



## Agricultural Resource Management Survey – Phase 3

### Respondent Booklet

2020



National  
Agricultural  
Statistics  
Service



Dear Producer:

When it comes to policies that affect you, your family, your farm, and your community, accurate data are extremely important. To ensure that federal, state, local and industry decision-makers have accurate and objective information, we are surveying farmers across the United States in the annual Agricultural Resource Management Survey (ARMS) to measure the financial state and production practices of U.S. farms and farm households. The results of this survey help evaluate financial impacts of numerous programs, including crop insurance, dairy margin protection, and local payments.

Please take the time to respond to this important survey. Once all responses are in, NASS will analyze them and will publish the results in the *Production Expenditures* report on July 30, 2021. The USDA's Economic Research Service (ERS) will use these results to prepare and disseminate the Department's annual estimates of farm sector income and finances. ERS also uses aggregated off-farm information to better understand and report on farm households and the broader farm economy.

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 **completely confidential**, as required by federal law.

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

Sincerely,

Joseph L. Parsons  
Chair, Agricultural Statistics Board  
National Agricultural Statistics Service  
U.S. Department of Agriculture



## LIVESTOCK CODES

### Sections D and E

<b>CATTLE</b>	
Cattle for Breeding Stock (beef & dairy)	<b>833</b>
Dairy herd replacements	<b>905</b>
Feeder Calves (cattle sold for finishing)	<b>933</b>
Finished Cattle (sold directly to slaughter)	<b>818</b>
Other Cattle	<b>817</b>
Milk and Non-Processed Dairy Products	<b>909</b>
Organic Milk	<b>959</b>
Processed Dairy Products	<b>968</b>
Veal	<b>914</b>

<b>HOGS</b>	
Farrow to Feeder	<b>805</b>
Farrow to Finish	<b>807</b>
Farrow to Wean	<b>802</b>
Finisher	<b>809</b>
Nursery	<b>806</b>
Nursery/Feeder	<b>812</b>
Nursery/Finish	<b>808</b>
Other Hogs & Pigs	<b>804</b>

<b>SHEEP</b>	
Lambs	<b>934</b>
Other Sheep	<b>912</b>
Wool	<b>915</b>

<b>GOATS</b>	
Goats	<b>906</b>
Goat milk	<b>801</b>
Mohair	<b>942</b>

<b>AQUACULTURE</b>	
Aquaculture, all other	<b>901</b>
Baitfish (including crawfish for bait)	<b>945</b>
Catfish	<b>903</b>
Crustaceans (crawfish for food, shrimp, etc.)	<b>946</b>
Fish, other	<b>832</b>
Food fish, all other	<b>944</b>
Mollusks (clams, oysters, etc.)	<b>947</b>
Ornamental fish	<b>948</b>
Sport or game fish	<b>949</b>
Trout	<b>913</b>

<b>EQUINE</b>	
Horses and ponies	<b>928</b>
Mules, burros, and donkeys	<b>815</b>

<b>POULTRY</b>	
Bantams	<b>960</b>
Broilers	<b>916</b>
Broilers, chicks, hatchery run	<b>935</b>
Capons	<b>932</b>
Chicken pullets, hatching flock	<b>926</b>
Chicken pullets, laying flock	<b>925</b>
Chickens, other meat type	<b>924</b>
Chukars	<b>961</b>
Cornish Hens	<b>918</b>
Ducks	<b>917</b>
Eggs, chicken hatchery	<b>921</b>
Eggs, table market	<b>920</b>
Eggs, turkey hatchery	<b>919</b>
Emus	<b>843</b>
Game birds	<b>922</b>
Geese	<b>923</b>
Guineas	<b>962</b>
Hungarian partridge	<b>963</b>
Ostriches	<b>930</b>
Peacocks	<b>964</b>
Pheasants	<b>810</b>
Pigeons	<b>803</b>
Poultry, other	<b>822</b>
Quails	<b>811</b>
Rheas	<b>965</b>
Roosters, breeding flock	<b>940</b>
Roosters, meat type	<b>939</b>
Turkeys, other	<b>927</b>
Turkey poults, breeding flock	<b>938</b>
Turkey poults, brooders	<b>967</b>
Turkey poults, meat type – all in / all out	<b>970</b>
Turkey poults, meat type – growout	<b>969</b>

