

**AGRICULTURAL RESOURCE
MANAGEMENT STUDY
CORN
PRODUCTION PRACTICES REPORT
for 2000**

RESPONDENT BOOKLET

SEED VARIETY CODE LIST for CORN

Section B, item 19

- 1 Genetically-modified **herbicide resistant** seed variety
- 2 NON-genetically-modified **herbicide resistant** variety
- 3 Genetically-modified **Bt** variety for insect resistance
- 4 Stacked Gene Variety (**both** genetically-modified insect and herbicide resistance)
- 6 Variety planted not described above

REASONS FOR SEED VARIETY

Section B, item 20

- 1 Increase yields through improved pest (*weed or insect*) control?
- 2 Decrease pesticide input costs?
- 3 Decrease machinery costs?
- 4 Improve ability to use or ease of using reduced tillage or no-till systems?
- 5 Improve ability to ease of rotating crops?
- 6 Save management time or labor or improve ease of management?
- 7 Adopt more environmentally-friendly practices?
- 8 For some other reason(s)?

FERTILIZER / PESTICIDE APPLICATION METHODS

Section C, Column 6

&

Section D, Column 9

- 1 BROADCAST, GROUND WITHOUT INCORPORATION
- 2 BROADCAST, GROUND WITH INCORPORATION
- 3 BROADCAST, BY AIR
- 4 IN SEED FURROW
- 5 IN IRRIGATION WATER
- 6 CHISEL/INJECTED OR KNIFED IN
- 7 BANDED/SIDEDRESSED IN OR OVER ROW
- 8 FOLIAR OR DIRECTED SPRAY
- 9 SPOT TREATMENTS

Section C, Item 4

Common Fertilizers and Their Percent Analysis

[Enumerator Note: *If Respondent cannot report the formulation for Section C, item 4, enter the formulations below.*]

Name	Percent Active Ingredients				RANGE
	N	P ₂ O ₅	K ₂ O	S	
Anhydrous ammonia	82	--	--	--	
Aqua ammonia	20	--	--	--	16-30% N
Ammonium nitrate	33	--	--	--	33-34% N
Ammonium sulfate	21	--	--	--	20-21% N
Nitrogen solutions	28	--	--	--	7-58% N
Sodium nitrate	16	--	--	--	
Urea	46	--	--	--	45-46% N
Urea ammonium nitrate	32	--	--	--	
Super phosphate (22 % & under)	--	19	--	--	18-22% P
Super phosphate (over 22 %)	--	30	--	--	23-39% P
Triple Super Phosphate	--	46	--	--	40-54% P
Ammonium phosphate	11	48	--	--	
Di-ammonium phosphate	18	46	--	--	
Mono-ammonium phosphate	11	52	--	--	
Potassium chloride	--	--	60	--	50-62% K
Potassium nitrate	13	--	44	--	
Potassium sodium nitrate	15	--	14	--	
Mixed Fertilizer	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	--		
Soil sulfur	--	--	--	92	
Sulfur-bentonite	--	--	--	90	
Sulfur dioxide	--	--	--	50	
Ammonium polySulfide	20	--	--	45	
Ammonium sulfate	21	--	--	24	
Ammonium thiosulphate solution	12	--	--	26	
Diammonium phosphate-sulfur	16	40	--	13	
Potassium sulfate	--	--	50	18	48-52% K
Potassium-magnesium sulfate	--	--	22	22	

