



AGRICULTURAL RESOURCE MANAGEMENT SURVEY
PHASE II
WHEAT PRODUCTION PRACTICES and COST REPORT
RESPONDENT BOOKLET



National
Agricultural
Statistics
Service

2017

Dear Producer,

Every year, the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) conducts the Agricultural Resource Management Survey (ARMS). The survey gathers information on production practices for different commodities each year. In 2017, ARMS focuses on U.S. soybean, wheat, and cotton production and or cost practices.

The interviewer will ask you to report your nutrient or fertilizer use and your pest management practices. The results of this survey will help agricultural leaders and decision-makers better understand how producers cope with risk, adapt to policy changes, and make decisions about chemical use, new technologies and many other aspects of farming.

Your participation is important. By responding to this survey not only can you help ensure that decisions impacting the production practices and well-being of farms are based on accurate, timely information, you also represent and give voice to thousands of farmers like you across the nation.

As with all our surveys, NASS safeguards the privacy of all respondents, ensuring that no individual respondent or operation can be identified. Be assured that your responses to ARMS will be kept **confidential**, as required by federal law.

Thank you in advance for investing in the future of U.S. agriculture. You are helping to ensure that decisions affecting you, your family, your business and your community are based on the facts.

Sincerely,

Mark Harris
Chair, Agricultural Statistics Board
U.S. Department of Agriculture
National Agricultural Statistics Service

Enclosures

FEDERAL CROP INSURANCE COVERAGE

Section B, Item 19

100 42-S Thiram	129 Avicta® 500 FS	158 Latitude	187 Sebring™ 2.65 ST
101 Acceleron	130 AXCESS™	159 Lesco	188 Sebring™ 318 FS
102 Acceleron® DX-309	131 Belmont	Lesco® 4 Flowable	189 Sebring™ 480 FS
103 Acceleron® DX-709	132 Belmont™ 2.7 FS	160 Mancozeb	190 Senator
104 Acceleron™ DC-309	133 Bonide Mancozeb w/Zinc Concentrate	Lorsban® 50W in water	191 Senator® 600 FS
105 Acceleron™ DC-509	134 Captan	161 soluble packets	192 Signet
106 Acceleron™ HX-209	135 Captan 400	162 Maxim	193 Signet™ 480 FS
107 Acceleron™ IC-609	136 Captan 400-C	163 Maxim® 4 FS	194 Stamina
108 Acceleron™ IX-409	137 Cruiser	164 Maxim® Quattro	195 Stamina® F3 HL
109 Acquire™	138 Cruiser Extreme®	165 Maxim® XL	Stimulate™ Yield
110 Actinogrow	139 Cruiser® 5FS	166 Mycostop®	196 Enhancer
111 Actinogrow™ ST	140 Dithane	167 N-Hibit	197 T-22™ HC
112 Agri Star	141 Dithane M45®	168 N-Hibit® Gold CST	198 Tebusha
113 Agri Star Metalaxyl® 265 ST	142 Dithane® 75DF Rainshield®	169 N-Hibit® HX-209	199 Tebusha 3.6FL
114 Agri Star® Macho™ 600 ST	143 Dithane® DF Rainshield®	170 NipsIt	200 Tebuzol
115 Agrisolutions	144 Dithane® F45 Rainshield®	171 NipsIt INSIDE®	201 Tebuzol™ 3.6F
116 Agrisolutions™ Concur™	145 Dyna-Shield	172 Penncozeb	202 Trilex
117 Agrisolutions™ Nitro Shield®	146 Dyna-Shield® Imidacloprid 5	Penncozeb® 4FL	203 Trilex® Flowable
118 Allegiance	147 Dyna-shield® Metalaxyl	173 Flowable	204 Vault
119 Allegiance® Dry	148 Dynasty®	Penncozeb® 75DF Dry	205 Vault® Hp
120 Allegiance® FL	149 Flowsan®	174 Flowable	206 Vitaflo
121 AmTide	150 Gaucho	175 Penncozeb® 80WP	207 Vitaflo™ 280
122 AmTide Tebu 3.6F	151 Gaucho® 480 Flowable	176 Poncho	208 Vortex®
123 Apron	152 Gaucho® 600 Flowable	177 Poncho® 600	209 Yield Shield®
124 Apron® XL	153 Gaucho® Sb Flowable	178 Poncho® VOTIVO™	999 Other
125 Ascend™	154 Kernel Guard	179 Protégé	3 Seed treatment not applied
126 Attendant	155 Kernel Guard® Supreme	180 Protégé™ FL	
127 Attendant® 600	156 KickStand	181 Rancona	
128 Avicta	157 KickStand™ PGR	182 Rancona® 3.8 FS	
		183 Sativa	
		184 Sativa® 309 FS	
		185 Sativa® 318 FS	
		186 Sebring	

