



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

**AGRICULTURAL RESOURCE MANAGEMENT SURVEY
PHASE III
HOGS PRODUCTION PRACTICES and
COSTS and RETURNS REPORT
for 2004**

Form Approved
OMB Number 0535-0218
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Project code 904
VERSION 4 HOGS

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VERSION	ID	TRACT	SUBTRACT
04		01	

		CONTACT RECORD	R CODES	
DATE	TIME	NOTES	3 - COMP 5 - OOS 8 - IR 9 - INAC	0910
			SUPPLEMENT	0002
			N/A CHANGE	0003

INTRODUCTION:

[Introduce yourself, and ask for the operator. Rephrase in your own words.]

We are collecting information on costs and returns and need your help to make the information as accurate as possible. Authority for collection of information on the Costs and Returns Report is Title 7, Section 2204 of the U.S. Code. This information will be used for economic analysis and to compile and publish estimates for your region and the United States. Response to this survey is confidential and voluntary.

We encourage you to refer to your farm records during the interview.

MILITARY TIME

BEGINNING TIME [MILITARY]

0004	____	____
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SCREENING BOX

0006

[ENUMERATOR NOTE: If screening box is code 1, complete the screening Supplement. If Screening box is blank, begin with Section A.]

[Name, address and partners verified and updated if necessary]

POID _____				POID _____			
PARTNER NAME				PARTNER NAME			
ADDRESS				ADDRESS			
CITY	STATE	ZIP	PHONE NUMBER	CITY	STATE	ZIP	PHONE NUMBER
POID _____				POID _____			
PARTNER NAME				PARTNER NAME			
ADDRESS				ADDRESS			
CITY	STATE	ZIP	PHONE NUMBER	CITY	STATE	ZIP	PHONE NUMBER

OFFICE USE

0929	TOTAL POINTS
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PARTNERS' STRATUM 182

0925	0926	0927	0928
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SECTION A LAND IN FARM / RANCH

Please report farm/ranch land owned, rented, or used by you, your spouse, or by the partnership, corporation or organization for which you are reporting in 2004. (Include all cropland, idle land, CRP, pastureland, woodland, wasteland, etc.)

		NUMBER OF ACRES
1. How many acres of farm/ranch land are OWNED?.....	+	0020
2. How many acres of farm/ranch land are RENTED or LEASED from others--- (Exclude land used on an AUM or fee per head basis under a grazing permit.)		ACRES
a. for a FIXED CASH payment?.....	+	0021
b. for a FLEXIBLE CASH payment? (Rent paid depends on prices and/or yields, or is otherwise not a fixed amount.).....	+	0022
c. for a SHARE of the crop or livestock production? (Include hybrid rental arrangement where rent paid is based on a fixed cash payment plus some shared production.).....	+	0023
d. rented for FREE ?.....	+	0024
3. How many acres of farm/ranch land are rented or leased TO OTHERS? (Include land rented for cash, for a share of crop, or livestock production, or rent free.).....	-	0025
4. Then the total acres operated was--- [Total 1 + 2a + 2b + 2c + 2d - 3].....	=	TOTAL ACRES 0026
5. Of the Total Acres in this operation (item 4), how many were---		ACRES
a. considered cropland, including land in government programs? (Exclude wild hay and CRP acres planted to trees.).....		0030
b. enrolled in the Conservation Reserve Program (CRP) or the Wetlands Reserve Program (WRP) ?.....		0028
g. covered under a Federal crop or other crop insurance policy?.....		0039
h. used to raise certified organically produced crops?.....		0041
8. Including rent for land and/or buildings, what was the total CASH RENT received in 2004 for acres cash rented TO others (Exclude grazing of livestock.)?.....		DOLLARS 0042
9. For acres share-rented to others, what was the total value of the CROP or LIVESTOCK SHARES received in 2004? (Include government payments received from those acres.).....		0043
10. Including rent for land and/or buildings, what was the total cash rent PAID in 2004? (Include rent paid in 2004 for previous years or rent paid in advance.) (Exclude storage bins these are reported later in Section F, item 20.)		DOLLARS 0044

11. What were the total fees paid for livestock grazed on an Animal Unit Month (AUM), head or gain basis on PUBLIC LAND in 2004?.....	0045
12. In 2004, how much did this operation spend on pasturing or grazing of livestock on PRIVATELY OWNED LAND used on a fee per head (AUM) or gain basis?.....	0046
	FARM TYPE CODE
13. Which Farm Type code represents the largest portion of this operation's 2004 gross farm income? [Enter code from below].....	0047

<p>1 Grains, Oilseeds, Dry Beans, and Dry Peas (corn, flaxseed, grain, silage and forage, grains and oilseeds, popcorn, rice, small grains, sorghum, soybeans, sunflowers, etc.)</p> <p>2 Tobacco</p> <p>3 Cotton and Cottonseed</p> <p>4 Vegetables, Melons, Potatoes and Sweet Potatoes (beets, cabbage, cantaloupes, pumpkins, sweet corn, tomatoes, watermelons, vegetable seeds, etc.)</p> <p>5 Fruit, Tree Nuts and Berries (almonds, apples, blueberries, cherries, grapes, hazelnuts, kiwifruit, oranges, pears, pecans, strawberries, walnuts, etc.)</p> <p>6 Nursery, Greenhouse, Floriculture and Sod (bedding plants, bulbs, cut flowers, flower seeds, foliage plants, mushrooms, nursery potted plants, shrubbery, sod, etc.)</p> <p>7 Cut Christmas Trees and Short Rotation Woody Crops</p> <p>8 Other Crops and Hay (grass seed, hay and grass silage, straw, hops, maple syrup, mint, peanuts, sugarcane, sugarbeets, CRP, etc.)</p>	<p>9 Hogs and Pigs</p> <p>10 Milk and Other Dairy Products from cows</p> <p>11 Cattle and Calves (beef and dairy cattle for breeding stock, fed cattle, beef and dairy cull animals, stockers and feeders, veal calves, etc.)</p> <p>12 Sheep, Goats, and their Products (wool, mohair, milk and cheese)</p> <p>13 Horses, Ponies, and Mules (burros and donkeys)</p> <p>14 Poultry and Eggs (broilers, chickens, turkeys, ducks, eggs, emus, geese, hatchlings, ostriches, pigeons, pheasants, quail, poultry products, etc.)</p> <p>15 Aquaculture</p> <p>16 Other Animals and Other Animal Products (bees, honey, rabbits, fur-bearing animals, semen, manure, other animal specialities, etc.)</p>
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SECTION B ACREAGE and PRODUCTION

1. During 2004, what crops were harvested on the total acres (Section A, item 4) on this operation?
 (Exclude crops grown on land RENTED to others.)

1 CROP	2 How many acres were harvested? ACRES	3 What was the total production? TOTAL AMOUNT	4 How much of this operation's share of the total production was (will be) used on this operation? TOTAL AMOUNT
FIELD CROPS			
Corn for Grain.	0105	0106 Bu.	0107 Bu.
Corn for Silage.	0109	0110 Tons	0111 Tons
Cotton, all types.	0113	0114 Lbs.	
Peanuts.	0117	0118 Lbs.	
Potatoes.	0121	0122 Cwt.	
Rice.	0125	0126 Cwt.	
Sorghum for Grain.	0129	0130 Bu.	0131 Bu.
Sorghum for Silage.	0133	0134 Tons	0135 Tons
Soybeans.	0137	0138 Bu.	0139 Bu.
Tobacco, all.	0141	0142 Lbs.	
SMALL GRAINS			
Barley for Grain.	0145	0146 Bu.	0147 Bu.
Oats for Grain.	0149	0150 Bu.	0151 Bu.
Wheat, all for Grain.	0153	0154 Bu.	0155 Bu.
HAY CROPS			
Hay, Alfalfa.	0157	0158 Tons	0159 Tons
Hay, All Other.	0161	0162 Tons	0163 Tons
OTHER CROPS			
Canola.	0165	0166 Lbs.	0167 Lbs.
Other Oilseeds.	0169	0170 Lbs.	
Sugar Cane or Sugar Beets.	0173	0174 Tons	
Dry Edible Beans/Peas/Lentils.	0177		
Vegetables for processing.	0178		
All Other Vegetables and Melons	0179		
Fruits, Nuts, and Berries.	0180		
Nursery and Greenhouse Crops	0181		
All Other Crops not listed above	0182		

DOLLARS

2. What was the estimated value of your landlord's share of crop production for land rented on a share basis in 2004?.....

0184

SECTION C LIVESTOCK

Please report the total number of livestock, poultry, and/or poultry products sold and/or removed from this operation January 1, 2004 to December 31, 2004. (Include any landlord's share, those sold on the open market (non-contract) and/or removed/marketed under contract from this operation in 2004.)

1	2	3
1. Did this operation have on hand or produce any [item] on hand during 2004?	What was the total number [column 1] sold and/or removed/marketed under contract in 2004?	On December 31, 2004, how many [column 1, regardless of ownership] were on hand?
a. All cattle and calves--- beef or dairy cows, heifers, steers, calves, bulls?	0260	0261
b. All hogs and pigs?	0262	0263
c. Broilers?	0264	0265
d. Chicken eggs?(Report in dozens).	0266	
e. Turkeys?	0268	0269
f. Milk? (Report in cwt.).	0270	
g. All other livestock and poultry? Specify type _____	0272	0273

DOLLARS

2. What was the estimated total value of your landlord's share of livestock production in 2004? 0276

3. Did any OTHER operation(s) grow livestock or poultry FOR this operation under a contract arrangement in 2004?

- YES - [Continue.] NO - [Go to Section D.]

DOLLARS

a. How much were your gross receipts from items sold or removed under these contracts?	0050
b. On December 31, 2004, what was the market value of unsold livestock or poultry remaining under these contracts?	0051
c. How much was paid to contractees for production costs, including fees for services?	0052

SECTION D COMMODITY MARKETING and INCOME

1. During 2004, did this operation have **MARKETING CONTRACTS** for any commodities it produced?

YES - [Continue.] NO - [Go to item 2.]

