USDA

Agricultural Resource Management Survey – Phase 3

Respondent Booklet

2021

National Agricultural Statistics Service

ERS
ECONOMIC RESEARCH 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 29, 2022. 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

CATTLE

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

HOGS

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

SHEEP

Lambs	**934**
Other Sheep	**912**
Wool	**915**

GOATS

Goats	**906**
Goat milk	**801**
Mohair	**942**

AQUACULTURE

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

EQUINE

Horses and ponies	**928**
Mules, burros, and donkeys	**815**

POULTRY

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

OTHER

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

CROP CODES
Section E

Alfalfa seed	35		Carrots, fresh	2107
Almonds	46		Carrots, processed	4107
Apples, fresh	5053		Cauliflower	108
Apples, processed	6053		Celery	109
Apricots, fresh	5054		Cherries, sweet, fresh	5155
Apricots, processed	6054		Cherries, sweet, processed	6155
Aquatic Plants	315		Cherries, tart, fresh	5156
Artichokes	101		Cherries, tart, processed	6156
Asparagus	102		Chestnuts	59
Asparagus, bearing age	637		Chickory	261
Avacados, fresh	5055		Chinese cabbage	249
Avocados, processed	6055		Chinese peas, sugar, snow	234
			Christmas trees	183
			Chufas	222
Bahia grass seed	227		Cilantro	153
Bananas, fresh	5083		Citrus, other, fresh	5269
Bananas, processed	6083		Citrus, other, processed	6269
Barley for grain or seed	290		Clover	310
Beans, dry edible	3		Clover seed, crimson	214
Bedding/garden plants	241		Clover seed, ladino	202
Beets	103		Clover seed, red	43
Bentgrass seed	228		Clover seed, white	203
Bermuda grass seed	229		Coffee	88
Berries, all other, fresh	5267		Collards	185
Berries, all other, processed	6267		Corn, for ethanol	627
Birdsfoot trefoil seed	224		Corn, grain	6
Blackberries, fresh	5056		Corn, seed	38
Blackberries, processed	6056		Corn, silage	5
Blueberries, tame, fresh	5279		Cotton, pima	282
Blueberries, tame, processed	6279		Cotton, upland	281
Blueberries, wild, fresh	5280		Crambe	176
Blueberries, wild, processed	6280		Cranberries, fresh	5060
Boysenberries, fresh	5182		Cranberries, processed	6060
Boysenberries, processed	6182		Cucumbers, fresh	2111
Broccoli	104		Cucumbers for pickles, processed	4111
Bromegrass seed	215		Currants, fresh	5273
Brussel sprouts	105		Currants, processed	6273
Buckwheat	84		Cuttings, Seedlings, Liners, Plugs	1002
Bulbs/corms/rhizomes/tubers-dry	248			
			Daikon	258
Cabbage, fresh	2106		Dates, fresh	5061
Cabbage, processed for kraut	4106		Dates, processed	6061
Camelina	657		Diachondra	177
Canola	85		Dill	179
Cantaloupe	4			

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
Grapefruit, fresh	5075	Lettuce, head	117
Grapefruit, processed	6075	Lettuce, leaf	629
Grapes, other	275	Lettuce, other	149
Grapes, wine	6275	Lettuce, romaine	146
Grass seed, other	138	Lima beans, dry	268
Grass silage	226	Lima beans, fresh	2115
Grasses, other than clover & sudangrass	311	Lima beans, processed	4115
Green peas, English	239	Limes, fresh	5077
Green peas, fresh	2122	Limes, processed	6077
Green peas, processed	4122	Loganberries, fresh	5271
Greenhouse produced vegetables	250	Loganberries, processed	6271
Greens	116	Lotus root	210
Guar	160		
Guava, fresh	5090	Macadamia nuts	48
Guava, processed	6090	Mandarins, fresh	5078
		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
		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-sudangrass 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
Sudangrass	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, Item33

- ♦ Legal, and license fees (*other than automobile*)
- ♦ Advertising
- ♦ Magazines, membership & registration fees
- ♦ Office equipment not on a depreciation schedule
- ♦ Office supplies
- ♦ Petty cash fund expenditures
- ♦ Soil testing
- ♦ Travel (*farm/ranch business trips*)
- ♦ Pest scouting
- ♦ Other, Specify

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

DAIRY FEED TYPE CODES
Section S Items 1 and 2, Column 1

1 Complete *Commercial* Feed and
   Complete *Custom* Feed Mixes

2 High Moisture Corn (> 20%)

3 Low Moisture Corn

4 Barley

5 High Moisture Sorghum/Milo (>20%)

6 Low Moisture Sorghum/Milo

7 Wheat

9 Oats

10 Other Feed Grains

11 Distillers/Brewers Grain

12 Other Non Protein By-Products

13 Cotton Seed Meal

14 Protein Supplements

15 Protein By-Products

16 Vitamin or Mineral Supplements (include kelp)

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

23 Alfalfa Cubes or Pellets

24 Green Chop, All Crops

25 Corn Stalks

26 Milk or Milk By-Product

27 Liquid Whey

28 Other Feed Additives

29 Antibiotics or Other Medicated Additives

30 Milk replacer or calf starter

32 Soybean Meal

DAIRY FEED FACILITY TYPE CODES
Section S, 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

35 Other

DAIRY MANURE STORAGE TYPE CODES
Section T, Column 1

1 Stacking slab or other open storage of manure

2 Manure barns or shed (covered storage of manure)

3 Holding pond (for storage, not anerobic or aerobic digestion)

4 Single stage lagoon (for anerobic or aerobic digestion)

5 Two stage lagoon (digestion in 1st stage, storage in 2nd stage)

6 Manure pit (open)

7 Manure pit (covered)

8 Slurry or manure tank (open)

9 Slurry or manure tank (covered)

DAIRY MANURE CONSTRUCTION MATERIAL CODES-
MANURE STORAGE
Section T, Column 5

8 Concrete

9 Metal

10 Clay (for example, bentonite)

11 Synthetics (plastics, fiberglass, etc.)

12 Wood

13 Dirt

14 Other

If Lagoon Storage used, report material code for lining

DAIRY FEED HANDLING EQUIPMENT CODES
Section V, Column 2

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
14 Feed Truck
15 Bale Shredder
16 Large Bale Transporter
17 Larger 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

DAIRY MANURE HANDLING EQUIPMENT CODES
Section V, Column 2

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

DAIRY OTHER MACHINES and EQUIPMENT CODES
Section V, Column 2

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
68 ATV
70 Other