FEDERAL CROP INSURANCE COVERAGE

Section B, Item 34

- 1 **Federal CAT** (*Basic Catastrophic Insurance*) bought for a flat fee and protects against crop loss greater than 50% of average yield, at 55% of the price.
- 2 **Yield protection**
- 3 **Yield plus SCO**(supplemental coverage option)
- 4 **Revenue protection**
- 5 **Revenue plus SCO** (supplemental coverage option)
- 6 **Other Federal Crop Insurance** (*Group Risk Plan, Adjusted Gross Revenue, Group Risk Income Protection, etc.*).

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 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 3

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, sulfur 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	---	---

CHEMICALS and PESTICIDES for Wheat

F = Fungicide; **H** = Herbicide; **I** = Insecticide; **M** = Misc. Other; **MD** = Defoliant/Desiccant; **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** = Microencapsulated,
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

Form	Class	Code	Product Name	EPA #	Form	Class	Code	Product Name	EPA #
L	H	40480	2,4-D AMINE - 4	62575-1	L	H	41031	BROMOX/MCPA 2 - 2 HERBICIDE	71368-28
L	H	40752	2,4-D AMINE 6	42750-21	L	H	40926	BRONATE ADVANCED HERBICIDE	264-690
L	H	40834	2,4-D AMINE WEED KILLER	1386-43	L	H	40325	BROX-M HERBICIDE	42750-52
L	H	40378	2,4-D LV ESTER 4	5905-90	L	H	40951	BUCCANEER GLYPHOSATE HERBICIDE	55467-10
L	H	40657	2,4-D LV4	1381-102	L	F	70490	BUMPER 41.8 EC (PROPICONAZOLE) FUNGICIDE	66222-42
L	H	40580	2,4-D LV6	1381-101	L	F	70628	CARAMBA FUNGICIDE	7969-246
L	F	70709	ABOUT FLOWABLE FUNGICIDE	100-1098	L	H	40570	CLARITY HERBICIDE	7969-137
L	H	40961	ALBAUGH DICAMBA DMA SALT	42750-40	L	H	40946	CLEAROUT 41 PLUS	42750-176
L	H	41207	ARY-0454-105 SC HERBICIDE	66330-391	L	H	40916	CORNBELT SALVAN	11773-16
D	H	40079	AUDIT 75 WDG HERBICIDE	66330-384	D	H	40494	CUSTOM-PAK AMBER HERBICIDE	100-768
L	H	40525	AXIAL HERBICIDE	100-1199	L	H	40965	DAGGER SELECTIVE HERBICIDE	228-267
L	H	40531	AXIAL XL	100-1256	L	H	40962	DICAMBA DMA 4# AG	66330-276
D	H	40738	AXIOM DF HERBICIDE	264-766	L	H	41006	DISCOVER NG HERBICIDE	100-1173
L	H	41028	BANVEL + 2,4-D	66330-287	D	H	40275	DUPONT AFFINITY BROADSPEC HERBICIDE (WITH TOTALSOL SOLUBLE GRANULES)	352-661
L	H	40632	BARRAGE HF	5905-529	D	H	41054	DUPONT AFFINITY TANKMIX HERBICIDE (WITH TOTALSOL SOLUBLE GRANULES)	352-641
L	I	11046	BAYTHROID XL	264-840	D	H	40929	DUPONT ALLY EXTRA HERBICIDE	352-610
L	H	41201	BEYOND	241-441	D	H	40233	DUPONT ALLY EXTRA SG HERBICIDE (WITH TOTALSOL SOLUBLE GRANULES)	352-715
L	H	40012	BISON	9779-347	D	H	40235	DUPONT ALLY XP HERBICIDE	352-435
L	H	41027	BRASH	1381-202	D	H	40217	DUPONT FINESSE GRASS & BROADLEAF HERBICIDE	352-718
L	H	40480	2,4-D AMINE - 4	62575-1	L	H	41031	BROMOX/MCPA 2 - 2 HERBICIDE	71368-28
L	H	40752	2,4-D AMINE 6	42750-21	L	H	40926	BRONATE ADVANCED HERBICIDE	264-690
L	H	40834	2,4-D AMINE WEED KILLER	1386-43	L	H	40325	BROX-M HERBICIDE	42750-52
L	H	40378	2,4-D LV ESTER 4	5905-90	L	H	40951	BUCCANEER GLYPHOSATE HERBICIDE	55467-10
L	H	40657	2,4-D LV4	1381-102	L	F	70490	BUMPER 41.8 EC (PROPICONAZOLE) FUNGICIDE	66222-42
L	H	40580	2,4-D LV6	1381-101	L	F	70628	CARAMBA FUNGICIDE	7969-246
L	F	70709	ABOUT FLOWABLE FUNGICIDE	100-1098	L	H	40570	CLARITY HERBICIDE	7969-137
L	H	40961	ALBAUGH DICAMBA DMA SALT	42750-40	L	H	40946	CLEAROUT 41 PLUS	42750-176
L	H	41207	ARY-0454-105 SC HERBICIDE	66330-391	L	H	40916	CORNBELT SALVAN	11773-16
D	H	40079	AUDIT 75 WDG HERBICIDE	66330-384	D	H	40494	CUSTOM-PAK AMBER HERBICIDE	100-768