Exclude money received from Contractors as reimbursement for expenses; report these in Section F.

MARKETING CONTRACTOR CODES for Column 3

- 1 Cooperative that you (the operator) belong to
- 2 Marketing pool or agent selling on your (the operator's) behalf
- 3 Privately owned (not a cooperative) packer, processor, mill or gin
- 4 Other

UNIT CODES for Column 6

- | | | |
|-----------|----------|-----------------|
| 1 POUND | 6 BOX | 11 HEAD |
| 2 CWT | 7 BALE | 13 PLANT/POT |
| 3 TON | 8 CARTON | 20 BARREL |
| 4 BUSHELS | 9 DOZEN | 22 ACRE |
| 5 BIN | 10 FLAT | 39 ANIMAL SPACE |

1 What commodities did this operation have MARKETING contracts for in 2004 <i>[Write in commodities]</i>	2 CODE	3 Who was the marketing contractor? <i>[Use marketing contractor codes above.]</i> CODE	4 For how long have you had contracts for this commodity with this contractor? <i>(Enter 0 if less than 1 year)</i> YEARS	5 What quantity of <i>[commodity]</i> was marketed through this contract? <i>(Exclude landlord's share—it was reported in Section B or Section C)</i> QUANTITY	6 UNIT CODE <i>[Use Unit codes above.]</i> CODE	7 What was (will be) the FINAL PRICE RECEIVED per <i>[unit]</i> by this operation for <i>[commodity]</i> marketed under this contract? <i>[Same units as column 5.]</i> DOLLARS & CENTS	8 What was the total dollar amount received in 2004 from this contract? <i>[Record receipts less marketing charges.]</i> 1/ TOTAL DOLLARS
	0301	0302	0303	0304	0305	0306	0307
	0316	0317	0318	0319	0320	0321	0322
	0331	0332	0333	0334	0335	0336	0337
	0346	0347	0348	0349	0350	0351	0352
	0361	0362	0363	0364	0365	0366	0367
	0376	0377	0378	0379	0380	0381	0382

1/ Income received for commodities marketed or produced under contract in previous years should be recorded in item 6.

2. During 2004, did this operation have **PRODUCTION CONTRACTS** for any commodities it produced?

YES - [Continue.] NO - [Go to item 3.]

PRODUCTION CONTRACTOR CODES for Column 3

- 1 Cooperative that you (the operator) belong to
- 2 Input provider that is not a cooperative
- 3 Processor that is not a cooperative
- 4 Input provider and processor, not a cooperative
- 5 Other

1 What commodities did this operation have PRODUCTION contracts for in 2004 <i>[Write in commodities]</i>	2 CODE	3 Who was the production contractor? <i>[Use production contractor codes above.]</i> CODE	4 For how long have you had contracts for this commodity with this contractor? <i>(Enter 0 if less than 1 year)</i> YEARS	5 What quantity of <i>[commodity]</i> was removed from the operation under this contract during 2004? <i>(Exclude landlord's share—it was reported in Section B or Section C)</i> QUANTITY	6 UNIT CODE <i>[Use Unit codes above.]</i> CODE	7 What was (will be) the FINAL FEE RECEIVED per <i>[unit]</i> by this operation for producing <i>[commodity]</i> under this contract? <i>[Same units as column 5.]</i> DOLLARS & CENTS	8 What were the TOTAL FEES RECEIVED in 2004 under this contract <i>[Record receipts less marketing charges.]</i> 1/ TOTAL DOLLARS
	0401	0402	0403	0404	0405	0406	0407
	0416	0417	0418	0419	0420	0421	0422
	0431	0432	0433	0434	0435	0436	0437
	0446	0447	0448	0449	0450	0451	0452

1/ Income received for commodities produced under contract in previous years should be recorded in item 6.

PRICING CODES for Column 9

- 1 The contract contains a single price to be paid for the commodity.
- 2 The contract contains a formula for determining the price, and/or a set of prices to be paid according to the attributes of the commodity.
- 3 The contract contains no price(s) or pricing formula, but the contractor negotiated for a price in my behalf.
- 4 Other

QUANTITY CODES for Column 14

- 1 No quantity
- 2 Specified quantity or range
- 3 Harvest from specified acreage
- 4 Percent of grower's production
- 5 Other

MARKETING CODES FOR COLUMN 16

- 1 None
- 2 Both cash sales and other contractors
- 3 Only cash sales
- 4 Only other contractors

9	10	11	12	13	14	15	16
How is the final price in the contract determined? [Use pricing codes above.]	[If column 9=2 ask, else go to column 14.] Does the contract specify premiums tied to attributes of delivered commodity?	Does the contract base a final price on a published market price for the commodity?	Does the contract base a final price on a published price of a different commodity, such as an input price?	[If column 11=YES or column 12=YES ask--] Does the contract specify maximum and minimum base prices?	Does the contract specify a quantity to be delivered to the contractor? [Use quantity codes above.]	How long is the length of the contract? (Enter 0 if no length is specified.)	If you had not had this contract, what other marketing options would you have had in your area for marketing this commodity?
CODE	YES = 1	YES = 1	YES = 1	YES = 1	CODE	MONTHS	CODE
0308	0309	0310	0311	0312	0313	0314	0315
0323	0324	0325	0326	0327	0328	0329	0330
0338	0339	0340	0341	0342	0343	0344	0345
0353	0354	0355	0356	0357	0358	0359	0360
0368	0369	0370	0371	0372	0373	0374	0375
0383	0384	0385	0386	0387	0388	0389	0390

9	10	11	12	13	14	15	16
Does the contract specify a formula for determining the final fee received?	[If column 9=YES, ask, else go to column 11] Does the contract's formula base the final fee on your performance, relative to other contract growers?	Does the contract specify premiums or deductions tied to attributes of the delivered commodity?	How much was spent this year for equipment or structures specifically required by the contract? (Enter 0 if the contract did NOT require expenditures.) [Use value codes in Respondent Booklet.]	How much did the contractor reimburse you this year for current or previous equipment or structures expenditures specifically required by your contract? (Enter 0 if the contract did NOT require such expenditures or if you were NOT reimbursed.) [Use value codes in Respondent Booklet.]	[If livestock commodity, ask--] How much land does the contract require you to commit for manure distribution? [Enter 0 if contract does NOT require land commitments.]	How long is the length of the contract? (Enter 0 if no length is specified.)	If you had not had this contract, what other marketing options would you have had in your area for marketing this commodity?
YES = 1	YES = 1	YES = 1	CODE	VALUE CODE	ACRES	MONTHS	CODE
0408	0409	0410	0411	0412	0413	0414	0415
0423	0424	0425	0426	0427	0428	0429	0430
0438	0439	0440	0441	0442	0443	0444	0445
0453	0454	0455	0456	0457	0458	0459	0460

CASH or OPEN MARKET SALES

Exclude from this table---
 ▶ Marketing Contract sales (report in item 1.)
 ▶ Production Contract sales (report in item 2.)
 ▶ Landlord shares (report in Section B, items 1- 2.)

3. After subtracting marketing expenses, what was the total dollar amount received for CASH or OPEN MARKET sales of each of the following crop and/or livestock commodities sold in 2004---

	DOLLARS
a. Corn, Rice, Sorghum, Soybeans, Oats, Wheat (<i>Include silage</i>)	0501
b. Other Grains, Oilseeds, Dry Beans, and Dry Peas (<i>flaxseed, other grain silage and forage, other grains and oilseeds, popcorn, sunflowers, etc.</i>)	0502
c. Tobacco, Cotton, and Cottonseed	0503
d. Vegetables, Melons, Potatoes and Sweet potatoes (<i>beets, cabbage, cantaloupes, pumpkins, sweet corn, tomatoes, watermelons, vegetable seeds, etc.</i>)	0504
e. Fruit, Tree Nuts and Berries (<i>almonds, apples, blueberries, cherries, grapes, hazelnuts, kiwifruit, oranges, pears, pecans, strawberries, walnuts, etc.</i>)	0505
f. Nursery, Greenhouse, Floriculture and Sod (<i>bedding plants, bulbs, cut flowers, flower seeds, foliage plants, mushrooms, nursery potted plants, shrubbery, etc.</i>)	0506
g. Other Crops and Hay, Cut Christmas Trees, Short Rotation Wood Crops (<i>grass seed, hay and grass silage, straw, hops, maple syrup, mint, peanuts, sugarcane, sugarbeets, CRP, etc.</i>)	0507
h. Hogs and Pigs (<i>Exclude breeding stock</i>)	0508
i. Hogs Breeding Stock	0509
j. Milk and other dairy products from cows	0510
k. Cattle and Calves (<i>fed cattle, beef and dairy cull animals, stockers and feeders, veal calves, etc., exclude breeding stock.</i>)	0511
l. Cattle Breeding Stock	0512
m. Poultry and Eggs (<i>broilers, chickens, turkeys, ducks, eggs, emus, geese, hatchlings, ostriches, pigeons, pheasants, quail, poultry products, etc.</i>)	0524
q. Other Animals and Other Animal Products; Sheep, Goats and their Products; Horses, Ponies, Mules, Burros, and Donkeys; Aquaculture (<i>wool, mohair, goat milk and cheese</i>)	0517

4. Did this operation receive or repay any Commodity Credit Corporation (CCC) loan in 2004?

YES - [Continue.] NO - [Go to item 5.]

	DOLLARS
a. How much was received for all commodities placed under CCC loan in 2004?	0518
b. What was the amount spent to repay CCC loans in 2004?	0519

5. What were the total MARKETING CHARGES this operation paid for [column] all commodity products in 2004?
 (*Include check-off, commissions, feed, inspection, yardage, etc.*)

1 OPERATOR & PARTNERS DOLLARS	2 LANDLORD(S)	3 CONTRACTOR(S)
0521	0522	0523

MARKETING EXPENSE WORKSHEET

COMMODITY	EXPENSE NAME	FEE PER UNIT	UNIT	NUMBER OF UNITS	TOTAL MARKETING EXPENSE

DOLLARS

6. **What was the total dollar amount this operation received in 2004 for commodities produced or marketed under a contract in 2003 or earlier years?**.....