CHEMICALS and PESTICIDES for CORN, All

H=HERBICIDE; I=INSECTICIDE; F=FUNGICIDE; M=MISC. OTHER; MG=GROWTH REGULATOR; MR=RODENTICIDE; MS=SOIL FUMIGANT

D/L	Class	Code	Product Name	D/L	Class	Code	Product Name
			2,4,D				Amiben
L	H	4351	2,4-D/Agasco 400 (EC)	D	H	4012	Amiben DS
L	H	4377	2,4-D/Amine 4	D	H	4013	Amiben Granular (10%)
L	H	4664	2,4-D/Amine 6				
L	H	4531	2,4-D/Barrage	L	I	1133	Ammo 2.5 EC
L	H	4444	2,4-D/Class 40A				
L	H	4443	2,4-D/Class LV4				Apron
L	H	4003	2,4-D/Dacamine	L	F	8701	Apron Flowable
L	H	4001	2,4-D/Dacamine 4D	L	F	8718	Apron XL LS
L	H	4366	2,4-D/Ded-Weed Suly				
D	H	4184	2,4-D/Defy	L	H	4128	Arena 4EC
L	H	4187	2,4-D/DMA 4				
L	H	4361	2,4-D/Envy				Asana
L	H	4204	2,4-D/Esteron 99 Concentrate	L	I	1003	Asana (1.9EC)
				L	I	1004	Asana XL (.66EC)
L	H	4291	2,4-D/Formula 40				
L	H	4221	2,4-D/Hi-Dep	L	H	4456	Ascend
L	H	4232	2,4-D/Lithate	L	H	4133	Assert (2.5EC)
L	H	4480	2,4-D/LV6				
D	H	4594	2,4-D/Riversade Granules				Assure
L	H	4562	2,4-D/Riverside LV4	L	H	4134	Assure
L	H	4265	2,4-D/Salvo	L	H	4371	Assure II
D	H	4391	2,4-D/Savage				
				L	I	1708	Atrapa ULV
L	H	4488	2,4-D/Weed Pro 6 lb.				
L	H	4307	2,4-D/Weed-Rhap A-4D				Atrazine
L	H	4306	2,4-D/Weed-Rhap LV-4D	L	H	4041	Atrazine 4L
L	H	4004	2,4-D/Weedar 64A	L	H	4042	Atrazine 5L
L	H	4294	2,4-D/Weedar Emulsamine E3	D	H	4043	Atrazine 80 (WP)
L	H	4296	2,4-D/Weedone 638	D	H	4044	Atrazine 90DF
L	H	4298	2,4-D/Weedone LV4				
L	H	4299	2,4-D/Weedone LV6	L	H	4015	Avadex
				D	H	4651	Axiom DF
D	I	1138	AAStar (G)	L	I	1545	Azatin-EC Biological Insecticide
				D	I	1468	Aztec 2.1 Granular
			AAtrex				
L	H	4006	AAtrex 4LC	D	H	4652	Balance WDG
D	H	4007	AAtrex 80W				
D	H	4008	AAtrex Nine-O (WP)				Banvel
				L	H	4136	Banvel (4L)
D	I	1672	Able	L	H	4617	Banvel + 2,4-D
				L	H	4138	Banvel II (2L)
			Accent	L	H	4327	Banvel SGF (2EC)
D	H	4339	Accent (75DG)	L	H	4676	Banvel-K + Atrazine
D	H	4648	Accent Gold				
				L	H	4019	Basagran (4L)
L	H	4461	Accord				
D	H	4657	Achieve 40DG				Basis
D	H	4683	AIM	D	H	4611	Basis Gold SP
L	H	4666	Allanap-L	D	H	4521	Basis (WDG)
			Ambush	D	H	4619	Battalion
L	I	1002	Ambush (2EC)	D	H	4140	Beacon (75DF)
D	I	1001	Ambush 25W	L	H	4020	Better Beet (4.3EC)