CHEMICALS and PESTICIDES for Wheat

F = Fungicide; **H** = Herbicide; **I** = Insecticide; **M** = Misc. Other; **MD** = Defoliant/Desiccant; **MG** = Growth Regulator
AS = Aqueous Suspension, **D** = Dust, **DF** = Dry flowable, **DG** = Water-Dispersible Granules, **E** or **EC** = Emulsifiable Concentrate,
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WDG or **WG** = Water-Dispersible Granules, **WSP** = Water-soluble packet

Form	Class	Code	Product Name	EPA #	Form	Class	Code	Product Name	EPA #
D	H	40250	DUPONT HARMONY EXTRA SG HERBICIDE (WITH TOTALSOL SOLUBLE GRANULES)	352-714	D	H	41018	OSPREY HERBICIDE	264-802
D	H	40248	DUPONT HARMONY EXTRA XP HERBICIDE	352-611	L	H	41008	OUTLAW	42750-68
D	H	40246	DUPONT HARMONY GT XP HERBICIDE	352-446	D	H	40071	POWERFLEX	62719-569
D	H	40251	DUPONT HARMONY SG HERBICIDE (WITH TOTALSOL SOLUBLE GRANULES)	352-633	L	F	70485	PROPICONAZOLE EC	62719-346
D	H	40925	EVEREST 70% WATER DISPERSIBLE GRANULAR HERBICIDE	66330-49	L	F	70609	PROSARO 421 SC FUNGICIDE	264-862
D	H	40310	EXPRESS HERBICIDE	352-509	L	H	40892	PUMA 1EC HERBICIDE	264-666
L	F	70259	FOLICUR 3.6 F FOLIAR FUNGICIDE	264-752	L	H	40059	PUMA ULTRA HERBICIDE	264-1073
L	H	41136	GF-1280	62719-556	L	F	70525	QUILT FUNGICIDE	100-1178
L	H	40675	GLYFOS X-TRA	4787-23	L	H	40886	RANGE STAR	42750-55
L	H	41053	GLYPHOSATE 41% PLUS	42750-61	D	H	40827	RAVE HERBICIDE	100-927
L	H	40074	GOLDSKY HERBICIDE	62719-582	D	H	40523	RIMFIRE HERBICIDE	264-847
D	H	40572	HARMONY EXTRA HERBICIDE	352-538	L	H	40936	RIVERDALE 2,4-D LV6	228-95
L	F	70549	HEADLINE FUNGICIDE	7969-186	L	H	41007	ROUNDUP ORIGINAL 2K HERBICIDE	524-539
L	H	40065	HUSKIE HERBICIDE	264-1023	L	H	40509	ROUNDUP POWER MAX HERBICIDE	524-549
L	I	10739	KARATE INSECTICIDE WITH ZEON TECHNOLOGY	100-1097	L	H	41159	ROUNDUP ULTRA HERBICIDE	524-475
L	I	11294	LAMBDA 13% INSECTICIDE	71532-20	L	H	40842	ROUNDUP ULTRAMAX	524-512
L	I	10983	LORSBAN-4E	62719-220	L	H	40519	ROUNDUP VM HERBICIDE	524-544
L	H	40896	LV 400 2,4-D WEED KILLER	2217-77	L	H	40372	SALVO	34704-609
L	H	41024	MAESTRO D HERBICIDE	71368-39	D	H	40209	SENCOR DF 75% DRY FLOWABLE HERBICIDE	264-738
D	H	40866	MAVERICK HERBICIDE	524-500	L	I	10158	SILENCER	66222-104
L	H	40055	MCP ESTER HERBICIDE	62719-573	L	H	40060	STARANE ULTRA HERBICIDE	62719-577
L	H	41042	MON 78270 HERBICIDE	524-537	L	H	40875	STERLING	1381-190
L	F	70766	MULTIVA FUNGICIDE	7969-247	L	F	70473	STRATEGO FUNGICIDE	264-779
D	H	40501	OLYMPUS 70% WATER DISPERSIBLE	264-809	D	H	41210	SUPREMACY HERBICIDE	66330-406
D	H	40304	OLYMPUS FLEX HERBICIDE	264-833	L	F	70072	TILT FUNGICIDE	100-617
L	H	40066	ORION HERBICIDE	100-1307					