0561

*(Exclude marketing charges and money received or any reimbursement for expenses.)
Verify these deferred receipts are NOT included in Marketing Contracts (item 1) or
Production Contracts (item 2).*

DOLLARS

7. **What was the total dollar amount this operation received in 2004 for commodities that were sold on cash or open markets in 2003 or earlier years?**.....

0564

*(Exclude marketing charges and money received or any reimbursement for expenses.)
Verify these deferred receipts are NOT included in Cash Sales (item 3).*

SECTION E OTHER FARM INCOME

1. **Did this operation receive any government payments in 2004?**

(Exclude CCC loans.)

- YES** - [Continue.] **NO** - [Go to item 3.]

2. **What is the total dollar amount this operation received in 2004 --**

DOLLARS

a. How much was received in direct payments (as defined under the 2002 Farm Act)?	0525
b. How much was received in counter-cyclical payments (as defined under the 2002 Farm Act)?	0526
c. How much was received in conservation payments? <i>(Include Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), and Environmental Quality Incentive Program (EQIP) payments.)</i>	0544
d. How much was received in loan deficiency payments (LDPs), marketing loan gain, and net value of commodity certificates?	0529
e. All other federal or state agricultural program payments? <i>(Include disaster and market loss payments, peanut quota compensation payments, national dairy market loss payments, and any other Federal, state or local programs.) exclude federal crop insurance payments.</i>	0545

3. **What is your estimate of the total dollar amount your landlord(s) received in government payments for the acres you rented from them?**

0543

4. **In 2004, what was the total income received by you (the operator) and all partners for--**

a. custom work, machine hire, and other agricultural services provided for farmers and others (unless it is for a separate business)?	0546
c. recreational services such as hunting, fishing, etc.?	0548
h. Federal Crop Insurance payments?	0552
i. other income which is closely related to the agricultural operation?	0556

(include sales of farm machinery and vehicles. Also include grazing of livestock, sales of forest products, insurance indemnity payments other than Federal Crop Insurance payments, patronage dividends and refunds from cooperatives, animal boarding, tobacco settlements, state fuel, tax refunds, tax refunds, profits and losses. This may be a negative(-) number for losses.)

SECTION F OPERATING and CAPITAL EXPENDITURES

**In 2004, how much was spent for
(item) by [column]---**

OPERATING EXPENSES

Include only expenses related to this operation.

Exclude expenses NOT related to the farm/ranch;
expenses of performing custom work FOR others
expenses on land rented to others.

1. **Seeds, sets, plants, seed cleaning, seed treatments,
etc., and transplants and trees?**.....

*(Include technology fees.
Exclude items purchased only for direct resale.)*

2. **Fertilizer, lime and soil conditioners?**
(Include custom application costs.).....

3. **Agricultural Chemicals for crops, livestock,
poultry, and general farm use.**.....

(Include biological pest controls and custom application costs.)

a. How much of this (item 3) was for the
HOG enterprise?.....

4. **Livestock purchases of---**

a. Breeding stock for beef cattle, dairy cattle,
hogs and sheep?.....

b. Other cattle, calves, hogs and pigs?
[Report other sheep in item 4d.].....

c. Chickens and turkeys?
[Report ducks and game birds in item 4d.].....

d. Other livestock and poultry,
including other sheep and lambs, bees,
brooder fish, fingerlings, etc.?.....

5. **Leasing of livestock?**
(Include leasing of bees for pollination.).....

6. **Purchased feed for livestock and poultry?**
(Include grain, hay, silage, mixed feeds, concentrates, etc.).....

a. How much of this (item 6) was for
the HOG enterprise?.....

7. **All bedding and litter?**.....

a. How much of this (item 7) was for
the HOG enterprise?.....

8. **Medical supplies, veterinary and custom services
for livestock?** *(Exclude manure disposal.)*.....

*Include artificial insemination (AI), branding, breeding fees,
caponizing, castrating, custom feed processing,
hormone injections, manure disposal
performance testing, pregnancy testing, seining,
sheep shearing, etc.)*

a. How much of this (item 8) was for
the HOG enterprise?.....

9. **Purchase for the farm business of---**
**all fuels (diesel fuel, gasoline and gasohol,
LP and natural gas, and all other fuels)
and all oils and lubricants?**.....

b. How much of the total fuel expense (item 9)
was for the HOG enterprise?<.>

1 OPERATOR & PARTNERS? DOLLARS	2 LANDLORD(S)? DOLLARS	3 CONTRACTOR(S)? DOLLARS
0600	0601	0602

0606	0607	0608
0612	0613	0614

0615	0616	0617
------	------	------

0621	0622	0623
------	------	------

0624	0625	0626
------	------	------

0627	0628	0629
------	------	------

0630	0631	0632
------	------	------

0633	0634	0635
------	------	------

0636	0637	0638
------	------	------

0891	0892	0893
------	------	------

0639	0640	0641
------	------	------

0894	0895	0896
------	------	------

0642	0643	0644
------	------	------

0897	0898	0899
------	------	------

0663	0664	0665
------	------	------

0672	0673	0674
------	------	------

**In 2004, how much was spent for
(item) by [column]---**

10. **Electricity for the farm business?**.....
- a. How much of the total electricity expense
(item 10) was for irrigation?.....
- b. How much of the total electricity expense
(item 10) was for drying?.....
- c. How much of the total electricity expense
(item 10) was for specialized livestock production
facilities – such as dairies, feedlots, poultry houses,
swine buildings, etc.?.....
- (1) How much of this (item 10c)
was for the HOG enterprise?.....
11. **Purchased water for irrigation from off-farm
suppliers? (Include irrigation assessments and fees.)**.....
12. **All other utilities** – such as the farm share of telephone
service, water purchased other than for irrigation,
Internet access, etc.....
13. **Farm supplies, marketing containers, hand tools and
farm shop power equipment?**.....
- (Include expenses for temporary fencing.
Exclude expenses for permanent fencing.)*
14. **Repairs, parts and accessories for motor vehicles,
machinery and farm equipment?**.....
- (Include drying equipment, frost protection, tune-ups,
overhauls, repairs to livestock equipment, replacement parts
for machinery, tubes, tires, and accessories such as air
conditioners, CB's, radios and hydraulic cylinders.)*
- a. How much of this (item 14) was for the
HOG enterprise?.....
15. **Maintenance and repair for the upkeep of all farm buildings,
houses other than the operator's, land improvements,
and all other farm/ranch improvements?**.....
- (Include conservation improvements, corrals, feeding floors,
feedlots, gravel, land drainage structures, tiling, trench, silos,
wells, and facilities for farm workers
Exclude any new construction or remodeling)*
- a. How much of this (item 15) was for specialized
livestock production facilities – such as dairies,
feedlots, poultry houses, swine buildings?.....
- (i) How much of this (item 15a)
was for the HOG enterprise?.....
- b. How much of this (item 15) was for
irrigation equipment and pumps?.....

1 OPERATOR & PARTNERS? DOLLARS	2 LANDLORD(S)? DOLLARS	3 CONTRACTOR(S)? DOLLARS
0675	0676	0677
0678	0679	0680
0687	0688	0689
0693	0694	0695
0947	0948	0949
0696	0697	0698
0872	0873	0874
0702	0703	0704
0708	0709	0710
0711	0712	0713
0714	0715	0716
0717	0718	0719
0568	0569	0570
0720	0721	0722

**In 2004, how much was spent for
(item) by [column]---**

1 Operator and Partners?	2 Landlord(s)?	3 Contractor(s)?
DOLLARS	DOLLARS	DOLLARS
0726	0727	0728

16. **Maintenance and repair of the operator's house if it was owned by the operation?**.....

'Owned by the operation' means the house is--
 - recorded as an asset in farm record books, or
 - used as security or collateral for a farm loan, or
 - deeded as part of the farm.

0729	0730	0731
------	------	------

17. **Insurance for the farm business?**.....

(Include all casualty insurance, hail insurance, and any other crop or livestock insurance; motor vehicle liability and blanket insurance policies. Include insurance on operator dwelling, if owned by the operator.)

a. How much of this item (item 17) was for Federal crop insurance?.....

0732	0733	0734
------	------	------

18. **Interest and fees paid on---**

a. debts secured by real estate?
 (Include interest paid on the operator's house if owned by the operation.).....

0738	0739	0740
------	------	------

b. debts not secured by real estate?
 (Include service fees on CCC loan redemptions.).....

0741	0742	0743
------	------	------

19. **Property taxes paid on---**

a. Real estate? (Include real estate taxes on operator dwelling, if owned by the operation.).....

0744	0745	0746
------	------	------

b. Livestock, machinery, and other farm production items?.....

0747	0748	0749
------	------	------

20. **Renting or leasing of tractors, vehicles, equipment or storage structures?** (Include farm machinery, cars, trucks, irrigation equipment and other equipment.).....

0750	0751	0752
------	------	------

21. **Vehicle registration and licensing fees?**.....

0753	0754	0755
------	------	------

22. **Depreciation expense claimed by this operation in 2004 for all capital assets?** (If partnership, include amounts claimed by all partners in this operation.).....

0756

a. How much of this depreciation expense (item 22) was claimed for breeding livestock?.....

0757

23. **CASH WAGES paid to hired farm and ranch labor?**.....

0758	0759	0760
------	------	------

Include Cash wages, incentives and bonuses
 Payments to corporate officers and paid family members.

Exclude Wages paid for custom and contract work
 Wages paid for housework
 Social Security on the owner-operator
 Withdrawals for living expenses
 Employer's share of Social Security and unemployment taxes
 Health insurance and life insurance
 Pensions or retirement plans
 Worker's Compensation

a. How much of the total wage expense (item 23) was for the HOG enterprise?.....