D/L	Class	Code	Product Name	D/L	Class	Code	Product Name
			Bicep				Condor
L	H	4021	Bicep 6L	L	I	1282	Condor
L	H	4470	Bicep II	D	I	1396	Condor G
L	H	4637	Bicep II Magnum				Conquest
L	H	4468	Bicep Lite	L	H	4174	Conquest 4L
L	H	4638	Bicep Lite II Magnum	D	H	4175	Conquest 90DF
D	H	4694	Bicep Magnum TR	L	H	4528	Contour
			Bladex				Counter
L	H	4022	Bladex 4L	D	I	1009	Counter (15G)
D	H	4023	Bladex 80WP	D	I	1241	Counter 20CR
D	H	4143	Bladex 90DF				
L	H	4146	Blazer 2L	L	H	4180	Curtail (EC)
L	I	1686	BMP 123 (48 LC)	L	H	4656	Cy-Pro 4L
			Broadstrike	L	H	4330	Cycle (4L)
L	H	4489	Broadstrike + Dual	L	H	4654	Cyclone Concentrate
D	H	4596	Broadstrike WDG	L	M	9269	Cytoplex HMS
L	H	4154	Bronco (4EC)	L	H	4512	Dash
D	I	1007	Broot 15GX	D	I	1042	D-264 14G
D	I	1404	Bt Dust No. 2				Diazinon
			Buctril	L	I	1041	Diazinon 4E
L	H	4024	Buctril (2EC)	D	I	1043	D-z-n Diazinon 14G
L	H	4025	Buctril 4EC	D	I	1044	D-z-n Diazinon 50W
L	H	4026	Buctril + Atrazine (1+2EC)	L	I	1045	D-z-n Diazinon AG500(4E)
L	H	4027	Bullet (4EC)	L	I	1046	Diazinon AG500 (4E)
L	MG	9032	Burst Yield Booster	D	I	1047	Diazinon 14G
L	H	4159	Butyrac (1.75EC)	D	I	1050	Diazinon 50W
D	H	4028	Caliber	D	I	1361	Diazinon 5 Granules
L	H	4029	Cannon (3EC)				Di-Syston
D	H	4161	Canopy (75DG)	D	I	1033	Di-Syston 15% G
L	I	1140	Capture 2EC	L	I	1034	Di-Syston 8 (EC)
			Carbaryl				Dimethoate
L	I	1147	Carbaryl 2L	L	I	1028	Dimethoate 2.67EC
L	I	1011	Carbaryl 4L	L	I	1029	Dimethoate 4EC
D	I	1012	Carbaryl 50W	L	I	1403	Dimethoate 5 lb.
D	I	1014	Carbaryl 80S (WP)				Dipel
D	H	4690	Celebrity	D	I	1198	Dipel 10G
L	H	4465	Cheyenne FM	D	I	1023	Dipel 2X (WP)
L	H	4469	Clarity 4L	L	I	1025	Dipel ES
D	H	4167	Classic (25DG)	L	I	1024	Dipel 4L
L	H	4169	Cobra (2E)				Direx
L	H	4170	Collego (fungal spores)	D	H	4040	Direx 80DF
			Comite	L	H	4039	Direx 4L
L	I	1008	Comite (6.55EC)	D	H	4677	Distinct
L	I	1401	Comite II				Dithane
L	H	4171	Command 4EC	D	F	7127	Dithane DF (75%)
				L	F	7318	Dithane M-45 Flowable M
				L	F	7015	Dithane F-45 Flowable
				L	F	7016	Dithane M-45

D/L	Class	Code	Product Name	D/L	Class	Code	Product Name
			Diuron				Furadan
L	H	4045	Diuron 4L	D	I	1053	Furadan 15G
D	H	4046	Diuron 80W	L	I	1054	Furadan 4F
L	H	4534	Double Play	L	I	1538	Fyfanon 8lb. Emulsion
D	H	4225	DSMA 81 P	L	H	4217	Galaxy
			Dual	L	M	9266	Garlic Barrier Ag Insect Repellent
L	H	4051	Dual (8E)	L	I	1555	Gemstar LC
D	H	4050	Dual 25G	L	H	4219	Genate Plus 6.7 EC
L	H	4466	Dual II	L	H	4220	Genep EPTC 7 EC
L	H	4660	Dual II Magnum	L	H	4063	Goal 1.6E
L	H	4661	Dual II Magnum SI				Golden Dew
L	H	4659	Dual Magnum	D	I	1682	Golden Dew
			Dyfonate	D	F	7333	Golden Dew
L	I	1039	Dyfonate 4EC				Gramoxone
D	I	1037	Dyfonate II 10-G	L	H	4314	Gramoxone Extra (2.5L)
D	I	1364	Dyfonate II 15-G	L	H	4064	Gramoxone Super (1.5L)
D	I	1038	Dyfonate II 20-G	L	H	4484	Grazon ET
D	I	1040	Dylox 80% SP	L	M	9267	Guardian Spray
L	MG	9277	Early Harvest	L	H	4494	Guardsman Herbicide
D	H	4749	Epic				Harmony Extra (DF)
L	H	4053	Eptam 7-E	D	H	4139	Harmony Extra (DF)
			Eradicane				Harness
D	H	4446	Eradicane 25G	D	H	4650	Harness 20G
L	H	4202	Eradicane 6.7E	L	H	4490	Harness Plus
L	H	4054	Eradicane Extra (6EC)	L	H	4602	Harness Plus (MON 8407)
L	I	1148	Ethyl Parathion 8E				Harness
D	H	4055	Evik 80W	L	H	4529	Harness Xtra
D	H	4523	Exceed 64.6 DF	L	H	4649	Harness Xtra 5.6L
			Extrazine	L	H	4222	Honcho
L	H	4206	Extrazine 4L	D	H	4517	Hornet
D	H	4207	Extrazine 90F	D	H	4348	Hyvar DF (80%)
L	H	4208	Extrazine II 4L	D	I	1155	Imidan 50 WP
D	H	4209	Extrazine II DF	L	I	1469	Javelin ECB
D	H	4336	Facet 50WP	L	H	4373	Judge
L	H	4210	Fallow Master	L	H	4372	Jury
L	H	4642	Field Master	L	I	1252	Karate (1EC)
D	H	4214	Finesse (DF)	D	H	4066	Karmex DF
D	H	4645	Flumetsulam 80 WDG	D	I	1448	Kelthane 50 (WP)
			Force	D	H	4347	Krovar II DF
D	I	1149	Force 1.5G	L	H	4068	Laddok
D	I	1440	Force 3G				Lannate
			Fortress	L	I	1063	Lannate L (1.8 lbs.)
D	I	1678	Fortress 2.5G	L	I	1064	Lannate LV (2.4 lbs.)
D	I	1397	Fortress	D	I	1065	Lannate (90 WSP)
L	H	4448	Frontier 6.0				
L	H	4597	Fultime Herbicide				

