

AGRICULTURAL RESOURCE MANAGEMENT STUDY
CORN PRODUCTION PRACTICES and COSTS REPORT for 1996
and
CORN PRODUCTION PRACTICES REPORT for 1996
RESPONDENT BOOKLET

SEED VARIETY CODE LIST
for CORN

Section D
Item 9

- | | |
|---|--|
| 1 | HERBICIDE RESISTANT HYBRID OR VARIETY
(SUCH AS PIONEER 3162R OR
BECK'S 6868IRT) |
| 2 | Bt VARIETY FOR INSECT RESISTANCE
(SUCH AS NATURE GUARD OR
MAXIMIZER WITH KNOCKOUT) |
| 3 | GRAY LEAF SPOT RESISTANT VARIETY |
| 5 | NONE OF THESE |

**CHEMICALS and PESTICIDES
 for CORN**

D/L	CLASS	CODE	NAME	D/L	CLASS	CODE	NAME
			2,4-D				
L H	4443		2,4-D/Class LV4	L H	4489		Broadstrike + Dual
L H	4001		2,4-D/Dacamine 4D	L H	4154		Bronco (4EC)
L H	4204		2,4-D/Esteron 99 Concentrate	L H	4024		Buctril (2EC)
L H	4291		2,4-D/Formula 40	L H	4026		Buctril + Atrazine (1+2EC)
L H	4221		2,4-D/Hi-Dep	L H	4027		Bullet (4EC)
L H	4265		2,4-D/Salvo	L I	1140		Capture 2EC
L H	4307		2,4-D/Weed-Rhap A-4D				Carbaryl
L H	4306		2,4-D/Weed-Rhap LV-4D	L I	1011		Carbaryl 4L
L H	4003		2,4-D/Weedar 64	D I	1012		Carbaryl 50W
L H	4296		2,4-D/Weedone 638	D I	1014		Carbaryl 80S (WP)
L H	4298		2,4-D/Weedone LV4				
L H	4299		2,4-D/Weedone LV6	L H	4469		Clarity 4L
			AAtrex	L I	1008		Comite (6.55EC)
L H	4006		AAtrex 4L	L I	1282		Condor
D H	4007		AAtrex 80W	D I	1009		Counter (15G)
D H	4008		AAtrex Nine-O (WP)	D I	1241		Counter 20CR
D H	4339		Accent (75DG)	L H	4181		Cyclone (2EC)
L I	1002		Ambush (2EC)	L I	1027		Cygon 400 (4EC)
D I	1001		Ambush 25W	D I	1033		Di-Syston 15% G
L I	1004		Asana XL (.66EC)	L I	1034		Di-Syston 8 (EC)
			Atrazine				Diazinon
L H	4041		Atrazine 4L	D I	1047		Diazinon 14G
L H	4042		Atrazine 5L	L I	1041		Diazinon 4E
D H	4043		Atrazine 80 (WP)	D I	1050		Diazinon 50W
D H	4044		Atrazine 90DF	L I	1046		Diazinon AG500 (4E)
			Banvel	L I	1028		Dimethoate 2.67EC
L H	4136		Banvel (4L)	L I	1029		Dimethoate 4EC
L H	4138		Banvel II (2L)				Dipel
L H	4327		Banvel SGF (2EC)	D I	1198		Dipel 10G
L H	4019		Basagran (4L)	L I	1024		Dipel 4L
D H	4521		Basis (WDG)	L I	1025		Dipel ES
D H	4140		Beacon (75DF)	L H	4039		Direx 4L
			Bicep	D H	4040		Direx 80W
L H	4021		Bicep 6L				Dual
L H	4470		Bicep II	L H	4051		Dual (8E)
L H	4468		Bicep Lite	D H	4050		Dual 25G
			Bladex	L H	4466		Dual II
L H	4022		Bladex 4L				Dyfonate
D H	4023		Bladex 80WP	L I	1039		Dyfonate 4EC
D H	4143		Bladex 90DF	D I	1037		Dyfonate II 10-G
				D I	1364		Dyfonate II 15-G
				D I	1038		Dyfonate II 20-G

