

2009 AGRICULTURAL RESOURCE MANAGEMENT SURVEY

Phase II

RESPONDENT BOOKLET for

Version 31 (WINTER WHEAT)

Version 32 (DURUM WHEAT)

Version 33 (SPRING WHEAT)

Section B, item 12c

REASONS FOR RESISTANT SEED VARIETY

- 1 Increase yields through improved pest (weed) control?
- 2 Decrease herbicide costs?
- 3 Decrease machinery costs?
- 4 Improve ability to use or ease of using reduced tillage or no-till system?
- 5 Improve ability to use or 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? [*Specify:*_____]

Section B, item 27a

FEDERAL CROP INSURANCE COVERAGE

- 1 **Basic Catastrophic Insurance** (*Federal CAT*) bought for a flat fee and protects against crop loss greater than 50% of average yield, at 55% of the price.
- 2 **Buy-up Above Basic Federal CAT** for higher levels of yield and price protection (*such as 65% of yield and 100% Price, multi peril crop insurance*).
- 3 **Revenue Insurance** include Income Protection (IP), Crop Revenue Coverage (CRC), and Revenue Assurance (RA).
- 4 **Organic Plan Insurance** includes:
 - 1) certified organic acreage,
 - 2) transitional acreage being converted to certified organic, and
 - 3) buffer zone acreage.
- 5 **Other Federal Crop Insurance** (*Group Risk Plan, Adjusted Gross Revenue, Group Risk Income Protection, etc.*).

Section C, Column 6 & Section D, Column 9

**FERTILIZER/PESTICIDE
APPLICATION METHODS**

- 1 Broadcast, ground without incorporation
- 2 Broadcast, ground with incorporation
- 3 Broadcast, by aircraft
- 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 (***Section D only***)

Section C, item 4

Common Fertilizers and Their Percent Analysis

[Enumerator Note: *If Respondent cannot report the formulation for Section C, item 4, 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) | L | 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 |
| Monoammonium phosphate (MAP) | D | 11-13 | 48-62 | --- | --- |
| Natralene | 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 | --- |
| 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 | --- | --- | --- |
| Urea, sulfure 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 | --- | --- |

**Section D, item 1
CHEMICALS and PESTICIDES for Wheat, All**

F = Fungicide; **H** = Herbicide; **I** = Insecticide; **M** = Misc. Other; **MD** = Defoliant/Dessicant; **MG** = Growth Regulator
AS = Aqueous Suspension, **D** = Dust, **DF** = Dry flowable, **DG** = Water-Dispersible Granules, **E** or **EC** = Emulsifiable Concentrate,
ES = Emulsifiable solution, **F** or **L** = Flowable, **G** or **GR** = Granular, **L** = Liquid, **LV** = Low volatility, **M** or **ME** = Microencapsalted,
P = Pellets, **S** = Solution, **SC** = Soluble Concentrate, **SL** = Slurry, **SP** = Soluble powder, **W** or **WP** = Wettable powder,
WDG or **WG** = Water-Dispersible Granules, **WSP** = Water-soluble packet

| D/L | Class | Code | Product Name | D/L | Class | Code | Product Name |
|------------|--------------|-------------|------------------------------------|------------|--------------|-------------|----------------------------------|
| L | H | 4377 | 2,4-D Amine 4 (3.80 lbs/g) | L | H | 4136 | Banvel (4L) |
| L | H | 4377 | 2,4-D Amine 400 (3.80 lbs/g) | L | H | 4617 | Banvel + 2,4-D |
| L | H | 4664 | 2,4-D Amine 6 (5.6 lbs/gal) | L | H | 4327 | Banvel SGF (2EC) |
| L | H | 4480 | 2,4-D LV 6 (5.60 lbs/g) | L | H | 4808 | Barrage |
| L | H | 4480 | 2,4-D LV 600 (5.60 lbs/g) | L | H | 4531 | Barrage HF |
| L | H | 4758 | 2,4-D Amine (3.76lbs/gal) | L | H | 4920 | Beyond (Clearfield Crops) |
| L | H | 4562 | 2,4-D Class LV4 (3.80 lbs/g) | L | H | 3023 | Bison |
| L | H | 4271 | 2,4-D Lo-V Ester (3.76 lbs/g) | L | H | 4963 | Brash |
| | | | | L | H | 4655 | Bromox/MCPA 2 – 2 |
| | | | | L | H | 4153 | Bronate (4EC) |
| L | H | 4892 | Achieve SC | L | H | 4856 | Bronate Advanced |
| D | H | 4168 | Affinity BroadSpec Herbicide (25%) | L | H | 4216 | Brox-M |
| D | H | 4991 | Affinity Tankmix (40%) | L | H | 4884 | Buccaneer Glyphosate |
| L | H | 4351 | Agasco 400 | D | H | 4155 | Buckle (G) |
| L | H | 4974 | Agasco B--4 | L | H | 4024 | Buctril (2EC) |
| L | H | 4353 | Agasco MXL | L | H | 4025 | Buctril (4EC) |
| D | H | 4683 | Aim (40% WDG) | L | F | 7534 | Bumper EC (41.8 % Propiconazole) |
| L | H | 4880 | Aim EW | | | | |
| D | H | 4859 | Ally Extra | | | | |
| D | H | 4120 | Ally Extra SG | L | H | 4166 | Chiptox (MCPA) |
| D | H | 4123 | Ally XP (60DF) | L | H | 4469 | Clarity 4L |
| D | H | 4390 | Amber | L | H | 4437 | CleanWave |
| L | H | 4666 | Amine 6 - 2,4-D (6 lbs/g) | L | H | 4875 | ClearOut 41 Plus / Gly Star Plus |
| L | H | 4133 | Assert (2.5 lbs/g) | L | H | 3083 | Clopyralid + MCPA Ester |
| D | H | 4704 | Assert SG (67%) | L | H | 4872 | Cornerstone |
| L | H | 4135 | Avenge | L | H | 4894 | Credit |
| L | H | 4428 | Axial | L | H | 4892 | Credit Duo |
| L | H | 4436 | Axial XL | L | H | 4180 | Curtail (EC) |
| D | H | 4651 | Axiom DF | L | H | 4365 | Curtail M (EC) |

