	Liberty ATZ
L	H	4649	Harness Xtra 5.6L	D	H	4607	Lightning DG
L	F	7522	Headline	L	I	1283	Lock-On

Section F, Item 8

CHEMICALS AND PESTICIDES, Column 4

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

Form	Class	Code	Product Name	Form	Class	Code	Product Name
D	I	1068	Lorsban 15G	D	I	1822	Orthene 97
L	H	4522	Low Vol 4 Ester Weed Killer	D	H	4951	Osprey
L	H	4885	Lumax	L	H	4940	Outlaw
L	H	4826	LV 400 2,4-D Weed Killer	L	H	4862	Outlook
L	H	4906	Mad Dog Glyphosate	L	MG	9419	Palisade EC
L	H	4433	Makaze	L	H	3198	Parallel Plus
L	I	1725	Malathion 5 EC (56%)	D	H	4569	Peak (57% WDG)
L	I	1085	Malathion 55	L	H	4813	Pendimax 3.3
L	I	1157	Malathion ULV 9.7lbs. (95%)	L	I	1164	Penncap-M
L	F	7064	Manex	D	F	7098	Penncozeb 75DF
D	F	7025	Manzate 75DF	D	F	7026	Penncozeb 80WP
L	H	4235	Marksman	L	MG	9397	Pentia
D	H	4566	Matrix (aka Shadeout)	L	I	1902	Permethrin 3.2 AG
D	H	4791	Maverick	D	H	4525	Permit
L	H	4292	MCP Amine 4	L	I	1884	Perm-UP 3.2 EC
L	H	4513	MCPE Phenoxy	L	MG	9137	PGR-IV
L	MG	9405	Mepex Plus	D	I	1240	Phorate 20G
L	MG	9420	Mepiquat Chloride	L	MG	9099	Pix Concentrate
L	I	1158	Methyl 4 EC	L	MG	9295	Pix Plus
L	H	4980	Me-Too-Lachlor II	L	I	1859	Platinum
D	H	4392	Metribuzin 75 (DF)	L	H	4081	Poast (1.5 EC)
L	H	4491	Mirage	L	H	4334	Poast Plus (1EC)
D	F	7259	Moncut 50-W	D	MG	9107	Polado L
D	F	7525	Moncut 70DF	D	F	7269	Polyram 80DF
L	I	1329	Monitor 4	L	I	8778	Poncho 600
L	H	4194	MSMA 6 Plus	L	I	1107	Pounce 3.2EC
L	H	4144	MSMA Plus	L	F	7503	Previcur Flex
L	I	1363	Mustang	L	H	4084	Princep 4L
L	I	1895	Mustang Max	D	H	4249	Princep Caliber 90
D	H	4692	NorthStar	L	I	1972	Proaxis
L	H	4590	Nortron SC	L	H	4712	Progress
L	I	1547	Nufos 4E	L	H	4093	Pronto Big N Tuf
L	I	1400	Oberon 2 SC	L	H	4213	Propanil 4E
D	H	4397	Olympus 70%G	L	F	7076	Propiconazole E-AG 41.8 EC
L	F	7523	Omega 500F	L	F	7528	Propiconazole EC
D	H	4860	Option Corn Herbicide	L	F	7667	Prosaro 421 SC
L	H	4138	Oracle Dicamba	L	I	1439	Provado 1.6 Flowable
D	I	1481	Orthene 75 WSP	L	F	7792	Provost 433 SC
D	I	1509	Orthene 90 WSP	L	H	4360	Prowl 3.3 EC
				L	H	4942	Prowl H2O
				L	H	4581	Puma 1EC (Bronate Pro #1)