<b>OTHER</b>	
Alpaca	<b>956</b>
Bees	<b>902</b>
Buffalo or Bison	<b>941</b>
Deer	<b>951</b>
Elk	<b>952</b>
Honey	<b>908</b>
Livestock, other fur bearing	<b>954</b>
Livestock, other non-fur bearing	<b>824</b>
Llama	<b>953</b>
Mink, including pelts	<b>910</b>
Rabbits	<b>911</b>
Semen	<b>929</b>

## CROP CODES

### Section E

Alfalfa seed	35
Almonds	46
Apples, fresh	5053
Apples, processed	6053
Apricots, fresh	5054
Apricots, processed	6054
Aquatic Plants	315
Artichokes	101
Asparagus	102
Asparagus, bearing age	637
Asparagus, nonbearing age	638
Avocados, fresh	5055
Avocados, processed	6055
Bahia grass seed	227
Bananas, fresh	5083
Bananas, processed	6083
Barley for grain or seed	290
Beans, dry edible	3
Bedding/garden plants	241
Beets	103
Bentgrass seed	228
Bermuda grass seed	229
Berries, all other, fresh	5267
Berries, all other, processed	6267
Birdsfoot trefoil seed	224
Blackberries, fresh	5056
Blackberries, processed	6056
Blueberries, tame, fresh	5279
Blueberries, tame, processed	6279
Blueberries, wild, fresh	5280
Blueberries, wild, processed	6280
Boysenberries, fresh	5182
Boysenberries, processed	6182
Broccoli	104
Bromegrass seed	215
Brussel sprouts	105
Buckwheat	84
Bulbs/corms/rhizomes/tubers-dry	248
Cabbage, fresh	2106
Cabbage, processed for kraut	4106
Camelina	657
Canola	85
Cantaloupe	4

Carrots, fresh	2107
Carrots, processed	4107
Cauliflower	108
Celery	109
Cherries, sweet, fresh	5155
Cherries, sweet, processed	6155
Cherries, tart, fresh	5156
Cherries, tart, processed	6156
Chestnuts	59
Chickory	261
Chinese cabbage	249
Chinese peas, sugar, snow	234
Christmas trees	183
Chufas	222
Cilantro	153
Citrus, other, fresh	5269
Citrus, other, processed	6269
Clover	310
Clover seed, crimson	214
Clover seed, ladino	202
Clover seed, red	43
Clover seed, white	203
Coffee	88
Collards	185
Corn, for ethanol	627
Corn, grain	6
Corn, seed	38
Corn, silage	5
Cotton, pima	282
Cotton, upland	281
Crambe	176
Cranberries, fresh	5060
Cranberries, processed	6060
Cucumbers, fresh	2111
Cucumbers for pickles, processed	4111
Currants, fresh	5273
Currants, processed	6273
Cuttings, Seedlings, Liners, Plugs	1002
Daikon	258
Dates, fresh	5061
Dates, processed	6061
Diachondra	177
Dill	179