CHEMICALS and PESTICIDES
for CORN--continued

D/L	CLASS	CODE	NAME	D/L	CLASS	CODE	NAME
Eradicane				Princep			
D	H	4446	Eradicane 25G	L	H	4084	Princep 4L
L	H	4202	Eradicane 6.7E	D	H	4085	Princep 80W
L	H	4054	Eradicane Extra (6EC)	D	H	4249	Princep Caliber 90
D	H	4055	Evik 80W	L	H	4086	Prowl (4EC)
D	H	4523	Exceed 64.6 DF	L	H	4360	Prowl 3.3 EC
L	H	4208	Extrazine II 4L	L	H	4254	Pursuit (2EC)
D	H	4209	Extrazine II DF	L	H	4255	Pursuit Plus (EC)
D	I	1149	Force 1.5G	L	H	4527	Resource 0.86 EC
L	H	4448	Frontier	L	H	4093	Roundup (4L)
D	I	1053	Furadan 15G	L	H	4095	Sencor 4
L	I	1054	Furadan 4F	D	H	4096	Sencor DF (75%)
L	H	4314	Gramoxone Extra (2.5L)	Sevin			
L	H	4494	Guardman Herbicide	L	I	1132	Sevin 4F
L	H	4490	Harness Plus	D	I	1018	Sevin 80S
L	H	4529	Harness Xtra	L	I	1019	Sevin XLR Plus (4E)
D	H	4066	Karmex DF	Simazine			
L	H	4068	Laddok	L	H	4048	Simazine 4L
L	H	4230	Lariat (4F)	D	H	4049	Simazine 80W
Lasso				D	H	4342	Simazine 90DF
L	H	4069	Lasso (4EC)	L	H	4320	Stinger (3EC)
D	H	4070	Lasso II (15G)	L	H	4516	Surpass 100
L	H	4231	Lasso Micro-Tech (4E)	L	H	4515	Surpass EC
L	H	4074	Linex 4L	L	H	4104	Sutan+ 6.7E
D	H	4075	Linex 50DF	D	H	4276	Sutazine + 18-6G
D	H	4077	Lorox DF (50%)	L	H	4277	Sutazine+ (EC)
L	H	4076	Lorox L (4lbs.)	D	I	1256	Thimet 15-G
D	I	1068	Lorsban 15G	D	I	1127	Thimet 20-G
L	I	1069	Lorsban 4E	L	F	7076	Tilt (3.6EC)
L	H	4235	Marksman	L	H	4530	Topnotch
L	I	1158	Methyl Parathion 4EC	Treflan			
D	H	4352	Partner WDG	L	H	4109	Treflan 5 (EC)
L	I	1164	Penncap-M (2 lbs.)	L	H	4108	Treflan EC (4Lbs.)
D	H	4525	Permit 75DF	L	H	4110	Treflan MTF (4EC)
Pounce							
D	I	1105	Pounce 1.5G				
D	I	1106	Pounce 25WP				
L	I	1107	Pounce 3.2EC				

MACHINERY and IMPLEMENT CODES

PLOWS and DISKS

- 01 Chisel Plow (Big Ox)
- 02 Coulter Plow
(Coulter Chisel, Soil Saver, Soil Conserver)
- 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)
- 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

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

PACKERS

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

Roller-packer
- 52 -Attachment
- 53 -Smooth & Flat

HARROWS (DRAGS)

- 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

BEDDERS-SHAPERS

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

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

MISCELLANEOUS TILLAGE

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

FERTILIZER APPLICATORS

- 71 Aerial (Airplane)
- 72 Attachment to Implement
- 73 Manure Spreader
- 74 Self-propelled
- 75 Truck Spreader

Tractor Mounted
- 76 -Anhydrous
- 77 -Dry (Includes Lime & Gypsum)
- 78 -Liquid

Trailer Mounted
- 79 -Anhydrous
- 80 -Dry (Includes Lime & Gypsum)
- 81 -Liquid

CHEMICAL APPLICATORS

- 91 Aerial (Airplane)
- 92 Attachment to Implement
- 93 Largest Self-propelled
(Or Large Truck)
- 94 Motorcycle/ATV
Sprayer
- 95 Small Self-propelled
(Spra-coupe, Hi-cycle)
- 96 Small Truck
(Skid Mounted)
- 97 Tractor Mounted
- 98 Trailer Mounted