0761	0762	0763
------	------	------

**In 2004, how much was spent for
(item) by [column]---**

1 OPERATOR & PARTNERS?	2 LANDLORD(S)?	3 CONTRACTOR(S)
DOLLARS	DOLLARS	DOLLARS

24. **Of the total cash wages (item 23),
how much was paid out to---**
(Total 24a + 24b + 24c + 24d + 24e must equal item 23)

- a. You (the principal operator)?.....
- b. Your (the operator's) spouse?.....
- c. Other members of your (the operator's) household?.....
- d. Other operators?.....
- e. All other paid farm and ranch labor?.....

0764	0765	0766
0767	0768	0769
0574	0575	0576
0770	0771	0772
0773	0774	0775

25. **Payroll taxes and benefits for paid labor?**

(Include employer's share of Social Security and unemployment taxes, health insurance, pension or retirement plans, Workers Compensation, etc.).....

- a. How much of this (item 25) was for the HOG enterprise?.....

0776	0777	0778
0779	0780	0781
0782	0783	0784

26. **Contract labor?**

(Contract labor is work performed on a contract basis by a contractor, crew leader, a cooperative, etc.).....

(Exclude – contract work for building construction, repairs, or farm improvements:
- Payments to other operations that fed/raised livestock under contract FOR this operation.)

- a. How much of this (item 26) was for the HOG enterprise?.....

0785	0786	0787
------	------	------

27. **Custom work such as---**

(Custom work is work performed by machines and labor hired as a unit.)

- a. Hauling—Include all custom grain, livestock, milk, manure, and other custom hauling?.....
- b. All other custom work done on this operation including machine hire, and rental of machinery and equipment? (Report custom livestock services in item 8.).....
 - (i) How much of the total custom work expense (item 27a & b) was for the HOG enterprise?.....

0788	0789	0790
0791	0792	0793
0794	0795	0796

28. **For workers who were members of your (the operator's) household, what was the cash value of any commodities provided to them as payment for farm work?**

[Example: a share of crop, calves, etc.].....

DOLLARS
0797

29. **For workers who were NOT household members---**

What was the cash value of all commodities, feed, fuel, housing, meals, other food, utilities, vehicles for personal use, and any other non-cash payment for farm work?.....

(Include - meat, poultry, other livestock and livestock products
- berries, firewood, fruits, and vegetables, etc.
(Exclude - home gardens unless expenses were recorded previously.)

0798

30. **What was the market value of products produced and used on this operation for home consumption? (Exclude any commodities provided as payment to household members for farm work reported in item 28.).....**

0799

1 OPERATOR & PARTNERS? DOLLARS	2 LANDLORD(S) DOLLARS	3 CONTRACTOR(S) DOLLARS
0801		
0804	0805	0806

31. Fees paid to purchase professional or farm management services such as record keeping, planning, or farm product advice?
32. General Business Expenses?

Show the respondent the list of General Business Expenses in the Respondent Booklet.

Report the total cost for the following capital expenditures during 2004.

33. Improvements on land such as land preparation, irrigation improvements, well drilling, ponds, feedlots, trench silos, lagoons, new fences, etc.
(Exclude moveable equipment.)

0807	0808	0809
------	------	------

34. Buildings and structures including all costs for new construction and remodeling of dwellings (exclude the operator's dwelling), barns, buildings, hog houses, poultry houses, milk barns, storage facilities, sheds, silos, etc.
(Exclude repairs and maintenance.)

0810	0811	0812
0813	0814	0815

35. New construction or remodeling of the Operator's Dwelling, if owned by the operation

Report the TOTAL NET COST (after deducting the value of trade-ins, rebates and discounts) of the following items purchased for the farm/ranch in 2004.

36. Cars – Include new or used
- DOLLARS
- 0816
- a. What percentage of this was the Farm's Share?
- PERCENT
- 0817
37. Trucks – Include new or used trucks, pickups, sport utility vehicles, vans, campers and buses
- 0818
- a. What percentage of this was the Farm's Share?
- PERCENT
- 0819
38. Tractors – Include new or used
- 0820
39. Self-Propelled Farm Equipment including implements and self-propelled equipment for livestock, dairy, or poultry production (Include farm share only.)
- 0821
40. Other Farm Machinery and Non-Self Propelled farm equipment and pumps and capital equipment for livestock, dairy and poultry (Include farm share only.)
- 0822
41. Office equipment, furniture and computers that were placed on a depreciation schedule?
- 0823
43. All Other Capital Expenditures (Include all other capital expenditures which were placed on a depreciation schedule.)
- 0824

- Specify: _____
44. What other expenses did this operation have in 2004 that I have not recorded?
- [List each expense item and amount.]

Operator & Partner?	Landlord(s)?	Contractor(s)?
0825	0826	0827

SECTION G FARM LABOR

1. On the average, for each of the three month periods DURING 2004, about how many hours per week did---

- a. You (the principal operator) do farm/ranch work, including paid and unpaid hours?
- b. Your spouse (the principal operator's) do farm/ranch work, including paid and unpaid hours? (Even if your spouse is an operator, include their hours here.)
- c. Other operators (those persons responsible for the day-to-day management decisions for this operation) do farm/ranch work, including paid and unpaid hours?
- d. Unpaid workers (such as non operator partners, family members, etc.) do farm/ranch work?

1	2	3	4
Jan-Mar Hrs./week	April-June Hrs./week	July-Sept Hrs./week	Oct-Dec Hrs./week
0828	0829	0830	0831
0832	0833	0834	0835
0836	0837	0838	0839
0840	0841	0842	0843

HOG ENTERPRISE LABOR

Next I have some questions about labor used on the hog enterprise.

EXCLUDE CONTRACT LABOR.

1. I need your best estimate of the time spent doing work on the HOG enterprise in 2004 by you (the operator) and unpaid workers

On the average, about how many HOURS PER WEEK did---

- a. You (the operator) work on the HOG ENTERPRISE during [column], including paid and unpaid hours?
- b. Unpaid workers (such as partners, family members, etc.) work on the HOG ENTERPRISE during [column], including unpaid hours only?

1	2	3	4
Jan-Mar Hrs./week	April-June Hrs./week	July-Sept Hrs./week	Oct-Dec Hrs./week
1130	1131	1132	1133
1134	1135	1136	1137

- (i) Of the total hours worked by all UNPAID workers (excluding the operator), what percentage was provided by children under age 16?

PERCENT

1138

EXCLUDE CONTRACT LABOR.

2. Now, I need your best estimate on the time spent doing work on the HOG ENTERPRISE in 2004 by PAID workers.

[Exclude the operator's hours.]

On the average, about how many HOURS PER WEEK did---

- a. Full-time paid workers work on the hog enterprise during [column], including only paid hours?
- b. Part-time or seasonal workers work on the hog enterprise during [column], including only paid workers?

1 January, February, March, 2004	2 April, May, June, 2004	3 July, August, September, 2004	4 October, November, December, 2004
HOURS/WEEK	HOURS/WEEK	HOURS/WEEK	HOURS/WEEK
1139	1140	1141	1142
1143	1144	1145	1146

1 PER HOUR
2 PER DAY
3 PER WEEK
4 PER MONTH

DOLLARS & CENTS &

CODE

- 3. [If full-time paid workers reported in item 2a, ask---] What was the average wage paid to full-time workers?
- 4. [If part-time or seasonal workers reported in item 2b, ask--]- What was the average wage paid to part-time seasonal workers?

1147	_____
1149	_____

1148
1150

SECTION H FARM ASSETS

1. What was the market value of the following assets OWNED by this operation on December 31, 2004?

(Include owned assets on rented land.)

DOLLARS

- a. Farm Operator's Dwelling, if owned by the operation?
- b. All other Dwellings?
- c. All other Farm Buildings and Structures?
(Include barns, cribs, grain bins, greenhouses, silos, storage sheds, etc.)
- d. Orchard trees and vines, and trees grown for wood products?
- e. Land? *(Exclude houses, buildings, orchard trees and vines, and trees grown for wood products.)*

0850
0851
0852
0853
0854

2. What is the Estimated Market Value of the land and buildings on the acres RENTED or leased FROM OTHERS?

(Reported in Section A, items 2a, 2b, 2c & 2d.)

0855

3. What is the Estimated Market Value of the land and buildings on the acres RENTED or leased TO OTHERS?

(Reported in Section A, item 3.)

0857

For each item below, report the market value(s) of the assets owned by the operation on the dates specified.

4. What was the ESTIMATED MARKET VALUE for the farm share of---

- a. Crops owned and stored on or off this operation on---
(Include specialty crops, hay silage, and nursery and greenhouse products not in the ground. Exclude crops under CCC loans.)
 - (i) Government program crops owned and stored on or off this operation on---
 - (ii) Non-program crops owned and stored on or off this operation on---
- b. Breeding livestock and poultry **owned** by and **located** on or off this operation on---
- c. Non-breeding livestock **owned** by and **located** on or off this operation on---
(Including aquaculture, bees, cattle, equine, hogs, mink, poultry, sheep, etc.)
- d. Production inputs **owned** by this operation such as feed, fertilizer, chemicals, fuels, parts, purchased seed and other supplies, etc. on--
- e. Production inputs already **used** for cover crops or crops not yet harvested, also known as *sunk* costs on---
- f. Trucks and cars **owned** by the operation on---*(include farm share only)*
- g. Tractors, machinery, tools, equipment and implements **owned** by the operation on--
- h. Stocks in Farm Credit System and other farm cooperatives on---

beginning of year --Jan. 1, 2004? DOLLARS	end of year -Dec. 31, 2004? DOLLARS
0859	0860
0861	0862
0863	0864
0876	0877
0878	0879
0880	0881
	0882
	0883
	0884

5. [Show OTHER FARM ASSETS & VALUE CODES in Respondent Booklet.]