Section F, Item 8

CHEMICALS AND PESTICIDES, Column 4

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

Form	Class	Code	Product Name	Form	Class	Code	Product Name
L	H	4254	Pursuit	L	F	7032	Rovral 4 Flowable
D	H	4505	Pursuit DG	L	H	4857	RT Master
L	H	4255	Pursuit Plus	L	H	4407	RT Master II
D	H	4646	Python WDG				
				L	H	4675	Saber
L	F	7291	Quadris	L	H	4846	Salvan (Cornbelt)
L	F	7085	Quadris Opti	L	H	4265	Salvo
L	F	7575	Quilt	D	H	3187	Sandea
				L	F	7586	SCALA SC
L	H	4965	Radius Herbicide	L	H	4266	Scepter (1.5L)
L	H	4604	Raptor	L	H	4447	Select 2 EC
D	H	4750	Rave	L	H	4095	Sencor 4
L	F	8740	Raxil Thiram	D	H	4096	Sencor DF (75%)
L	H	4256	Reflex	L	H	4960	Sequence
L	I	1552	Regent 4 SC	D	F	7588	Serenade MAX
L	MD	9394	Reglone	L	I	1132	Sevin 4F
L	MD	9425	Rely	D	I	1496	Sevin 80WSP
D	H	3213	Resolve Q	D	H	4918	Shark
D	H	4526	Resolve SG	L	H	3214	Sharpen
L	H	4527	Resource	L	H	4048	Simazine 4L
L	I	2323	Respect	D	H	4049	Simazine 80W
L	F	7677	Revus	D	H	4342	Simazine 90DF
L	F	7763	Revus Top	D	H	4098	Sinbar (80WP)
L	H	4500	Rezult	L	I	2135	Sniper
L	H	4398	Rezult B	L	MD	9186	Sodium Chlorate 5lb
L	H	4784	Rezult G	L	H	4507	Sonalan HFP
L	H	4903	Rhino	D	H	4705	Spartan
L	H	4897	RiceStar Herbicide	L	I	1543	SpinTor 2SC
L	F	7286	Ridomil Gold EC	D	H	4641	Spirit
D	F	7324	Ridomil Gold/Copper	D	H	4560	Staple
L	I	1977	Rimon 0.83EC	L	H	4868	Starane + Saber
L	H	4700	Roundup Custom	L	H	4863	Starane + Sword
L	H	4564	Roundup Export	D	H	3181	Status
L	H	4093	Roundup Original	L	H	4598	Status Herbicide
L	H	4315	Roundup Original II	D	H	4845	Steadfast
L	H	4939	Roundup Original Max	D	H	4924	Steadfast ATZ
L	H	4407	Roundup PowerMax	L	H	4802	Sterling
L	H	4707	Roundup Pro (T & O)	L	I	1806	Steward
L	H	4561	Roundup Ultra	L	H	4320	Stinger (3EC)
L	H	4763	Roundup Ultra Max	L	H	4272	Storm
L	H	4881	Roundup Weather Max	L	F	7513	Stratego

Conversion Factors for Liquid & Dry Products

Liquid Products

- 1 Gallon = 4 Quarts
- 1 Quart = 2 Pints
- 1 Pint = 16 Fluid Ounces
- 1 Pint = 2 Cups
- 1 Liter = 1,000 Milliliters

Dry Products

- 1 Pound = 16 Dry Ounces
- 1 Ounce = 28.3 Grams
- 1 Pound = 453 Grams
- 1 Kilogram (kg) = 1,000 Grams
- 1 Peck = 2 Gallons

Abbreviations

AF	Aqueous Flowable
AG	Agricultural Formulation
AS	Aqueous Suspension
D	Dust
DF	Dry Flowable
DG	Water-Dispersible Granules
E or EC	Emulsifiable Concentrate
ES	Emulsifiable Solution
FC	Fertilizer Compatible
FL	Flowable
G	Granular
GR	Growth Regulator
L	Liquid
LV	Low Volatility
M or ME	Microencapsulate
OL	Oil Soluble
P or PS	Pellets
RTU	Ready to Use
S	Solution
SL	Slurry
SP	Soluble Powder
TR	Total Release
ULV	Ultra Low Volume Concentrate
W or WP	Wettable Powder
WDG or WG	Water-Dispersible Granules
WSB	Water Soluble Bag
WSP	Water-Soluble Packet

Section F, Item 8, Column 11

PESTICIDE APPLICATION METHODS

4 Seed Furrow	21 Broadcast, ground, incorporated
5 Chemigation (in irrigation water)	31 Broadcast, aerial
6 Chisel/injected or knifed in	32 Broadcast, aerial, foliar
8 Direct spray, foliar	71 Banded/side-dressed
10 Seed Treatment by producer prior to planting	73 Banded/side-dressed, foliar
11 Broadcast, ground, not incorporated	76 Banded (combo of banded and injected)
13 Broadcast, ground, incorporated	

Section H, Item 1a

IRRIGATION SYSTEM TYPE CODES

Pressure Systems	Gravity Systems
1 Hand-move	10 Siphon-Tube System from unlined ditches
2 Solid or Permanent Set	11 Siphon-Tube System 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 Sub irrigation
9 Other, Specify : _____	18 Open discharge from well, pump, border large scale turned structures or large alfalfa valves
	19 Other, Specify : _____

GRAVITY IRRIGATION SYSTEM SOURCE CODES

Section H, Item 2.

1 Furrow
2 Border
3 Basin
4 Contour Levee
5 Meadow or Wild Flood

IRRIGATION RUNOFF CODES

Section H, Item 7.

