

**AGRICULTURAL RESOURCE MANAGEMENT STUDY  
FLUE-CURED TOBACCO PRODUCTION PRACTICES and COSTS REPORT  
for 1996**

**RESPONDENT BOOKLET**  
CHEMICALS and PESTICIDES  
for FLUE-CURED TOBACCO

D/L	CLASS	CODE	NAME	D/L	CLASS	CODE	NAME
D	I	1355	Agree	L	I	1236	Malathion 5EC (57%)
L	I	1203	Biobit FC	L	I	1228	Malathion 8E
L	I	1011	Carbaryl 4L	D	F	7025	Manzate 200 DF (75%)
D	I	1012	Carbaryl 50W				
D	MG	9118	Chlor-o-pic				
L	H	4171	Command 4EC				
L	I	1141	Cythion 57% EC				
D	H	4036	Devrinol 10-G				
L	H	4037	Devrinol 2-E				
D	H	4038	Devrinol 50-WP				
D	H	4343	Devrinol 50-DF				
D	I	1033	Di-Syston 15% G				
L	I	1034	Di-Syston 8 (EC)				
L	I	1041	Diazinon 4E				
D	I	1050	Diazinon 50W				
L	I	1022	Dibrom 8 Emulsive				
D	I	1198	Dipel 10G				
D	I	1023	Dipel 2X (WP)				
L	I	1024	Dipel 4L				
D	F	7016	Dithane M-45 (80WP)				
L	I	1039	Dyfonate 4EC				
D	I	1037	Dyfonate II 10-G				
D	I	1364	Dyfonate II 15-G				
D	I	1040	Dylox 80% SP				
L	I	1437	Edge				
L	MG	9004	Ethrel Plant Regulator (2EC)				
L	MG	9113	Fair 30				
L	MG	9114	Fair 85				
L	I	1054	Furadan 4F				
L	I	1313	Golden Leaf Tobacco Spray				
D	I	1142	Javelin WG				
D	I	1065	Lannate (90WSP)				
L	I	1063	Lannate L (1.8 lbs.)				
L	I	1064	Lannate LV (2.4 lbs.)				
D	I	1068	Lorsban 15G				
L	I	1069	Lorsban 4E				
L	I	1322	M-Pede				

D	I	1080	Mocap 10G
L	I	1082	Mocap EC (6lbs)
L	I	1314	Mocap Plus 4-2 EC
D	I	1096	Nemacur 15G
L	I	1097	Nemacur 3E
L	MG	9108	Off-shoot-T 85
D	I	1102	Orthene 75 S
D	I	1316	Orthene Tobacco Insect Spray
L	H	4378	Paarlan E.C.
L	I	1164	Penncap-M (2 lbs.)
L	I	1365	Phaser (3EC)
D	I	1366	Phaser 50WP
L	H	4081	Poast (1.5 EC)
L	MG	9039	Prep (6 EC)
L	MG	9100	Prime+
L	H	4086	Prowl (4EC)
L	H	4360	Prowl 3.3 EC
D	I	1113	Proxol 80 SP
L	F	7027	Ridomil 2E
L	MG	9008	Royal MH-30 (1.5EC)
L	I	1191	Saf-T-Side
L	I	1132	Sevin 4F
D	I	1015	Sevin 5% Bait
D	I	1172	Sevin 50W
D	I	1018	Sevin 80S
L	I	1019	Sevin XLR Plus (4E)
L	I	1370	Sniper 2E
L	MG	9120	Sucker Stuff
L	MG	9034	Super Sprout Stop
L	I	1123	Supracide 2E
L	MS	9010	Telone C-17
L	MS	9011	Telone II
D	I	1124	Temik 15G
L	I	1317	Thiodan 2 C.O. EC
L	I	1128	Thiodan 3EC
D	I	1174	Thiodan 50WP
L	H	4107	Tillam 6E
L	I	1177	Vydate L (2 Lbs)
D	I	1377	Xentari WDG

## MACHINERY and IMPLEMENT CODES

PLOWS and DISKS
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**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

PTO - Power Take-off  
WD - Wheel Drive

### 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 Shredder, Flail
- 203 Shredder, Rotary
- 204 Silage Harvester
- 205 Stalk Shredder,  
Stalk Cutter
- 206 Swath Roller

### 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
- 258 Trailer/Wagon/Cart  
(Harvest)
- 259 Transplanter
- 266 Transplanter,  
Carousel
- 260 Transplant Digger  
(Mechanical)
- 261 Tying Machine

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

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