F = Fungicide; **H** = Herbicide; **I** = Insecticide; **M** = Misc. Other; **MD** = Defoliant/Dessicant; **MG** = Growth Regulator
AS = Aqueous Suspension, **D** = Dust, **DF** = Dry flowable, **DG** = Water-Dispersible Granules, **E** or **EC** = Emulsifiable Concentrate,
ES = Emulsifiable solution, **F** or **L** = Flowable, **G** or **GR** = Granular, **L** = Liquid, **LV** = Low volatility, **M** or **ME** = Microencapsalted,
P = Pellets, **S** = Solution, **SC** = Soluble Concentrate, **SL** = Slurry, **SP** = Soluble powder, **W** or **WP** = Wettable powder,
WDG or **WG** = Water-Dispersible Granules, **WSP** = Water-soluble packet

| D/L | Class | Code | Product Name | D/L | Class | Code | Product Name |
|-----|-------|------|--|-----|-------|------|---------------------------------------|
| L | H | 4898 | Dagger | D | H | 4125 | Glean (75DF) |
| L | H | 4895 | Dicamba DMA Salt | L | H | 4882 | Gly Star Plus |
| L | H | 4866 | Dicamba SG | L | H | 4580 | Glyphos X-TRA |
| L | I | 1212 | Dimate 4E | L | H | 4882 | Glyphosate |
| L | I | 1028 | Dimethoate 2.67 EC | L | H | 4664 | Gordon's Amine 600 2,4-D (5.60 lbs/g) |
| L | I | 1029 | Dimethoate 400 | | | | |
| L | I | 1029 | Dimethoate 4EC | | | | |
| L | I | 1403 | Dimethoate 57% (5 lb/g) | D | H | 4141 | Harmony Extra TotalSol SG |
| L | H | 4820 | Discover (22.3%) | D | H | 4139 | Harmony Extra XP DF |
| L | H | 4938 | Discover NG (6.35%) | D | H | 4137 | Harmony GT XP (75%) |
| L | H | 4664 | DMA 6 Weed Killer (5.60 lbs/g) | D | H | 4142 | Harmony TotalSol SG (50%) |
| L | H | 4970 | Double Up B+D | L | F | 7522 | Headline |
| | | | | L | H | 4221 | Hi-Dep |
| | | | | L | H | 4065 | Hoelon 3EC |
| D | H | 4855 | Everest/Pre-pare 70% WDG | | | | |
| D | H | 3021 | Express with TotalSol Soluble Granules 50% | | | | |
| D | H | 4205 | Express XP (DF) 75% | L | I | 1707 | Karate Z |
| | | | | | | | |
| L | H | 3017 | Far-Go | L | I | 1069 | Lorsban 4E |
| D | H | 4211 | Far-Go Granular (10%) | L | I | 1071 | Lorsban Advanced |
| D | H | 4214 | Finesse (DF) | L | H | 4826 | LV 400 2,4-D Weed Killer |
| D | H | 4105 | Finesse Grass & Broadleaf | | | | |
| L | F | 7254 | Folicur | | | | |