END OF YEAR
VALUE CODE

0887

On December 31, 2004, what was the value of all other farm assets?.....

(Include money owed to this operation (except money owed from commodity sales), cash certificates of deposits, savings and checking accounts, hedging account balances, Government payments due, balance of land contract sales, any other farm assets not reported earlier.)

beginning of year --Jan. 1, 2004? DOLLARS	end of year DEC. 31, 2004? DOLLARS
0885	0886

6. What was the total dollar amount OWED TO this operation for commodities produced or marketed UNDER CONTRACT or sold on CASH OR OPEN MARKETS in 2004 or earlier years?.....

SECTION I FARM DEBT

DOLLARS

0890

1. What was the maximum amount of all loans TAKEN OUT and REPAID in 2004?.....

2. Did this operation owe money to any banks, co-ops, individuals, merchants or Federal agencies at the end of 2004?

YES - [Continue.]

NO - [Go to Section J.]

3. For each type of loan, what was the balance owed, average interest rate, and percent for farm use?

1 What was the balance owed on Dec. 31, 2004? DOLLARS	2 What was the average interest rate of this debt? _____	3 What was the average percent for farm use? PERCENT
1048	1049	1050
1051	1052	1053
1054	1055	1056

a. one year or less production or other loans?.....

b. more than one year non-real estate debt?.....

c. more than one year real estate debt?.....

DOLLARS

1057

5. How much of the debt owed on December 31, 2004 was for the operator's dwelling?

(If operator's dwelling is owned by the operation, debt should have been included above.).....

OFFICE USE

0999

SECTION J FARM OPERATOR

NUMBER OF OPERATORS

1. How many individuals were involved in the day-to-day decisions for this operation?

(Enter the number of operators, including the operator named on the front of this form. Identify the operators in the columns below.....)

Exclude hired workers unless they are a hired manager or family member.)

1200

2. In 2004, was this operation's LEGAL STATUS---

- 1 Individual (Sole/family Proprietorship)?
- 2 A legal Partnership?
- 3 A Family-held Corporation?
- 4 a Non-family Corporation?
- 5 Other, including estates, trusts and cooperatives?

ENTER CODE

1201

3. In what year did the operator begin to operate any farm operation.....

PRINCIPAL OPERATOR Or Senior Partner	OPERATOR 2	OPERATOR 3
1241 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	1261 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	1281 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

4. Age of operator on December 31, 2004

1242 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Years of Age	1262 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Years of Age	1282 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Years of Age
---	---	---

5. Sex of operator.....

1243 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female	1263 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female	1283 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female
--	--	--

6. Which of the following activities did you (each operator) perform for the farm.....

[For each operator enter---
Code 1 if principal performer of activity
Code 2 if also performed activity
Code 3 if did not perform activity

Business Planning and Record Keeping.	1244	Business Planning and Record Keeping.	1264	Business Planning and Record Keeping.	1284
Purchasing Inputs.	1245	Purchasing Inputs.	1265	Purchasing Inputs.	1285
Crop Production.	1246	Crop Production.	1266	Crop Production.	1286
Livestock Production.	1247	Livestock Production.	1267	Livestock Production.	1287
Commodity Contracting and Marketing.	1248	Commodity Contracting and Marketing.	1268	Commodity Contracting and Marketing.	1288

8. Does your (the operator's) spouse also make day-to-day decisions for this farm/ranch?.....

- 1 YES
- 2 NO SPOUSE
- 3 NO

CODE

1204

11. In 2004, what was your and your spouse's (the operator and operator's spouse) major occupation?.....

- 1 Farm or ranch work
- 2 Hired manager
- 3 Retired, but still farming
- 4 Work other than farming/ranching

SPOUSE

OPERATOR

1208

1207

[If item 11 is code 4, ask---]

a. Was non-farm work your primary career decision?.....

- 1 YES
- 3 NO

CODE

CODE

1210

1209

12. What is the highest level of formal education you and your spouse (the operator and operator's spouse) have completed?.....

- 1 Less than high school
- 2 High school diploma or equivalency (GED)
- 3 Some college
- 4 Completed 4 year degree (BA or BS)
- 5 Graduate school

SPOUSE

OPERATOR

1212

1211

SPOUSE

OPERATOR

ENTER CODE 1 FOR ALL THAT APPLY

13. Which of these do you and your spouse (the operator and operator's spouse) consider yourself?

Are you---

- American Indian or Alaska Native
- Asian
- Black or African American
- Hispanic or Latin
- Native Hawaiian or Other Pacific Islander
- White, not of Hispanic Origin

1214
1216
1218
1220
1222
1224

1213
1215
1217
1219
1221
1223

NUMBER

15. How many persons lived in your (the operator's) household on December 31, 2004? (Include yourself, spouse, children, and others living in your household.)

1227

OFFICE USE

2001

VALUE CODES

CODE	DOLLAR RANGE	CODE	DOLLAR RANGE
1	None	17	\$ 50,000 - 59,999
2	\$ 1 - 499	18	\$ 60,000 - 79,999
3	\$ 500 - 999	19	\$ 80,000 - 99,999
4	\$ 1,000 - 1,999	20	\$ 100,000 - 124,999
5	\$ 2,000 - 2,999	21	\$ 125,000 - 149,999
6	\$ 3,000 - 3,999	22	\$ 150,000 - 174,999
7	\$ 4,000 - 4,999	23	\$ 175,000 - 199,999
8	\$ 5,000 - 7,499	24	\$ 200,000 - 224,999
9	\$ 7,500 - 9,999	25	\$ 225,000 - 249,999
10	\$ 10,000 - 14,999	26	\$ 250,000 - 374,999
11	\$ 15,000 - 19,999	27	\$ 375,000 - 499,999
12	\$ 20,000 - 24,999	28	\$ 500,000 - 999,999
13	\$ 25,000 - 29,999	29	\$ 1,000,000 - 1,249,999
14	\$ 30,000 - 34,999	30	\$ 1,250,000 - 1,499,999
15	\$ 35,000 - 39,999	31	\$ 1,500,000 and over
16	\$ 40,000 - 49,999		

SECTION K FARM OPERATOR and HOUSEHOLD

1. **Screen A: Do you (the operator) have an ownership interest in this operation?**

- YES - [Go to item 3.] NO - [Go to item 2, Screen B.]

2. **Screen B: Are you a hired manager for this operation?**

- YES - [Enter code 1 then Go to Section N.] NO - [Enter Code 3 and Continue.]

CODE

0995

[ENUMERATOR NOTE: If the operator has a spouse, please answer for both where applicable.]

3. **Did you and/or spouse (the operator and operator's spouse) work off this farm for wages or a salary in 2004?**
(Include proprietorship of any off-farm business.)

1 YES - Continue
3 NO - If both operator and spouse = 3, go to item 8a

SPOUSE

0932

OPERATOR

0931

[If both operator and spouse = 3, go to item 4.]

WEEKS

0934

WEEKS

0933

a. How many weeks did you and/or your spouse (the operator and operator's spouse) work off this farm for pay in 2004?

HOURS PER WEEK

0936

HOURS PER WEEK

0935

b. During the weeks you and/or your spouse worked off this farm for pay, how many hours per week did you usually work off-farm?

[Show VALUE CODES in Respondent Booklet.]

8a. **Which value code represents the non-farm pay received in 2004 by:**

VALUE CODE

- 2. the principal operator?
- 3. the principal operator's spouse?
- 4. all other household members?

0950

0951

0952

8. **Which value code represents the cash income the principal operator, spouse, and all other household members received in 2004 from---**

VALUE CODE

- b. Net cash income from operating another farm or ranch?
- c. Net cash income from operating any other business?
- d. Net cash income from cash or share-renting land to others, including land rented from this and other operations?
- e. Interest income?
- f. Dividend income?
- g. Total proceeds from the sale of farm and non-farm capital assets?
 - (i) Recognized gain/loss on the sale of capital assets reported above? (can be negative (-) if capital losses were incurred.)
- h. Income from disability, military or other retirement, Social Security, unemployment, Veteran's benefits, other public retirement and public assistance?
- i. Other off-farm sources?

0955

0958

0961

0967

0964

0973

0979

0970

0991

9. Did any household(s) besides the operator's share in the net income of this operation during 2004?	1 YES - Continue 3 NO - Go to item 11	CODE 0976
a. How many households besides yours shared in the net farm income of this operation?		NUMBER 0977
b. What percent of the net income did you (the operator) and your household receive?		PERCENT 0978
11. Which value code represents the total value of non-farm assets owned by the operator and members of the operator's household on December 31, 2004?		VALUE CODE 0994
<i>(Include cash, checking, savings, retirement accounts, corporate stock, certificate of deposit, real estate not part of the farm, and all other non-farm assets. Exclude farm assets reported earlier.)</i>		
12. Which value code represents the total value of all non-farm debt owed by the operator and members of the operator's household associated with the assets reported above?		VALUE CODE 1103
<i>(Exclude farm debt reported earlier)</i>		
13. To meet the household and family living expenses you consider necessary, which value code represents the minimum income, BEFORE TAXES, your family need in a year to meet basic needs?		VALUE CODE 1104
<i>(Basic needs are those necessary for the household to meet on an ongoing basis (e.g., housing, clothing, and food), and should not include investments, hobbies, or other leisure activities. Include income necessary for all members currently in the household, but exclude income necessary to pay farm business expenses.)</i>		
14. Which value code represents the total amount spent on household and family living expenses in 2004?		VALUE CODE 1111
<i>(Include rent/mortgage, food, including food away from home, clothing, personal items, health and medical expenses, gifts and charitable contributions, life, home and other personal insurance, non-farm transportation, household supplies, repair, recreation, vacation, education, child care, pension, Social Security contributions, investments for family, home improvements, appliance, and furnishings.)</i>		
16. Which value code represents the total value of farm sales in the previous year (2003)?		VALUE CODE 1113
<i>(Total value of farm sales includes livestock and crop cash income and the net change in CCC loans, plus the estimated value of crop and livestock under production contracts, plus government payments to operator. Also include, if applicable, the value of the landlord share of crop and livestock production and the landlord share of government payments.)</i>		
17. Which value code represents the net operating income for this operation in the previous year (2003)?		VALUE CODE 1114
<i>(Cash income from all farm sources minus production costs and depreciation. If negative net operating income, indicate a minus sign before the value code.)</i>		
18. Which value code represents the total off-farm income in the previous year (2003)?		VALUE CODE 1115
<i>(Wages, salaries, and tips before taxes, income from operating other farm, income from operating any other business. If negative off-farm income, indicate a minus sign (-) before the value code.)</i>		
19. Do you (principal operator) plan to retire from farm/ranch work within the next 5 years (or do you now consider yourself to be retired from farming/ranching)?	YES = 1	CODE 1116
		OFFICE USE 2002