## CROP CODES -- continued

### Section E

Eggplant	112	Herbs, dried	211
Emmer and spelt	161	Herbs, fresh	212
Endive	259	Hops	12
Escarole	260	Horseradish	151
		Horticultural specialties	247
Fava beans	154	Horticultural, other	230
Fescue seed	44		
Field crop, other	317	Indian corn	188
Figs, fresh	5062		
Figs, processed	6062	Jojoba	626
Flaxseed	9		
Floriculture & Bedding, other	1015	Kale	186
Flower seeds	36	Kenaf	181
Flowers, cut and cut florist greens	262	Kentucky Bluegrass Seed	628
Foliage plants	256	Kiwifruit, fresh	5064
Forage and greenchop	10	Kiwifruit, processed	6064
Foxtail millet seed	204	Kumquats, fresh	5263
Fruits & Berries grown under glass	1008	Kumquats, processed	6263
Garlic	114	Lemons, fresh	5076
Ginger root	89	Lemons, processed	6076
Ginseng	198	Lentils	169
Ginseng, bearing age	639	Lespedeza seed	41
Ginseng, nonbearing age	640	Lettuce, head	117
Grapefruit, fresh	5075	Lettuce, leaf	629
Grapefruit, processed	6075	Lettuce, other	149
Grapes, other	275	Lettuce, romaine	146
Grapes, wine	6275	Lima beans, dry	268
Grass seed, other	138	Lima beans, fresh	2115
Grass silage	226	Lima beans, processed	4115
Grasses, other than clover & sudan	311	Limes, fresh	5077
Green peas, English	239	Limes, processed	6077
Green peas, fresh	2122	Loganberries, fresh	5271
Green peas, processed	4122	Loganberries, processed	6271
Greenhouse produced vegetables	250	Lotus root	210
Greens	116		
Guar	160	Macadamia nuts	48
Guava, fresh	5090	Mandarins, fresh	5078
Guava, processed	6090	Mandarins, processed	6078
		Mangoes, fresh	5065
Hay, alfalfa and alfalfa mixtures	1	Mangoes, processed	6065
Hay, other	11	Maple trees for syrup	91
Hay, small grain	217	Meadow foam	139
Hay, wild	225	Melons, honeydew	13
Hazelnuts	47	Melons, miscellaneous	14

**CROP CODES -- continued****Section E**

Millet for grain or seed	141	Pears, Bartlett, fresh	5069
Mint, all other	159	Pears, Bartlett, processed	6069
Mint, tea leaves	651	Pears, other than Bartlett, fresh	5314
Miscanthus	652	Pears, other than Bartlett, processed	6314
Mungbeans	197	Peas, all other	123
Mushrooms	93	Peas, Austrian winter	200
Mushrooms Spawn	2495	Peas, blackeyed	124
Mustard cabbage	253	Peas, dry, Southern cow peas	125
Mustard greens	187	Peas, dry edibles	17
Mustard seed	94	Pecans	49
		Pecans, improved	633
Nectarines, fresh	5066	Pecans, native and seedling	634
Nectarines, processed	6066	Peppermint	18
Noncitrus fruits, other, fresh	5277	Peppers, bell	126
Noncitrus fruits, other, processed	6277	Peppers, hot	244
Nursery crops	254	Peppers, other	127
Nuts, other	207	Persimmons, fresh	5070
		Persimmons, processed	6070
Oats for grain or seed	15	Pimientos	245
Okra	118	Pineapples, fresh	5097
Olives, fresh	5067	Pineapples, processed	6097
Olives, processed	6067	Pistachios	50
Onion seed	656	Plums, fresh	5071
Onions, dehydrated	135	Plums, processed	6071
Onions, dry	120	Pluots, fresh	5630
Onions, green	119	Pluots, processed	6630
Oranges, Valencia, fresh	5157	Pomegranates, fresh	5072
Oranges, Valencia, processed	6157	Pomegranates, processed	6072
Oranges, other than Valencia, fresh	5158	Popcorn	19
Oranges, other than Valencia, processed	6158	Potatoes	20
Orchard grass seed	42	Potted flowering plants	252
		Prunes, fresh	5073
Papayas, fresh	5096	Prunes, processed	6073
Papayas, processed	6096	Pumpkins	128
Parsley	121		
Passion fruit, fresh	5233	Radishes	129
Passion fruit, processed	6233	Rapeseed	170
Pasture	648	Rapini	130
Peaches, all other, fresh	5068	Raspberries, all other, fresh	5140
Peaches, all other, processed	6068	Raspberries, all other, processed	6140
Peaches, Clingstone, fresh	5643	Raspberries, black, fresh	5641
Peaches, Clingstone, processed	6643	Raspberries, black, processed	6641
Peaches, Freestone, fresh	5644	Raspberries, red, fresh	5642
Peaches, Freestone, processed	6644	Raspberries, red, processed	6642
Peanuts	16	Redtop seed	205