F = Fungicide; **H** = Herbicide; **I** = Insecticide; **M** = Misc. Other; **MD** = Defoliant/Dessicant; **MG** = Growth Regulator
AS = Aqueous Suspension, **D** = Dust, **DF** = Dry flowable, **DG** = Water-Dispersible Granules, **E** or **EC** = Emulsifiable Concentrate,
ES = Emulsifiable solution, **F** or **L** = Flowable, **G** or **GR** = Granular, **L** = Liquid, **LV** = Low volatility, **M** or **ME** = Microencapsalted,
P = Pellets, **S** = Solution, **SC** = Soluble Concentrate, **SL** = Slurry, **SP** = Soluble powder, **W** or **WP** = Wettable powder,
WDG or **WG** = Water-Dispersible Granules, **WSP** = Water-soluble packet

| D/L | Class | Code | Product Name | D/L | Class | Code | Product Name |
|-----|-------|------|--|-----|-------|------|---------------------------|
| L | H | 4018 | Maestro Advanced | D | H | 4569 | Peak |
| L | H | 4959 | Maestro D | L | F | 7668 | Proline 480 SC |
| D | H | 4791 | Maverick | L | F | 7528 | Propiconazole EC (41.8%) |
| L | H | 3080 | MCP Amine | L | F | 7667 | Prosaro 421 SC |
| L | H | 4292 | MCP Amine 4 (52%) | L | H | 4581 | Puma 1EC (11.53%) |
| L | H | 3081 | MCP Ester | L | H | 3085 | Puma Ultra (8.79%) |
| L | H | 3082 | MCPA - 6 Amine | | | | |
| L | H | 4356 | MCPA Amine (3.7 SC) | | | | |
| L | H | 4487 | MCPA LV Ester | L | F | 7575 | Quilt |
| L | H | 4079 | MCPA Sodium Salt | | | | |
| L | H | 4513 | MCPE Phenoxy | | | | |
| L | H | 4966 | Mextrol EC | L | H | 4604 | Raptor (Clearfield Crops) |
| | | | | D | H | 4750 | Rave |
| L | H | 3088 | NXTcp (Multi-pack--tank mix with Starane-code 3087) | L | H | 4903 | Rhino |
| | | | | L | H | 4262 | Rhonox MCPA Ester (EC) |
| | | | | D | H | 4425 | Rimfire |
| | | | | L | H | 4700 | Roundup Custom |
| D | H | 4397 | Olympus 70% Water Dispersible | L | H | 4093 | Roundup Original |
| D | H | 4195 | Olympus Flex | L | H | 4315 | Roundup Original II |
| D | H | 4951 | Osprey | L | H | 4561 | Roundup Ultra |
| L | H | 4940 | Outlaw | L | H | 4763 | Roundup Ultra Max |
| | | | | L | H | 4418 | RT 3 Herbicide |
| | | | | L | H | 4857 | RT Master |
| | | | | L | H | 4407 | RT Master II |

F = Fungicide; **H** = Herbicide; **I** = Insecticide; **M** = Misc. Other; **MD** = Defoliant/Dessicant; **MG** = Growth Regulator
AS = Aqueous Suspension, **D** = Dust, **DF** = Dry flowable, **DG** = Water-Dispersible Granules, **E** or **EC** = Emulsifiable Concentrate,
ES = Emulsifiable solution, **F** or **L** = Flowable, **G** or **GR** = Granular, **L** = Liquid, **LV** = Low volatility, **M** or **ME** = Microencapsalted,
P = Pellets, **S** = Solution, **SC** = Soluble Concentrate, **SL** = Slurry, **SP** = Soluble powder, **W** or **WP** = Wettable powder,
WDG or **WG** = Water-Dispersible Granules, **WSP** = Water-soluble packet

| D/L | Class | Code | Product Name | D/L | Class | Code | Product Name |
|-----|-------|------|---|-----|-------|------|--|
| L | H | 4265 | Salvo | L | H | 3084 | Teamwork + MCPE |
| L | H | 4095 | Sencor 4 Flowable | L | F | 7076 | Tilt |
| D | H | 4096 | Sencor DF (75%) | L | H | 4848 | Touchdown (28.3%) |
| L | H | 4265 | Salvo | L | H | 4983 | Treflan 4L |
| L | H | 4095 | Sencor 4 Flowable | D | H | 4111 | Treflan TR-10 |
| D | H | 4096 | Sencor DF (75%) | L | H | 3084 | Teamwork + MCPE |
| L | H | 3087 | Starane (Multi-pack--tank mix with NXTcp-code 3088) | | | | |
| L | H | 4868 | Starane + Saber | | | | |
| L | H | 4819 | Starane + Salvo | L | I | 1553 | Warrior With Zeon Technology |
| L | H | 4863 | Starane + Sword | L | H | 4995 | WECO MAX |
| L | H | 4628 | Starane EC | L | H | 4003 | Weedar 64 |
| L | H | 3089 | Starane NXT | L | H | 4295 | Weedmaster |
| L | H | 3086 | Starane Ultra | L | H | 4945 | Widematch |
| L | H | 4802 | Sterling | L | H | 3091 | WideMatch CM (Co-Pack--tank mix with WideMatch S-3090) |
| L | F | 7513 | Stratego | L | H | 3090 | WideMatch S (Co-Pack--tank mix with WideMatch CM-3091) |
| | | | | L | H | 4971 | Wildcard Xtra |
| | | | | L | H | 3098 | Wolverine |
| | | | | L | H | 3097 | Wolverine PowerPak |