SECTION N HOG SCREENING and INVENTORY

1. Regardless of ownership, what was the largest number of HOGS and PIGS on this operation at any time in 2004? HEAD
1501

[Enumerator Action: If item 1 shows---

- ◆ Less than 25 hogs and pigs – Go to **Conclusion on back page.**
- ◆ 25 or more hogs and pigs – *Continue.*

2. Were the following phases of hog production conducted on this operation in 2004?

		CODE
a. breeding and gestating?	YES = 1	1502
b. farrowing?	YES = 1	1503
c. nursery?	YES = 1	1504
d. growing/finishing?	YES = 1	1505

3. Under what type of production arrangement was hogs produced on this operation in 2004?

	Choose one	CODE
	1 PRODUCTION CONTRACT 2 INDEPENDENT 3 COOPERATIVE 4 MORE THAN ONE TYPE	1506

4. How many years has this operation been producing hogs under any type of production arrangement?

	YEARS
	1507

5. How many more years do you expect this operation will be producing hogs?

	YEARS
	1508

6. Now we need to ask about the number of hogs on hand January 1, 2004 and December 31, 2004.

	1	2	3
	How many head of [item] were---	BEGINNING OF YEAR --on hand January 1, 2004 HEAD	END OF YEAR --on hand December 31, 2004 HEAD
BREEDING	a. sows, gilts and young gilts bred and to be bred.	1509	1510
	b. boars and young males for breeding.	1511	1512
	c. cull breeding stock including sows, gilts, and boars.	1513	1514
MARKET	d. other hogs under 60 pounds.	1515	1516
	e. other hogs 60 – 119 pounds.	1517	1518
	f. other hogs 120 – 179 pounds.	1519	1520
	g. other hogs 180 pounds and over.	1521	1522

SECTION O PURCHASES, CONTRACT PLACEMENTS and DEATH LOSS

[ENUMERATOR INSTRUCTION: *If operation produced hogs under contract, complete columns 4 and 5. For all other hogs, complete columns 2, 3 and 5.*]

1. The next questions are on purchases and placements of hogs and pigs during 2004.

1	2 How many head of [column 1] were purchased during 2004? <i>[If none, go to column 4.]</i> HEAD	3 What was the total amount spent on these [column 2] hogs? DOLLARS	4 How many head of [column 1] were placed under contract on this operation in 2004? HEAD	5 What was the average weight per head of [column 1] purchased or placed under contract on this operation? POUNDS PER HEAD
a. bred or open gilts for breeding.....	1524	1525	1526	1527
b. sows.....	1528	1529	1530	1531
c. boars.....	1532	1533	1534	1535
d. nursery pigs.....	1536	1537	1538	1539
e. feeder pigs.....	1540	1541	1542	1543

2. How many gilts kept for breeding on this operation in 2004, were produced on this operation?.....

HEAD

1544

3. Were any litters farrowed on this operation in 2004?

YES - [Continue.] NO - [Go to item 4.]

a. what percent of sows and gilts were---

- (i) individually hand-mated by artificial insemination?.....
- (ii) individually mated using boars?.....
- (iii) pen-mated with multiple females and one or more boars?.....

PERCENT

1545	_____
1546	_____
1547	_____

100%

TOTAL LITTERS

1548

b. How many litters were farrowed on this operation in 2004?.....

$$\frac{\text{Sows Farrowed in 2004}}{\text{Sows Farrowed in 2004}} \times \frac{\text{Average Litters per Sow per Year}}{\text{Average Litters per Sow per Year}} = \frac{\text{TOTAL LITTERS}}{\text{TOTAL LITTERS}}$$

HEAD

1549

c. How many pigs WERE BORN from these litters? (Exclude stillborns and mummies.).....

$$\frac{\text{Litters Farrowed (item 3b)}}{\text{Litters Farrowed (item 3b)}} \times \frac{\text{Average Pigs Born per Litter}}{\text{Average Pigs Born per Litter}} = \frac{\text{TOTAL PIGS BORN}}{\text{TOTAL PIGS BORN}}$$

DAYS

1550

d. What was the average AGE of pigs at weaning?.....

POUNDS

1551

e. What was the average WEIGHT of pigs at weaning?.....

HEAD

1552

f. How many pigs died BEFORE they were weaned? (Exclude stillborns and mummies.).....

$$\frac{\text{Pigs Born (item 3c)}}{\text{Pigs Born (item 3c)}} \times \frac{\text{DEATH LOSS RATE}}{\text{DEATH LOSS RATE}} \div 100 = \frac{\text{TOTAL PIGS DIED}}{\text{TOTAL PIGS DIED}}$$

HEAD

4. **How many weaned pigs died in 2004 before they reached market weight?**
(*Include weaned pigs that died which were---
purchased, placed under contract, or born on this operation*).....

1553

$$\frac{\text{Pigs weaned, purchased, or placed}}{\text{DEATH LOSS RATE}} \times \frac{\text{ } \%}{100} = \frac{\text{TOTAL WEANED PIGS DIED}}{\text{ } }$$

HEAD

5. **How many breeding sows, boars, and replacement hogs died on this operation in 2004?**.....

1554

SECTION P SALES and CONTRACT REMOVALS

[ENUMERATOR INSTRUCTION: *If operation produced hogs under contract, complete columns 4 and 5. For all other hogs, complete columns 2, 3 and 5.*]

1. The next few questions are about sales and contract removals of hogs and pigs from this operation in 2004.

1	2 How many [column 1] did this operation sell (on open market or under a marketing contract) in 2004? (If none, go to column 4.) HEAD	3 what was the total amount received for sales of [column 2] (net marketing charges, etc.)? DOLLARS	4 How many [column 1] were removed from this operation under contract in 2004? HEAD	5 What was the average weight of the [column 4] sold/removed in 2004? POUNDS PER HEAD
a. bred and open gilts for breeding.....	1556	1557	1558	1559
b. sows for breeding.....	1560	1561	1562	1563
c. boars for breeding.....	1564	1565	1566	1567
d. cull sows.....	1568	1569	1570	1571
e. cull gilts originally intended for breeding.....	1572	1573	1574	1575
f. cull boars.....	1576	1577	1578	1579
g. nursery pigs.....	1580	1581	1582	1583
h. feeder pigs	1584	1585	1586	1587
i. market hogs.....	1588	1589	1590	1591

2. What was the *amount paid* for commissions, marketing charges, etc. for ALL hogs and pigs sold during 2004? *[Exclude transportation charges.]*.....

	DOLLARS & CENTS PER HEAD	OR	TOTAL DOLLARS
	1592		1593

3. *[If market hogs were reported in item 1 line i, ask---]* What percent of the market hogs were sold on a carcass merit basis?.....

	PERCENT
	1594

4. *[If hogs were removed under a production contract in item 1 column 4, ask--; else go to item 7]* What was the unit fee received for producing hogs under contract?.....

	DOLLARS & CENTS PER UNIT	UNIT CODES 1 = PIG SPACE 2 = HEAD 3 = POUND 4 = OTHER
	1595	1596

5. Did the contract specify a performance incentive?

YES – [Continue.] NO - [Go to item 6.]

DOLLARS & CENTS
PER UNIT

a. How much of the unit fee was paid as a performance incentive?
(report in same unit as item 4.)

1597

b. Was the performance incentive based on---
[Enter code for all that apply.]

CODE

(i) death loss?.....

YES = 1

1598

(ii) feed efficiency?.....

YES = 1

1599

(iii) cost of production.....

YES = 1

1600

(iv) other factor(s)?.....

YES = 1

1601

6. Did your production contract include a confidentiality clause?.....

YES = 1

1602

CONSEQUENCE CODES for ITEM 7

- 1 issued only a warning
- 2 buyer/contractor sends out representative
- 3 required to attend training courses
- 4 buyer/contractor reduces price/fee paid
- 5 buyer would not purchase hogs
- 6 contractor cancels or does not renew contract
- 7 hogs tested more frequently
- 8 other consequence
- 9 no consequence

So that we can understand if and how farmers are affected by growing concerns about food safety, please answer the following questions----

1	2	[If column 2 = 1, then ask columns 3 and 4]	
		3	4
7. Does the buyer of your hogs or your contractor (for either marketing or production contracts) require:	1 = YES 2 = DON'T KNOW 3 = NO	Are you receiving a premium (price or payment) for meeting this requirement? Yes = 1 2=DK 3 = NO	What is the consequence of not meeting the requirement? CODE
a. a Pork Quality Assurance, Level III (PQAIII) certification?.....	1603	1604	1605
b. your hogs to pass all USDA/FSIS residue tests? (e.g., the sulfa test).....	1606	1607	1608
c. your hogs to be raised without feeding antibiotics at any time?.....	1609	1610	1611
d. your hogs to be raised totally hormone free?.....	1612	1613	1614
e. you to feed exclusive vegetable feed sources?.....	1615	1616	1617
f. your hogs to pass a test for Salmonella?.....	1618	1619	1620
g. your hogs to pass a test for other pathogens that can cause human illness? (e.g., trichinosis or toxoplasmosis).....	1621	1622	1623
h. you to follow a Hazard Analysis and Critical Control Point (HACCP) program?.....	1624	1625	1626