**CROP CODES – continued****Section E**

Rhubarb	143	Tangelos, fresh	5080
Rice	21	Tangelos, processed	6080
Rice, sweet	319	Tangerines, fresh	5081
Rice, wild	178	Tangerines, processed	6081
Rutabagas	147	Tangerines, honey, fresh	5272
Rye for grain or seed	22	Tangerines, honey, processed	6272
Ryegrass seed	136	Tangors, fresh	10272
		Tangors, processed	11272
Safflower	98	Taro	649
Sage	168	Teff	199
Sesame	152	Temples, fresh	5079
Shallots	144	Temples, processed	6079
Silage & haylage (except corn & sorghum)	23	Timothy seed	45
Short Rotation Woody crops	318	Tobacco, transplants from beds	175
Snap beans, fresh	2131	Tobacco, all types	190
Snap beans, processed	4131	Tobacco, burley	193
Sod/turfgrass	166	Tobacco, flue-cured	196
Sorghum for grain or seed	25	Tobacco, other than burley or flue-cured	32
Sorghum, syrup	174	Tomatoes grown under glass	1019
Sorghum, silage	24	Tomatoes, fresh	2134
Sorghum-sudan crosses	180	Tomatoes, processed	4134
Soybeans	26	Triticale	162
Spearmint	27	Truffle Saplings	659
Spinach, fresh	2132	Truffles	658
Spinach, processed	4132	Tung nuts	51
Squash, summer	133	Turnip greens	189
Squash, winter	150	Turnips	145
Strawberries, fresh	2074		
Strawberries, processed	4074	Vegetables, other	236
Sudan	167	Vegetables, seed	37
Sudangrass seed	206	Vegetables, transplants to farm	1006
Sugarbeets for seed	137	Vetch seed, hairy	39
Sugarbeets for sugar	28		
Sugarcane for seed	209	Walnuts, English	631
Sugarcane for sugar	29	Walnuts (all others)	632
Sunflower seed, non-oil varieties	148	Watercress	238
Sunflower seed, oil varieties	30	Watermelons	33
Sweet corn for seed	246	Wheatgrass seed	201
Sweet corn, fresh	2110	Wheat, durum for grain or seed	163
Sweet corn, processed	4110	Wheat, other spring for grain or seed	164
Sweet potatoes	31	Wheat, winter for grain or seed	165
Sweetclover seed	208		
Switchgrass	653		

## GENERAL BUSINESS EXPENSES

### Section H, Item 33

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>◆ Legal, and license fees (<i>other than automobile</i>)</li> <li>◆ Advertising</li> <li>◆ Magazines, membership &amp; registration fees</li> <li>◆ Office equipment not on a depreciation schedule</li> <li>◆ Office supplies</li> </ul> | <ul style="list-style-type: none"> <li>◆ Petty cash fund expenditures</li> <li>◆ Soil testing</li> <li>◆ Travel (<i>farm/ranch business trips</i>)</li> <li>◆ Pest scouting</li> <li>◆ Other, Specify</li> </ul> |
|--|--|