D/L	Class	Code	Product Name	D/L	Class	Code	Product Name
			Landmaster	L	I	1072	Metasystox-R (2EC)
L	H	4326	Landmaster II	D	I	1233	Methomyl 5G
L	H	4229	Landmaster BW	L	I	1158	Methyl Parathion 4EC
				L	H	4236	Meturon 4L
L	H	4230	Lariat (4F)	L	H	4231	Micro-Tech
				L	H	4491	Mirage
			Lasso				Mocap
L	H	4069	Lasso (4EC)	D	I	1080	Mocap 10G
D	H	4070	Lasso II (15G)	D	I	1081	Mocap 15G
L	H	4665	LeadOff	D	I	1159	Mocap 20G
L	H	4460	Lentagran EC	L	I	1082	Mocap EC
			Lexone				MVP
L	H	4072	Lexone 4L	L	I	1507	MVP Bioinsecticide
D	H	4073	Lexone DF	L	I	1232	MVP II Bioinsecticide
			Liberty	L	I	1548	NeemGard
L	H	4640	Liberty	D	H	4080	Norosac 4G
L	H	4678	Liberty ATZ	D	H	4692	NorthStar
				L	H	4590	Nortron Flowable Herbicide
L	I	1353	Lindane 400				Nudrin
D	H	4607	Lightning	L	I	1098	Nudrin 1.8
			Linex	D	I	1099	Nudrin 90 (WSP)
L	H	4074	Linex 4L				
D	H	4075	Linex 50DF	D	I	1546	Nufos 15G
L	H	4047	Linuron 4L	L	I	1278	Oil
D	H	4233	Londax (60 DF)	L	I	1162	Omite 6E
			Lorox	L	H	4647	OpTill
D	H	4077	Lorox DF (50%)	D	H	4464	Oust (75G)
L	H	4076	Lorox L				Parathion
			Lorsban	L	I	1153	Parathion-Methyl Parathion 6-3EC
D	I	1068	Lorsban 15G	L	I	1115	Parathion 8E
L	I	1069	Lorsban 4E	D	I	1116	Parathion Bait 2%
			M-Peril	D	I	1117	Parathion 25W
D	I	1709	M-Peril	D	H	4352	Partner WDG
D	I	1443	M-Peril	D	H	4569	Peak
			Malathion	L	I	1164	Pennacap-M (2 lbs.)
L	I	1236	Malathion 5 (57% EC)	D	F	7026	Penncozeb (80WP)
L	I	1094	Malathion 95% Spray	D	H	4525	Permit 75DF
L	I	1157	Malathion ULV 9.33 Lb 95%				PGR-IV
			Manzate	L	MG	9137	PGR-IV
D	F	7025	Manzate 200 DF (75%)	D	MG	9301	PGR-IV Granule
D	F	7328	Manzate 75DF	L	MG	9300	PGR-IV Plus
L	I	1472	Mattch Bioinsecticide				
			MCP	D	I	1240	Phorate 20-G
L	H	4292	MCP Amine 4	L	I	1104	Phosdrin 4EC
L	H	4293	MCP 4 Ester	D	H	4245	Pinnacle (25DF)
				L	H	4669	Plateau
L	H	4235	Marksman	L	H	4329	Pledge (4SL)