SECTION Q HOG FEED

PURCHASED FEED TYPE CODES *Column 1*

- | | |
|-------------------------------------|--|
| 1 COMPLETE <i>COMMERCIAL</i> FEED | 11 OTHER FEED GRAINS |
| 2 COMPLETE <i>CUSTOM</i> FEED MIXES | 12 NON PROTEIN BY-PRODUCTS |
| 3 HIGH MOISTURE CORN (> 20%) | 13 SOYBEAN MEAL WITH COMMERCIAL PREMIX, MINTRATE |
| 4 LOW MOISTURE CORN | 14 SOYBEAN MEAL |
| 5 BARLEY | 15 PROTEIN BY-PRODUCTS |
| 6 HIGH MOISTURE SORGHUM/MILO (>20%) | 16 OTHER COMPLETE PROTEIN MIXES LYSINE, MEALS or SUPPLEMENTS |
| 7 LOW MOISTRUE SORGHUM/MILO | 17 OTHER VITAMIN or MINERAL SUPPLEMENTS |
| 9 WHEAT | 18 MILK REPLACER |
| 10 OATS | 19 MILK or MILK BY-PRODUCT |
| | 20 ANTIBIOTICS or OTHER MEDICATED ADDITIVES |

**FACILITY TYPE CODES
HOG FEED *column 6***

- 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 SHED
- 29 CLOSED SHED

1. Did you or the contractor(s) PURCHASE any feed for hogs on this operation in 2004?

- YES - [Continue.] NO - [Go to item 2.]

1 Which of these feeds were PURCHASED and fed to hogs on this operation in 2004? <small>[Show Purchased Feed Type Codes.]</small>		2 What was the total amount of <small>[column 1]</small> fed to hogs in 2004?	3 UNIT CODES 1 POUNDS 2 CWT 3 TONS 4 BUSHELS 12 GALLONS	4 What percent of this feed <small>[column 2]</small> was purchased by— <small>[Must add to 100%.]</small>		5 What was the total amount spent on all purchased feed? <small>[Include Operator and Contractor expenses.]</small>	6 What type of facility was most of this <small>[column 1]</small> feed stored in? <small>[Show Facility Type Codes.]</small>
NAME	CODE		CODE	--this operation? PERCENT	--the contractor? PERCENT	DOLLARS	CODES
	2101	2102	2103	2104	2105	2106	2107
	2108	2109	2110	2111	2112	2113	2114
	2115	2116	2117	2118	2119	2120	2121
	2122	2123	2124	2125	2126	2127	2128
	2129	2130	2131	2132	2133	2134	2135
	2136	2137	2138	2139	2140	2141	2142
	2143	2144	2145	2146	2147	2148	2149
	2150	2151	2152	2153	2154	2155	2156
	2157	2158	2159	2160	2161	2162	2163

HOME GROWN FEED TYPE CODES

Column 1

- 3 HIGH MOISTURE CORN (> 20%)
- 4 LOW MOISTURE CORN
- 5 BARLEY
- 6 HIGH MOISTURE SORGHUM/MILO (>20%)
- 7 LOW MOISTRUE SORGHUM/MILO
- 8 SOYBEANS
- 9 WHEAT
- 10 OATS
- 11 OTHER FEED GRAINS

FACILITY TYPE CODES

HOG FEED *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 SHED
- 29 CLOSED SHED

2. Was any HOMEGROWN feed fed to hogs on this operation in 2004?

- YES** - [Continue.] **NO** - [Go to **Section R.**]

1 What type of HOMEGROWN feed was fed? [Show Homegrown Feed Type Codes.]		2 What was the total amount of [column 1] fed to hogs in 2004?	3 UNIT CODES 1 POUNDS 2 CWT 3 TONS 4 BUSHEL 12 GALLONS	4 What type of facility was most of this [column 1] feed stored in? [Show Feed Facility Codes.]
NAME	CODE		CODE	CODE
	2164	2165	2166	2167
	2168	2169	2170	2171
	2172	2173	2174	2175
	2176	2177	2178	2179
	2180	2181	2182	2183
	2184	2185	2186	2187
	2188	2189	2190	2191
	2192	2193	2194	2195
	2196	2197	2198	2199

SECTION R HOG HOUSING

HOG FACILITY/BUILDING TYPE CODES <i>Column 2</i>	
1	CLOSED CONFINEMENT (<i>no outside access</i>)
2	OPEN CONFINEMENT (<i>with outside access</i>)
3	QUONSET
4	HOOP
5	LEAN-TO
6	SUN-SHADE
7	PORTABLE
8	INDIVIDUAL SOW FARROWING

FRAME TYPE CODES <i>Column 5</i>	
10	WOOD
11	MASONARY
12	STEEL
13	POLE
14	PRE-FABRICATED MATERIAL
15	OTHER

FLOOR TYPE CODES <i>Column 6</i>	
20	PARTLY SLOTTED
21	FULLY SLOTTED
22	SOLID CONCRETE
23	WIRE
24	WOOD
25	DIRT
26	OTHER

MANURE HANDLING CODES <i>Column 7</i>	
30	SHALLOW PIT (<i>less than 2 feet</i>)
31	DEEP PIT (<i>2 feet or more</i>)
32	FLUSH GUTTER - OPEN
33	FLUSH GUTTER - CLOSED
34	SCRAPE GUTTER - OPEN
35	SCRAPE GUTTER - CLOSED
36	NONE

1. Next I need some information about hog housing used on the operation.

1	2 What types of housing facilities/buildings were used for [column 1]? [Enter Facility Type codes.]	3 Was this [column 2] facility/building open-sided with doors or curtains to control ventilation?	4 How many of these facilities/buildings were used for [column 1]?	5 What type of frame did it have? [Enter Frame Type codes.]	6 What type of floor did it have? [Enter floor Type codes.]	7 What type of manure handling method was used in this [column 2] facility/building? [Enter Manure Handling codes.]	8 How many total head can ALL these facilities/buildings house at one time?	9 What is the average age of these facilities/buildings since last remodeled?
	CODE	YES = 1	NUMBER	CODE	CODE	CODE	HEAD	YEARS
a. gestating gilts and sows?	2005	2006	2007	2008	2009	2010	2011	2012
	2013	2014	2015	2016	2017	2018	2019	2020
	2021	2022	2023	2024	2025	2026	2027	2028
b. farrowing?	2029	2030	2031	2032	2033	2034	2035	2036
	2037	2038	2039	2040	2041	2042	2043	2044
	2045	2046	2047	2048	2049	2050	2051	2052
c. nursery pigs? ^{1/}	2053	2054	2055	2056	2057	2058	2059	2060
	2061	2062	2063	2064	2065	2066	2067	2068
	2069	2070	2071	2072	2073	2074	2075	2076
d. growing/finishing?	2077	2078	2079	2080	2081	2082	2083	2084
	2085	2086	2087	2088	2089	2090	2091	2092
	2093	2094	2095	2096	2097	2098	2099	2100

^{1/} If weaned pigs were kept in the farrowing crates/pens or were moved directly from the farrowing facility to the growing/finishing facility, don't record anything for nursery facilities.

SECTION S LAND USE for HOG PRODUCTION

ACRES

1. How many total acres of farm/ranch land were used for hog production?.....

1151	..
------	----

[Include pastures, hog lots, building sites, manure storage, etc.]
Exclude acres used to produce crops to feed to hogs and
acres to which hog manure was applied.]

SECTION T TECHNOLOGY USE in HOG PRODUCTION

Next I need some information about technology used on the operation.

GENETICS

1. Were sows or gilts bred on this operation?

- YES - [Continue.] NO - [Go to item 5.]

2. How would you characterize the breeding program used on this operation in 2004?

- | |
|-------------------------------|
| 1 Terminal crossbreeding |
| 2 Rotational crossbreeding |
| 3 Purebred (no crossbreeding) |
| 4 Other |

CODE

1628

NUMBER

1629

3. How many different hog breeds were used in your breeding program in 2004?

CODE

1630

4. Did most of the herd replacement gilts purchased in 2004 come from a commercial seed stock producer?

YES = 1

FEEDING

5. Were there any breeding animals (sows, gilts, boars) on this operation in 2004?

- YES - [Continue.] NO - [Go to item 6.]

a. Were the breeding animals (sows, gilts, boars) fed (in feed or water) antibiotics in 2004 for---

- (i) Growth promotion? YES = 1
- (ii) Disease prevention? YES = 1
- (iii) Disease treatment? YES = 1

1631

1632

1633

DAYS PER HEAD

b. [If fed for growth promotion or disease prevention, ask---] On average, how many days were the breeding animals fed antibiotics for growth promotion or disease prevention?

1634

6. Were there any nursery pigs on this operation in 2004?

- YES - [Continue.] NO - [Go to item 7.]

a. Were the nursery pigs fed (in feed or water) antibiotics in 2004 for?

- (i) Growth promotion? YES = 1
- (ii) Disease prevention? YES = 1
- (iii) Disease treatment? YES = 1

1635

1636

1637

DAYS PER HEAD

b. [If fed for growth promotion or disease prevention, ask---] On average, how many days were the nursery pigs fed antibiotics for growth promotion or disease prevention?

1638

7. **Were there any finishing hogs on this operation in 2004?**

YES - [Continue.] **NO** - [Go to item 8.]

a. Were the finishing hogs **fed** (*in feed or water*) antibiotics in 2004 for---?