Conversion Factors for Liquid and 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

Section E, item 25

PEST MANAGEMENT INFORMATION SOURCES

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

Section F, item 3, columns 3 & 4
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 |

| 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) |
| 67 | Root Crown Puller |
| 68 | Stalk Puller/Chopper |

| HARROWS (DRAGS) | |
|------------------------|---|
| 30 | Heavy Harrow |
| 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 | Float |
| 46 | Lister (Middle-buster) |
| 47 | Rorovator-bedder |
| 48 | Seedbed Roller (Flat Roller) |
| 49 | Sub-soil Bedder (Ripper-hipper) |
| 50 | Discovator |

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

| 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 |
| 28 | Fallow Master |

| 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 |

| FERTILIZER APPLICATORS | |
|-------------------------------|-------------------------|
| 71 | Aerial (Airplane) |
| 72 | Attachment to implement |
| 73 | Manure Spreader |
| 74 | Self-propelled |
| 75 | Truck Spreader |
| Tractor Mounted | |
| 76 | Anhydrous |
| 77 | Dry |
| 78 | Liquid |
| Trailer Mounted | |
| 79 | Anhydrous |
| 80 | Dry |
| 81 | Liquid |

CHEMICAL APPLICATIONS

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

DRILLS and SEEDERS

- 101 Aerial Seeding
- 102 Broadcast Seeder

Drill

- 103 Air Delivery
- 104 Lister Disk
- 105 No-till or minimum till
- 106 Plain
- 107 Press, Disk or Hoe

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

PTO Power Take-off

WD Wheel Drive

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 Dicer, Dammar Dicer,
Dicer)
- 180 Land Plane Leveler
(Water Leveler)
- 181 Laser Planer, Laser Leveler
- 182 Gate Setter
- 183 Bull Dozer

ENUMERATOR NOTE:

*For Land Forming Equipment codes
171 – 183, enter Total Hours Operated
in column 10.*

MOWERS and BALERS

- 141 Amish Harvester

Baler

- 145 Motor Mounted
- 146 PTO (Large)
- 147 PTO (Small)
- 148 Self-propelled
- 159 Stacker, Automatic

Mowers

- 149 Mower-chopper-Rotary
- 150 Conditioner/PTO
- 151 Self-propelled
- 152 Drum disk
- 153 Flail
- 154 Sickle

Rake

- 155 Dump
- 156 Side Delivery
- 157 Wheel
- 162 Hay Tedder
- 234 Brush Rake Sweeper

HAULING EQUIPMENT

Bale wagon/mover

- 142 Bale wagon (PTO)
- 143 Bale Wagon (Self-propelled)
- 144 Bale Loader
- 158 Stack Mover
- 160 Front End Loader
- 161 Round Bale Mover
- 195 Hay wagon
- 224 Forklift

Trailers

- 194 General Purpose Wagon or Cart
- 195 Hay Wagon
- 208 Gravity Wagon
- 209 Grain Cart with Auger
- 221 Forage Wagon
- 222 Dump Wagon
- 229 Bin Trailer
- 228 Other Trailers

Trucks

- 301 Single Axle
- 302 Tandem Axle
- 303 Tri Axle
- 304 Semi
- 305 Other Trucks

ENUMERATOR NOTE:

*For Hauling Equipment codes above,
enter Total Hours Operated in
column 10.*

OTHER IMPLEMENTS

- 191 Burn Buggy
- 192 Chaff/straw Saver
- 193 Electric-discharge Weed Killer
- 196 Off-field Thresher
- 197 Rock Picker
- 198 Rock Windower 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

Section G, item 2
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 10
RUN-OFF CODES

- | |
|---|
| 1 Retained at the end of the field? |
| 2 Reused to irrigate on the farm? |
| 3 Collected in evaporation ponds on the farm? |
| 4 Drained from the farm? |
| 5 There is no runoff. |