D/L	Class	Code	Product Name	D/L	Class	Code	Product Name
			Poast				Roundup
L	H	4081	Poast (1.5 EC)	L	H	4700	Roundup Custom
L	H	4334	Poast Plus (1EC)	L	H	4376	Roundup D-Pak
L	MG	9231	Poly-Foliant V	D	H	4702	Roundup EZ Dry
			Pounce	L	H	4093	Roundup Original
D	I	1105	Pounce 1.5G	L	H	4315	Roundup Original RT
D	I	1106	Pounce 25WP	L	H	4561	Roundup Ultra
L	I	1107	Pounce 3.2EC	L	H	4675	Saber Herbicide
L	H	4246	Prelude E W (EC)	L	H	4263	Saddle 4EC
L	H	4570	Prestige (1EC)	L	H	4554	Shotgun Flowable
D	H	4248	Preview	D	H	4575	Scorpion III
			Princep	L	H	4667	Scythe
D	H	4083	Princep 4G				Sencor
L	H	4084	Princep 4L	L	H	4095	Sencor 4
D	H	4249	Princep Caliber 90	D	H	4096	Sencor DF (75%)
			Prowl				Sevin
L	H	4086	Prowl (4EC)	D	I	1171	Sevin 20% Bait
L	H	4360	Prowl 3.3 EC	L	I	1017	Sevin 4-Oil ULV
D	H	4504	Prowl DG	L	I	1132	Sevin 4F
			Prozine	D	I	1172	Sevin 50W
D	H	4253	Prozine 70 Df	D	I	1015	Sevin 5% Bait
L	H	4354	Prozine (EC)	D	I	1018	Sevin 80S
			Pursuit	D	I	1496	Sevin 80WSP
L	H	4254	Pursuit (2EC)	L	I	1019	Sevin XLR Plus (4E)
D	H	4505	Pursuit DG	L	H	4554	Shotgun Flowable Herbicide
L	H	4255	Pursuit Plus (EC)	L	H	4097	Simazat 4L
L	I	1114	Pydrin 2.4 EC				Simazine
D	H	4646	Python WDG	L	H	4048	Simazine 4L
			Ramrod	D	H	4049	Simazine 80W
D	H	4088	Ramrod 20 (G)	D	H	4342	Simazine 90DF
D	H	4090	Ramrod 65 (WP)	L	H	4507	Sonalan
L	H	4089	Ramrod Flowable (4L)	D	H	4641	Spirit
D	H	4331	Ramrod/Atrazine DF	L	H	4341	Starfire (1.5L)
L	H	4091	Ramrod/Atrazine (4L)	L	H	4582	Steel
L	H	4092	Ranger	L	MG	9273	Stimulate Yield Enhancer
L	H	4328	Rattler	L	H	4320	Stinger (3EC)
			Regent	D	I	1394	Sulfur (92%)
L	I	1552	Regent 4 SC	L	I	1277	Superior Oil
D	I	1532	Regent 80 WG	L	H	4273	Surefire (3EC)
D	H	4526	Resolve SG				Surpass
L	H	4527	Resource 0.86 EC	L	H	4516	Surpass 100
L	H	4500	Rezult	D	H	4577	Surpass 20G
L	H	4325	Rodeo	L	H	4515	Surpass EC
				L	H	4103	Surpass 6.7-E
				L	H	4104	Sutan+ 6.7E
				L	H	4277	Sutazine+ (EC)
				L	H	4276	Sutazine+18-6G

D/L Class Code Product Name

L H 4279 Tandem 4EC
 D I 1124 Temik 15G

Thimet

D I 1219 Thimet 10-G
 D I 1256 Thimet 15-G
 D I 1127 Thimet 20-G

D F 7038 Thiolux (80DF)

Tilt

L F 7076 Tilt (3.6EC)
 L F 7225 Tilt Gel

L F 7316 Top Crop Flowable
 L H 4530 Topnotch
 L H 4281 Tordon

Touchdown

L H 4662 Touchdown 5
 L H 4362 Touchdown 6

Tough

L H 4332 Tough (3.75 EC)
 D H 4498 Tough 45WP

Treflan

L H 4109 Treflan 5 (EC)
 L H 4629 Treflan HFP
 L H 4110 Treflan MTF (4EC)