MACHINERY and IMPLEMENT CODES, continued

DRILLS and SEEDERS

- 101 Aerial Seeding
- 102 Broadcast Seeder
- Drill
- 103 -Air Delivery
- 104 -Lister Disk
- 105 -No-till,
Minimum till
- 106 -Plain
- 107 -Press, Disk or Hoe

PLANTERS

- 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
- 271 Potato Planter

HARVESTING EQUIPMENT

- Small Grains Combine
- 121 -(Self-propelled)
- 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
- Row Crops Combine
- 128 -(Self-propelled)
Hillside
- 129 -Self-propelled, 2wd
Or 2wd with
Rear Wheel Assist
- 130 -Self Propelled, 4wd
- 131 -Track
- 132 -PTO/motor
Mounted
- 133 Corn Picker

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
- Mower-chopper
- 149 -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

**LAND FORMING
EQUIPMENT**

- 171 Backhoe
- 172 Disk Border Maker
- 173 Ditch Closer
- 174 Ditcher
- 175 Levee Plow Disk
- 176 Quarter Drain
Machine
- 177 Rear Mounted Blade
- 178 Corrugator
(Furrow Diker,
Dammer Diker,
Diker)
- 179 Float
- 180 Land Plane Leveler
(Water Leveler)
- 181 Laser Planer,
Laser Leveler

For implements codes 171-177, enter the 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
- 194 Grain Wagon or Cart
- 208 Gravity Wagon
- 195 Hay Wagon
- 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

**MACHINE
OPERATOR
LABOR CODES**

for Section H, Item 3,
Column 5

PTO - Power Take-off
 WD - Wheel Drive

- 1 YOU (The Operator)
- 2 PARTNER
- 3 UNPAID WORKER
- 4 PAID PART-TIME or
SEASONAL WORKER
- 5 PAID FULL-TIME
WORKER
- 6 CUSTOM APPLICATOR

PEST MANAGEMENT INFORMATION SOURCES

Section G
Item 19

- | | |
|----|---|
| 1 | EXTENSION A DVISOR, P UBLICATIONS
OR D EMONSTRATIONS
(COUNTY, COOPERATIVE OR UNIVERSITY) |
| 2 | FARM S UPPLY OR C HEMICAL D EALER |
| 3 | COMMERCIAL S COUING S ERVICE |
| 4 | CROP C ONSULTANT OR P EST C ONTROL

A D VISOR |
| 5 | OTHER G ROWERS OR P RODUCERS |
| 6 | PRODUCER A SSOCIATIONS, N EWSPAPER
OR T RADE M AGAZINES |
| 7 | TELEVISION OR R ADIO P ROGRAMS,

N E WSPAPERS |
| 8 | ELECTRONIC I NFORMATION OR S ERVICES
(WORLD WIDE WEB, DTN, ETC.) |
| 9 | OTHER |
| 10 | NONE |

SECTION I
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 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 OTHER - SPECIFY

FERTILIZER/PESTICIDE APPLICATION METHODS

Section E
 Column 6

AND

Section F
 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 IN OR OVER ROW |
| 8 | FOLIAR OR DIRECTED SPRAY |
| 9 | SPOT TREATMENTS |

Public reporting burden for the Corn Production Practices and Costs Report is estimated to average 75 minutes per response. Public reporting burden for the Corn Production Practices Report is estimated to average 40 minutes per response. This includes the time for reviewing instructions, gathering and maintaining the data needed, and completing the questionnaire. Federal agencies may not conduct or sponsor, and a person is not required to respond to, information collection unless it displays a currently valid OMB number. Send comments regarding this burden estimate or any other aspect of this survey, including suggestions for reducing the burden to USDA OIRM, Project 0535-0218, Ag Box 7630, Washington D.C. 20250.