1 Retained at the end of the field with no re-use
2 Retained at the end of the field and re-used to irrigate on the farm
3 Collected in evaporation ponds on the farm
4 Drained from the farm
5 There is no runoff

Section H, Item 18

PRACTICES TO IMPROVE WATER USE APPLICATIONS

1 Ditch Improvement	7 Water measurement and/or flow control
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
	13 Irrigation Scheduling

Section I, Item 1, Column 5

MACHINERY AND IMPLEMENT CODES

PLOWS and DISKS
Chisel Plows
01 Chisel Plow (Big Ox)
02 Coulter Plow (Coulter Chisel, Soil Saver, Soil Conservor)
03 Deep Ripper (Knife, Bed knife, Slide)
09 Disk-chisel (Mulch Tiller)
Plows
05 Regular moldboard
06 Two Way moldboard
07 Stubble-mulch sweeps (Noble, Sweeps, Hoeme Plow, Muckeroy Plow)
04 Disk Plow
16 Paraplow
Disks
10 Heavy Offset Disk
11 Light Offset Disk
12 One-way Disk (Disk Tiller)
13 Single Disk
15 Tandem Disk
69 Vertical Tiller (Turbo Till)

PACKERS
51 Culti-packer (Pulverizer, Crow-foot, Serrated, Ring, Spiral)
Roller-packer
52 Attachment, Plow Packer
53 Smooth & Flat, Roller Packer

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

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
08 Subsoiler (Chisel, Ripper, V-ripper, Big Ox)

BEDDERS-SHAPERS
41 Bedder (Shaper) (Bedshaper, Crowder)
42 Bed Former
364 Plastic Mulcher/Bedder
37 Roller (Culti-mulcher, Pulvi-mulcher, Crumbler, Packer-mulcher, Packer & Shanks)
Disk
43 Hipper
44 Row
45 Float
46 Lister (Middle-buster)
47 Rorovator-bedder
48 Seedbed Roller (Flat Roller)
49 Sub-soil Bedder (Ripper-hipper)
50 Discovator

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 Seed Planter
365 Vegetable TransPlanter

HARROWS (DRAGS)
30 Heavy Harrow
31 Field Conditioner (Scratcher, Seed Bed Conditioner, Soil Conditioner, Ground Hog)
32 Finishing (Harrowgator, 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
38 Spike Tooth
39 Spring Tooth
40 Powered Spike Tooth Harrow

FIELD CULTIVATORS
21 Field Cultivator (Regular Digger, Triple K, Danish Tined, Swedish Tined, Incorporated, S-tine, Cultivator, Vibra-shank Harrow, Lilliston Tiller)
22 Furrow-out
26 Heavy Duty (Duckfoot Cultivator)
27 Marker
28 Fallow Master

ROW CULTIVATORS
23 Rotary Hoe (Crust Buster)
24 Disk, Sweep, Shovels
25 Rolling, Rotary tines

Section I, Item 1, Column 5

MACHINERY and IMPLEMENT CODES

SUGARCANE EQUIPMENT	
Planters	
350	Mechanical (Billet)
351	Hand
Harvesters	
352	Single Row Chopper
332	Single Row Soldier
354	Two Row Soldier
Transfer Wagons	
355	Billet, field
356	Whole stalk, field
Misc.	
357	Whole stalk 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

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

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

Section I, Item 1, Column 5

MACHINERY and IMPLEMENT CODES

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

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 or Cart
195	Hay Wagon
208	Gravity Wagon
209	Grain Cart with Auger
221	Forage Wagon
222	Dump Wagon
220	Other Trailers

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

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
367	Swather
Rake	
155	Dump
156	Side Delivery
157	Wheel
162	Hay Tedder

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

MISC	
360	Vegetable Picker (Snap bean)
358	Root Crop Digger/Harvester

HAND PLANTING & HARVESTING	
351	Hand Planting
134	Hand Harvesting
366	Hand Cultivating

LEGAL STATUS

Section K, Item 1

- | |
|--|
| 1 Individual (<i>Sole/family Proprietorship</i>) |
| 2 A legal Partnership |
| 3 A Family-held Corporation |
| 4 A Non-family Corporation |
| 5 Other, (<i>including estates, trusts and cooperatives</i>)
Describe _____ |

MAJOR OCCUPATION

Section K, Item 2

- | |
|----------------------|
| 1 Farm or ranch work |
| 2 Hired farm manager |
| 3 Something else |
| 4 Retired |

FORMAL EDUCATION

Section K, Item 3

- | |
|--|
| 1 Less than a high school diploma |
| 2 High school diploma or equivalency (GED) |
| 3 Some college |
| 4 Completed a 4 year degree (BA or BS) |
| 5 Graduate school |

VALUE OF SALES

Section K, Item 5

99	'None' during 2011	
1	\$1	- \$ 999
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	\$1,000,00	- \$2,499,999
12	\$2,500,00	- \$4,999,999
13	\$5,000,000 and over	

Section K, 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 Claves
4 Vegetables, Melons and Potatoes	12 Sheep, Goats, and Their Products
5 Fruit Trees, Nuts, Grapes, Citrus, 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, Biomass and Pasture	16 Other Animals and Other Animal Products