## VALUE CODES

### Section M

DOLLAR RANGE	VALUE CODE	DOLLAR RANGE	VALUE CODE
\$0 .....	01	\$60,000 - 79,999 .....	18
\$1 – 499 .....	02	\$80,000 - 99,999 .....	19
\$500 – 999 .....	03	\$100,000 - 124,999 .....	20
\$1,000 - 1,999 .....	04	\$125,000 - 149,999 .....	21
\$2,000 - 2,999 .....	05	\$150,000 - 199,999 .....	22
\$3,000 - 3,999 .....	06	\$200,000 - 274,999 .....	23
\$4,000 - 4,999 .....	07	\$275,000 - 349,999 .....	24
\$5,000 - 7,499 .....	08	\$350,000 - 499,999 .....	25
\$7,500 - 9,999 .....	09	\$500,000 - 749,999 .....	26
\$10,000 - 14,999 .....	10	\$750,000 - 999,999 .....	27
\$15,000 - 19,999 .....	11	\$1,000,000 - 1,499,999 .....	28
\$20,000 - 24,999 .....	12	\$1,500,000 - 1,999,999 .....	29
\$25,000 - 29,999 .....	13	\$2,000,000 - 2,999,999 .....	30
\$30,000 - 34,999 .....	14	\$3,000,000 - 4,999,999 .....	31
\$35,000 - 39,999 .....	15	\$5,000,000 - 7,499,999 .....	32
\$40,000 - 49,999 .....	16	\$7,500,000 - 9,999,999 .....	33
\$50,000 - 59,999 .....	17	\$10,000,000 and over .....	34

## GRAIN CONVERSION TABLE

One ton and equivalent (dry) bushels by crop

Crop	Ton	Bushels
Corn, Sorghum (milo), Flaxseed	1	36
Wheat, Soybeans	1	33
Barley, Buckwheat	1	42
Oats	1	63
Rice	1	44
Millet	1	42





## PURCHASED FEED TYPE CODES

### Section S, Item 2 - Column 1

- |   |   |
|---|---|
| 1 Complete <i>Commercial</i> Feed and Complete <i>Custom</i> Feed Mixes | 19 Straw  |
| 2 High Moisture Corn (> 20%)  | 20 Corn Silage  |
| 3 Low Moisture Corn   | 21 Sorghum/Milo Silage  |
| 4 Barley  | 22 Other Silage or Haylage                                    |
| 5 High Moisture Sorghum/Milo (>20%)                                     | 23 Alfalfa Cubes or Pellets                                   |
| 6 Low Moisture Sorghum/Milo   | 24 Green Chop, All Crops                                      |
| 7 Wheat   | 25 Corn Stalks  |
| 9 Oats  | 26 Milk or Milk By-Product                                    |
| 10 Other Feed Grains  | 27 Liquid Whey  |
| 11 Distillers/Brewers Grain   | 28 Other Feed Additives                                       |
| 12 Other Non Protein By-Products  | 29 Antibiotics or Other Medicated Additives                   |
| 13 Cotton Seed Meal   | 30 Salt And Minerals  |
| 14 Protein Supplements  | 31 Molasses   |
| 15 Protein By-Products  | 32 Soybean Meal   |
| 16 Vitamin or Mineral Supplements (include kelp)                        | 33 Soybean Meal with Commercial Premix, Mintrate              |
| 17 Alfalfa Hay (include alfalfa hay mixtures)                           | 34 Milk Replacer Or Calf Starter                              |
| 18 Other Hay (include wild hay)   | 35 Other Complete Protein Mixes, Lysine, Meals or Supplements |

## HOG FEED FACILITY TYPE CODES

### Section S, Item 2 - Column 5 and Item 3 - Column 4

- |                                     |
|-------------------------------------|
| 21 Airtight Upright Silo            |
| 22 Other Upright Silo               |
| 23 Bin/Tank for High Moisture Grain |
| 24 Bin for Grain                    |
| 25 Metal Feed Tank                  |
| 26 Other Bin/Tank                   |
| 27 Corn Crib                        |
| 28 Open Building/ Shed              |
| 29 Closed Building/Shed             |
| 30 Trench or Bunker Silo            |
| 31 Slab                             |
| 32 Hay Tarp                         |
| 33 Plastic Bagging/Wrapping         |
| 34 No Facility Used                 |
| 40 Other _____                      |