D H 4335 Triflic 60DF
 L H 4450 Trifluralin 4 (EC)

Trilin

D H 4285 Trilin 10G
 L H 4113 Trilin AT (4EC)

L H 4367 Trust (4EC)

Vernam

D H 4289 Vernam 10-G
 L H 4290 Vernam 7-E

Warrior

L I 1435 Warrior EC
 L I 1553 Warrior T

Weedone

L H 4364 Weedone 170
 L H 4300 Weedone MCPA Ester (4E)

D/L Class Code Product Name

D H 4471 X-Tra (Cheyenne container #1)
 D I 1685 Xentari Biological (DF)
 Insecticide (DF)

Conversion Codes 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

TARGET PEST CODE LIST for CORN

SECTION D, Item 1 Column 12

INSECTS		WEEDS		DISEASES	
101	APHIDS	401	ANNUAL BROADLEAFS	701	BACTERIAL DISEASES
10103	Corn Leaf Aphid	40101	Cocklebur	70102	Stewart's Wilt
102	BETTERLES / WEEVILS	40106	Lambsquarter	702	FUNGAL DISEASES
10205	Corn Rootworm	40108	Morning Glory	70205	Corn Leaf Blight
10207	Flea Beetle	40110	Pigweed	70208	Downy Mildew
10208	Japanese Beetle	40117	Smartweed	70212	Leaf Spot
10211	Sap Beetle	40119	Velvetleaf	70218	Rust
10212	Seedcorn Beetle	402	ANNUAL GRASSES	70220	Seed & Seedling Blight
10213	Sugarcane Beetle	40201	Barnyard Grass	703	VIRAL DISEASES
10214	White Grub	40204	Crabgrass	700	OTHER DISEASES
103	CUTWORMS / ARMYWORMS	40206	Foxtail	NEMATODES	
10302	Fall Armyworm	40212	Panicum (Torpedograss)	20002	Dagger
10303	Sod Webworm	40214	Shattercane	20003	Lance
10307	Western Bean Cutworm	40217	Wild Oats/Millet	20004	Lesion
104	FLIES / MAGGOTS	404	PERENNIAL BROADLEAFS	20005	Needle
10405	Seed Corn Maggot	40403	Nightshade	20008	Spiral
110	MITES	405	PERENNIAL GRASSES	20009	Sting
11001	Bank Grass Mites	40502	Johnsongrass	20010	Stubby-Root
11003	Spider Mites	40503	Quackgrass	200	Other Nematodes
111	MOTH / CATERPILLARS	406	SEDGES		
11103	Corn Earworm	400	OTHER WEEDS		
11106	European Corn Borer				
11111	Southwestern Corn Borer				
11114	Stalk Borer				
112	ORTHOPTERA				
11202	Grasshopper				
113	THRIPS				
114	TRUE BUG				
11402	Chinch Bug				
115	WIREWORMS				
100	OTHER INSECTS				

PEST MANAGEMENT INFORMATION SOURCES

Section E, item 29

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

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 Blade, Sweep/Hoeme/Muckeroy Plow)
- 08 Subsoil Ploe
(Chisel, V-ripper)
- 09 Disk-chisel
(Mulch Tiller)

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

Tandem Disk
- 14 -Regular
- 15 -Plowing or Heavy Duty
- 16 Paraplow

CULTIVATORS

- 21 Field Cultivator
(Regular digger, Danish tined, Swedish tined, S-tine Cultivator, Vibra-shank harrow, Lilliston tiller)
- 22 Furrow-out Cultivator
- 23 Rotary Hoe

Row Cultivator
- 24 -Shank, Rolling
- 25 -Lister, Disk
- 26 Field Cultivator
-Heavy Duty
(Duckfoot cultivator)
- 27 Marker
- 28 Fallow Master

PACKERS

- 51 Culti-packer
(Pulverizer)
- 52 Plow Packer
- 53 Roller Packer (Smooth & Flat)

HARROWS (DRAGS)

- 31 Field Conditioner
(Seed Bed Conditioner, Soil Conditioner, Scratcher)
- 32 Finishing Harrow
(Harrogator)
- 33 Flex-Tine Tooth
(Coil Line)
- 34 Multi-weeder
- 35 Rail, Pipe, Log, Plank, Etc...
- 36 Rod Weeder
- 37 Roller Harrow
- 38 Spike Tooth Harrow
- 39 Spring Tooth Harrow
- 40 Powered Spike Tooth Harrow