Class Definitions:

F = Fungicide; **H** = Herbicide; **I** = Insecticide; **M** = Misc. Other; **MD** = Defoliant/Dessicant; **MG** = Growth Regulator;
MS = Soil Fumigant

Common Material Form Terms and Corresponding D/L Classification:

Dry: **D** = Dust, **DF** = Dry Flowable, **DG** = Water-Dispersible Granules, **G** or **GR** = Granular, **M** or **ME** = Microencapsulated,
P = Pellets, **SP** = Soluble Powder, **W** or **WP** = Wettable Powder, **WDG** or **WG** = Water-Dispersible Granules,
WSP = Water-Soluble Packet

Liquid: **AS** = Aqueous Suspension, **E** or **EC** = Emulsifiable Concentrate, **ES** = Emulsifiable Solution, **F** or **L** = Flowable,
L = Liquid, **LV** = Low Volatility, **S** = Solution, **SC** = Soluble Concentrate, **SL** = Slurry

Form	Class	Code	Product Name	EPA #
L	H	40918	TOUCHDOWN HERBICIDE	100-1117
L	H	41221	VIDA HERBICIDE	10163-314
L	I	11167	WARRIOR II WITH ZEON TECHNOLOGY	100-1295
L	H	41013	WIDEMATCH HERBICIDE	62719-512
L	H	41035	WILDCARD XTRA	5905-550
L	H	40070	WOLVERINE HERBICIDE	264-1075

Conversion Factors for Liquid and Dry Products	
Liquid Products	Dry Products
1 Gallon = 4 Quarts	1 Pound = 16 Dry Ounces
1 Quart = 2 Pints	1 Ounce = 28.3 Grams
1 Pint = 16 Fluid Ounces	1 Pound = 453 Grams
2 Cups = 1 Pint	

MACHINERY and IMPLEMENT CODES

Section F, Item 1, Columns 3 & 4

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, 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

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

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

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

CULTIVATORS

Field Cultivators

- 21 Regular Digger,
Triple K, Danish Tined,
Swedish Tined,
Incorporated, S-tine,
Cultivator,
Vibra-shank Harrow,
Lilliston Tiller
 - 26 Heavy Duty
(Duckfoot Cultivator)
 - 27 Marker
 - 28 Fallow Master
 - 22 Furrow-out Cultivator
 - 23 Rotary Hoe
(Crust Buster)
- Row Cultivators**
- 24 Disk Sweep, Shovel
 - 25 Rolling, Rotary

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
- 184 Polypipe roller
- 197 Rock Picker

ENUMERATOR NOTE:

*For Land Forming Equipment codes
171 – 184, 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
- 210 Grain Cart with Auger (Self-
Propelled)
- 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
- 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

IRRIGATION TYPE CODES

Section G, Item 2

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

Notes: