

AGRICULTURAL RESOURCE MANAGEMENT STUDY
WHEAT PRODUCTION PRACTICES REPORT
for 1997

RESPONDENT BOOKLET

FERTILIZER / PESTICIDE APPLICATION METHODS

Section C, Column 6

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Section D, Column 9 . . .

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|---|--|
| 1 | B ROADCAST, GROUND WITHOUT INCORPORATION |
| 2 | B ROADCAST, GROUND WITH INCORPORATION |
| 3 | B ROADCAST, BY AIR |
| 4 | IN S EED F URROW |
| 5 | IN I RRIGATION W ATER |
| 6 | C HISEL/ I NJECTED OR K NIFED IN |
| 7 | B ANDED/ S IDEDRESSED IN OR O VER R OW |
| 8 | F OLIAR OR D IRECTED S PRAY |
| 9 | S POT T TREATMENTS |

Chemicals and Pesticides for WHEAT

D/L	Class	Code	Name	D/L	Class	Code	Name
L	H	4351	2,4-D/Agasco 400 (EC)	D	H	4125	Glean FC (75 DF)
L	H	4444	2,4-D/Class 40A				
L	H	4443	2,4-D/Class LV4	D	H	4139	Harmony Extra (DF)
L	H	4001	2,4-D/Dacamine 4D	L	H	4065	Hoelon 3EC
L	H	4204	2,4-D/Esteron 99 Concentrate	D	H	4066	Karmex DF
L	H	4291	2,4-D/Formula 40				
L	H	4221	2,4-D/Hi-Dep	L	H	4229	Landmaster BW
L	H	4265	2,4-D/Salvo	L	H	4326	Landmaster II
L	H	4306	2,4-D/Weed-Rhap LV-4D				
L	H	4003	2,4-D/Weedar 64	L	H	4072	Lexone 4L
L	H	4296	2,4-D/Weedone 638	D	H	4073	Lexone DF
L	H	4298	2,4-D/Weedone LV4				
L	H	4299	2,4-D/Weedone LV6	L	I	1069	Lorsban 4E
D	H	4123	Ally (60DF)	L	H	4293	MCP 4 Ester
D	H	4390	Amber	L	H	4292	MCP Amine 4
L	H	4133	Assert (2.5EC)				
L	H	4135	Avenge (2L)	L	I	1236	Malathion 5EC (57%)
L	H	4136	Banvel (4L)	L	I	1158	Methyl Parathion 4EC
L	H	4327	Banvel SGF (2EC)	L	I	1086	Methyl Parathion 6EC
L	H	4153	Bronate (4EC)	L	I	1088	Methyl Parathion 7.5EC
L	H	4024	Buctril (2EC)	L	I	1164	Penncap-M (2 lbs.)
			CHEYENNE (both required)	D	F	7026	Penncozeb (80WP)
L	H	4465	Cheyenne FM	D	F	7098	Penncozeb DF (75%)
D	H	4471	X-TRA	L	H	4581	Puma
				L	H	4093	Roundup (4L)
L	H	4180	Curtail (EC)	L	H	4095	Sencor 4
L	H	4365	Curtail M (EC)	D	H	4096	Sencor DF (75%)
L	H	4181	Cyclone (2EC)				
L	I	1027	Cygon 400 (4EC)	L	I	1019	Sevin XLR Plus (4E)
L	H	4445	Dakota TP	L	H	4320	Stinger (3EC)
				L	H	4486	Sword
D	I	1033	Di-Syston 15% G	D	I	1256	Thimet 15-G
L	I	1034	Di-Syston 8 (EC)	D	I	1127	Thimet 20-G
L	I	1028	Dimethoate 2.67EC	L	H	4280	Tiller
L	I	1029	Dimethoate 4EC				
L	I	1267	Dimethoate	L	F	7076	Tilt (3.6EC)
				L	F	7210	Tilt Plus
L	H	4039	Direx 4L				
D	H	4040	Direx 80W	L	H	4281	Tordon 22K (2EC)
D	F	7127	Dithane DF (75%)	L	H	4109	Treflan 5 (EC)
L	F	7015	Dithane F-45 (4EC)	L	H	4108	Treflan EC (4Lbs.)
				L	H	4110	Treflan MTF (4EC)
L	H	4045	Diuron 4L	D	H	4111	Treflan TR-10 (10G)
D	H	4046	Diuron 80W				
D	H	4205	Express (DF)	L	H	4286	Tri-4 (EC)
				L	H	4112	Trilin (4EC)
L	H	4210	Fallowmaster	L	I	1435	Warrior
L	H	4057	Far-Go (4EC)				
D	H	4211	Far-Go Granular (10%)				
D	H	4214	Finesse (DF)				

TARGET PEST CODE LIST

INSECTS

- 010 APHIDS
- BETTER, WEEVILS or
- 727 Corn Rootworm (adults)
728 Corn Rootworm (larvae)
- 020 Other Beetles, Weevils or
Wireworms
- 030 Cutworms or Armyworms
- MOTH / CATERPILLAR
- 754 Pink Bollworm
045 Other Bollworm
757 Tobacco Budworm
- 040 Other Moths or Caterpillars
*(loopers, leafminer, leaf
leafworm, corn borer, webworm,
leafrollers, soybean podworm,
fall armyworm, corn ear worm)*
- 050 TRUE BUG
*(flea-hoppers, lygus bugs, stink
chinch bugs, tarnished plant*
- 060 WHITEFLY, MEALYBUGS or
LEAF HOPPERS
- 080 GRASSHOPPERS or CRICKETS
- 090 MITES
- 095 FLIES or MAGGOTS
- 085 THRIPS
- 100 NEMATODES

DISEASES

- 110 FUNGAL (FUNGUS) DISEASES
120 VIRAL (VIRUS) DISEASES

WEEDS

- ANNUAL GRASSES
- 607 Foxtail
171 Other Annual Grasses
- PERENNIAL GRASSES
- 617 Shattercane
608 Johnsongrass
616 Quack Grass
171 Other Perennial Grasses
- 177 Sedges
- 173 Perennial Broadleaves
- 174 Annual Broadleaves
- 180 Other
(defoliant, desiccant or growth

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)

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

**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

OTHER IMPLEMENTS

- 191 Burn Buggy
- 192 Chaff/straw Saver
- 193 Electric-discharge
Weed Killer
- 197 Rock Picker
- 198 Rock Windrower or
Rake
- 199 Rodent (Gopher)
Killer
- 200 Roller Groover
- 202 Shredder, Flail
- 203 Shredder, Rotary
- 205 Stalk Shredder,
Stalk Cutter
- 206 Swath Roller

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.

PEST MANAGEMENT INFORMATION SOURCES

Section E, 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 COUTING S ERVICE
4	CROP C ONSULTANT OR P EST C ONTROL A DVISOR
5	OTHER G ROWERS OR P RODUCERS
6	P RODUCER A SSOCIATIONS, N EWSPLETTER OR T RAD M AGAZINES
7	E LECTRONIC I NFORMATION OR S ERVICES (WORLD WIDE WEB, DTN, ETC.)
8	O TH E R
9	N ONE

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	FLOOD