BEDDERS-SHAPERS

- 41 Bedder-Shaper (Crowder)
- 42 Bed-Shaper, Bed Former

Disk
- 43 -Hipper
- 44 -Row
- 45 Float
- 46 Lister (Middle-Buster or Breaker)
- 47 Rotovator-bedder
- 48 Seed Bed roller, Flat Roller)
- 49 Subsoil-Bedder, Subsoiler
(Ripper-hipper, Tiller, No-till Disk Bedder)
- 50 Discovator

MISCELLANEOUS TILLAGE

- 61 Land-all, Do-all, Till-all, Mix-n-till
- 62 Mulch Treader, Picker-Treader, Skew Treader
- 63 Roto-tiller (rotary tiller)
- 64 Roterra, Lely
- 65 Sand-fighter
- 66 Soil Finisher
(Finishing tool, Mulch finisher, Tri-tiller, Task master)

DRILLS and SEEDERS

- 101 Aerial Seeding
- 102 Broadcast Seeder

Drill
- 103 Drill-Air Delivery
- 104 Grain Drill (Lister disk)
- 105 No-Till, Minimum-Till Drill, Zero-Conventional
- 106 Grain Drill (Plain)
- 107 Press Drill (Disk or Hoe)

PLANTERS

- 111 Bedder-shaper
- 112 Lister-bedder Planter
- 113 No-till, Minimum Till
- 114 Conventional, Row Crop
Planter, All Crop
Planter
- 115 Air Delivery
- 116 Planter, Ridge till

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
- 180 Land Plane Leveler
- 181 Laser Planer

For implements codes 171-
181, enter *Total Hours
Operated* in the column
labeled *Total Acres Covered*.
Total Acres Covered is not
meaningful for these
implements.

OTHER IMPLEMENTS

- 191 Burn Buggy
- 192 Chaff/Straw Saver
- 193 Electric-Discharge
Weed Killer
- 197 Rock Picker
- 198 Rock Windrower or
Rock Rake
- 199 Rodent (Gopher) Killer
- 200 Roller groover
- 201 Rubber-Wheeled
Weed Puller
- 202 Shredder Flail
- 203 Shredder Rotary
- 206 Swath Roller

SECTION G, IRRIGATION 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 sprinklers on main line	13 PORTAL SYSTEM from lined ditches
5 CENTER PIVOT OR LINEAR MOVE with sprinklers below main line, but more than 2 feet above ground	14 ANY POLY PIPE SYSTEM
6 CENTER PIVOT OR LINEAR MOVE with sprinklers less than 2 feet above 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 sprinkler)	17 SUBIRRIGATION
9 OTHER - SPECIFY	18 OPEN DISCHARGE FROM WELL OR PUMP
	19 OTHER - SPECIFY

Section G, item 11

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

Section J, item 1

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

Section J, item 2

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

Section J, item 3

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

Section J, item 5

- 1 Less than \$ 1,000
- 2 \$ 1,000 - \$ 2,499
- 3 \$ 2,500 - \$ 4,999
- 4 \$ 5,000 - \$ 9,999
- 5 \$ 10,000 - \$ 19,999
- 6 \$ 20,000 - \$ 24,999
- 7 \$ 25,000 - \$ 39,999
- 8 \$ 40,000 - \$ 49,999
- 9 \$ 50,000 - \$ 99,999
- 10 \$ 100,000 - \$ 249,999
- 11 \$ 250,000 - \$ 499,999
- 12 \$ 500,000 - \$ 999,999
- 13 \$1,000,000 and over

Section J, item 6

- | | |
|--|----------------------------------|
| 1 GRAINS and OILSEEDS | 8 BEEF CATTLE |
| 2 TOBACCO | 9 DAIRY |
| 3 COTTON | 10 HOGS |
| 4 VEGETABLES and MELONS | 11 SHEEP, GOATS, WOOL and MOHAIR |
| 5 FRUIT TREE, NUTS and BERRIES | 12 EQUINE |
| 6 NURSERY, GREENHOUSE and FLORICULTURE | 13 POULTRY and EGGS |
| 7 OTHER CROPS | 14 AQUACULTURE |
| | 15 OTHER ANIMALS |