## HOMEGROWN FEED TYPE CODES

### Section Q, Item 3 - Column 1

- |   |
|---|
| 2 High Moisture Corn (> 20%)                  |
| 3 Low Moisture Corn                           |
| 4 Barley                                      |
| 5 High Moisture Sorghum/Milo (>20%)           |
| 6 Low Moisture Sorghum/Milo                   |
| 7 Wheat                                       |
| 8 Soybeans                                    |
| 9 Oats  |
| 10 Other Feed Grains                          |
| 17 Alfalfa Hay (include alfalfa hay mixtures) |
| 18 Other Hay (include wild hay)               |
| 19 Straw                                      |
| 20 Corn Silage                                |
| 21 Sorghum/Milo Silage                        |
| 22 Other Silage or Haylage                    |
| 24 Green Chop, All Crops                      |

## HOG FACILITY/BUILDING TYPE CODES

### Section V, Item 1 - Column 2

- 1 Enclosed Confinement (*no outside access*)
- 2 Open-sided Confinement (*no outside access*)
- 3 Open Confinement (*with outside access*)
- 4 Quonset or Hoop
- 5 Lean-To
- 6 Sun-Shade
- 7 Portable

## FRAME TYPE CODES

### Section V, Item 1 - Column 4

- 10 Wood
- 11 Masonary
- 12 Steel
- 13 Pole
- 14 Pre-Fabricated Material
- 15 Other

## FLOOR TYPE CODES

### Section V, Item 1 - Column 5

- 20 Partly Slotted
- 21 Fully Slotted
- 22 Solid Concrete
- 23 Wire
- 24 Wood
- 25 Dirt
- 26 Other

## MANURE HANDLING CODES

### Section V, Item 1 - Column 6

- 30 Shallow Pit (*less than 2 feet*)
- 31 Deep Pit (*2 feet or more*)
- 32 Flush Gutter - Open
- 33 Flush Gutter - Closed
- 34 Scrape Gutter - Open
- 35 Scrape Gutter - Closed
- 36 None

## FEED HANDLING EQUIPMENT CODES

### Section X, Item 1

- 1 Portable Grinder Mixer
- 2 Stationary Grinder Mixer
- 3 Feed Grinder
- 4 Feed Mixer
- 5 Pre-Mixer
- 6 Roller Mill
- 7 Hammer Mill
- 8 Total Mixed Ration Equipment
- 9 Self-Unloading Wagon
- 10 Feed Conveying System (*chain, auger, etc.*)
- 11 Liquid Feeding System
- 12 Farm Utility Wagon
- 13 Upright Silo Unloader
- 15 Bale Shredder
- 16 Large Bale Transporter
- 17 Large Bale Feeder
- 18 Mineral Feeder
- 19 Feed Bunks
- 20 Mixer Wagon
- 21 Plastic Baggers
- 22 Hay Wagon
- 23 Telehandler
- 24 Silo Facer
- 25 Forklift
- 30 Other

## MANURE HANDLING EQUIPMENT CODES

### Section X, Item 1

- 31 Front End Loader
- 32 Skid Loader or Self-Propelled Loader
- 33 Manure Spreader (*Solid*)
- 34 Liquid Manure Agitator
- 35 Liquid Manure Pump
- 36 Manure Spreader (*liquid with injectors*)
- 37 Manure Spreader (*liquid without injectors*)
- 38 Manure Spreader (*irrigation system*)
- 39 Manure Liquid/Solid Separator
- 40 Air or Water Circulator
- 41 Anaerobic Digester (*for methane production/collection*)
- 42 Scraper Blade
- 43 Flush System (*tank*)
- 44 Flush System (*high volume pump*)
- 50 Other

## OTHER MACHINES and EQUIPMENT CODES

### Section X, Item 1

- 51 Livestock Scales
- 52 Portable Loading Ramp
- 53 Livestock Sprayer
- 54 Stock Trailer
- 55 Stock Trailer-Hydraulic
- 56 Generator
- 57 Incinerator
- 58 Electric Fence Charger
- 59 Squeeze Chute
- 60 Branding Table
- 61 Water Tank for Hauling Water
- 62 Sun Shade
- 63 Backhoe
- 64 Bulldozer
- 65 Alarm Systems
- 66 Pressure Washing Equipment
- 67 Holding Crate
- 70 Other