(i) Growth promotion?.....	YES = 1	1639
(ii) Disease prevention?.....	YES = 1	1640
(iii) Disease treatment?.....	YES = 1	1641

DAYS PER HEAD

b. [If fed for growth promotion or disease prevention, ask---] On average, how many days were the finishing hogs fed antibiotics for growth promotion or disease prevention?.....	1642
---	------

CODE

8. Was split-sex feeding of any hogs or pigs practiced on this operation in 2004?	YES = 1	1643
--	---------	------

9. Was phase feeding of any hogs or pigs practiced on this operation in 2004?	YES = 1	1644
--	---------	------

NUMBER

10. How many different rations were any hogs or pigs fed on this operation in 2004?	1645
--	------

HOUSING

11. **Was an all-in/all-out (AIAO) system used in 2004 for the---**

CODE

a. farrowing facilities?.....	YES = 1	1646
b. nursery facilities?.....	YES = 1	1647
c. growing/finishing facilities?.....	YES = 1	1648

12. Was segregated early weaning (SEW) practiced on this operation during 2004?	YES = 1	1649
--	---------	------

SECTION U ORGANIZATION of the HOG OPERATION

1. Was this hog operation organized as part of a producer network, alliance, or cooperative in 2004?

YES - [Continue.] NO - [Go to item 2.]

If Yes, which of the following were involved with this organization?

a. information sharing?.....	YES = 1	1153
b. hog marketing?.....	YES = 1	1154
c. input purchasing?.....	YES = 1	1155
d. feed milling?.....	YES = 1	1156
e. access to genetics?.....	YES = 1	1157
f. breeding or gestation facilities?.....	YES = 1	1158
g. farrowing facilities?.....	YES = 1	1159
h. nursery facilities?.....	YES = 1	1160
i. growing/finishing facilities?.....	YES = 1	1161
2. Was this a certified organic hog operation in 2004?.....	YES = 1	1162

SECTION V VEHICLES, TRUCKS, and TRACTORS

Now I'm going to ask questions about all the *vehicles, trucks, and tractors* used for hog production on this operation in 2004.

Include ■ everything owned, rented, leased or borrowed and used for activities such as feed handling, manure handling and spreading, and hauling hogs.
Exclude ■ anything provided by custom operators, any vehicles, trucks, tractors used to produce feed for hogs.

VEHICLE USE

(Include farm use vehicles only.)

1. How many pick-ups, cars and sport utility vehicles were used for hog production in 2004?.....

[If any ask---]

NUMBER

1651

MILES

1652

PERCENT

1653

PERCENT

1654

a. How many total miles were all of these vehicles driven in 2004?.....

b. What percent of the miles (item 1a) was driven for farm use?.....

c. What percent of the miles driven for farm use (item 1b) was for hog production?.....

TRUCK USE

(Include trucks used for hauling hogs on or off this operation, hauling feed to this operation, and any other use associated with hog production; include trucks provided by contractors. Exclude pickups.)

1 What type of trucks were used for hog production in 2004? → TYPE OF AXLE	2 How many of these [column 1] were used for hog production in 2004? NUMBER	3 How many total miles were these trucks driven for HOG production for this operation in 2004? MILES
1 single axle trucks	1655	1656
2 tandem axle trucks	1657	1658
3 semis	1659	1660
4 other trucks	1661	1662

TRACTOR USE

(Include tractors used for feed processing, manure hauling, hauling hogs, and any other use associated with hog production; exclude tractors used only to produce hog feed.)

1 What types of tractors were used for hog production in 2004? → HORSEPOWER	2 How many of these were used for hog production in 2004? NUMBER	3 What percent of the total farm use was for HOG production for this operation in 2004? [Exclude use to produce feed such as field operations.] PERCENT
1 less than 100 HP	1663	1664
2 100-149 HP	1665	1666
3 150-199 HP	1667	1668
4 200 or more HP	1669	1670

SECTION W MACHINERY and EQUIPMENT

1. [Show *Machinery Codes* in Respondent Booklet.]

Were any of these machinery and equipment used on the hog operation in 2004, for handling feed, manure and for miscellaneous operations?

FEED HANDLING EQUIPMENT CODES		MANURE HANDLING EQUIPMENT CODES		OTHER MACHINES and EQUIPMENT CODES	
1	PORTABLE GRINDER MIXER	21	FRONT END LOADER	41	LIVESTOCK SCALES
2	STATIONARY GRINDER MIXER	22	SKID LOADER or SELF-PROPELLED LOADER	42	PORTABLE LOADING RAMP
3	FEED GRINDER	23	MANURE SPREADER (<i>solid</i>)	43	LIVESTOCK SPRAYER
4	FEED MIXER	24	LIQUID MANURE AGITATOR	44	STOCK TRAILER
5	PRE-MIXER	25	LIQUID MANURE PUMP	45	STOCK TRAILER-HYDRAULIC
6	ROLLER MILL	26	MANURE SPREADER (<i>liquid with injectors</i>)	46	EMERGENCY GENERATOR
7	HAMMER MILL	27	MANURE SPREADER (<i>liquid without injectors</i>)	47	ALARM SYSTEMS
8	SELF-UNLOADING WAGON	28	MANURE SPREADER (<i>irrigation system</i>)	48	PRESSURE WASHING EQUIPMENT
9	FEED CONVEYING SYSTEM (<i>chain, auger, etc.</i>)	29	SCRAPER BLADE	49	INCINERATOR
10	LIQUID FEEDING SYSTEM	30	FLUSH SYSTEM (<i>tank</i>)	50	HOLDING CRATE
11	FARM UTILITY WAGON	31	FLUSH SYSTEM (<i>high volume pump</i>)		
12	UPRIGHT SILO UNLOADER	32	AIR or WATER CIRCULATOR (<i>for aerobic system</i>)		
13	FEED TRUCK	33	ANAEROBIC DIGESTER (<i>for methane production/collection</i>)		

1 [List Machinery and Equipment] →	2 [Enter Machinery or Equipment Codes.] CODE	3 How many of these [column 1] were used for hog production? NUMBER	4 What percent of the [column 1] total farm use was for hog production? PERCENT
	1164	1165	1166 ____
	1167	1168	1169 ____
	1170	1171	1172 ____
	1173	1174	1175 ____
	1176	1177	1178 ____
	1179	1180	1181 ____
	1182	1183	1184 ____
	1185	1186	1187 ____
	1188	1189	1190 ____
	1191	1192	1193 ____
	1194	1195	1196 ____
	1197	1198	1199 ____

SECTION X HOG MANURE

1. What type of manure handling system was used to handle the majority of the hog manure on this operation in 2004?

- 1 Dry system (open lot, animals not confined to barn)
- 2 House flush system (usually flushed every 2-24 hours)
- 3 Pit recharge system (water added, shallow pits usually flushed every 2-7 days)
- 4 Pull-plug pit system (NO water added, usually drained every 2-4 weeks)
- 5 Deep-pit system (NO water added, usually drained every 2-6 months)

CODE
1672

STORAGE TYPE CODES---MANURE Column 1	
1	HOLDING POND (for storage, not anaerobic or aerobic digestion)
2	SINGLE STAGE LAGOON (for anaerobic or aerobic digestion)
3	TWO STAGE LAGOON (anaerobic or aerobic digestion in 1 st stage, storage in 2 nd stage)
4	MANURE PIT UNDER BUILDING
5	OTHER MANURE PITS (NOT under building)
6	SLURRY or MANURE TANK – Open
7	SLURRY or MANURE TANK - Closed

CONSTRUCTION MATERIAL CODES--- MANURE STORAGE Column 5	
8	CONCRETE
9	METAL
10	CLAY
11	SYNTHETICS (plastics, fiberglass, etc.)
12	WOOD
13	DIRT
14	OTHER, specify _____

If LAGOON STORAGE used, report material code for lining.

2. Does this operation have manure storage facilities?

- YES - [Continue.] NO - [Go to item 3.]

1 What type of manure storage facilities did this operation use in 2004? [Use Manure Storage Type Codes.]		2 How many of this type were used?	3 What is the total capacity of all [column 1]	4 UNIT CODE 3 TONS 12 GALLONS 16 CUBIC FEET 22 ACRE FEET	5 What is the storage facility made of? [Use Construction Material Codes.]	6 What is the average age of [column 1]?	7 On average, how many months can you go without having to remove manure from these facilities?
NAME	CODE	NUMBER		CODE	CODE	YEARS	MONTHS
	1673	1674	1675	1676	1677	1678	1679
	1680	1681	1682	1683	1684	1685	1686
	1687	1688	1689	1690	1691	1692	1693
	1694	1695	1696	1697	1698	1699	1700

3. On how many total acres was hog manure applied on this operation in 2004? [If zero acres of application, go to item 11.]

ACRES
1701

[Show crop codes in Respondent Booklet.]

a. What crop received the largest share of the hog manure applied on this operation? Specify crop _____

[Use code 999 for bermudagrass.]

CROP CODE
1702

b. How many acres of this crop received manure?

ACRES
1703

c. What was the yield of this crop on the acres receiving hog manure? (See unit codes, Section D, page 6)

UNITS PER ACRE & UNIT CODE
1704 1705

4. Was the hog manure from this operation tested for its nitrogen content?

CODE
1706

5. Was the hog manure from this operation tested for its phosphorus content?

1707

		CODE
<p>6. Was any commercial fertilizer applied to the same (item 3) acres (on this operation) on which hog manure was applied?.....</p>	<p>1 YES – Continue 3 NO – Go to item 8.</p>	<p>1708</p>
<p>7. Did this operation adjust commercial fertilizer application rates according to---</p> <p>a. the nitrogen available from the hog manure?..... YES = 1</p> <p>b. the phosphorus available from the hog manure?..... YES = 1</p>		<p>1709</p> <p>1710</p>
<p>8. In 2004, what percent of the hog manure handled on this operation was -- (exclude manure that was removed from this operation; exclude sediment removed from lagoons)</p> <p>a. applied to fields in solid form?.....</p> <p>b. applied to fields in liquid (from lagoon) form?.....</p> <p>c. applied to fields in slurry (from pit or slurry tank) form?.....</p> <p>d. not applied to fields?.....</p>		<p>PERCENT</p> <p>1711 _____</p> <p>1712 _____</p> <p>1713 _____</p> <p>1714 _____</p> <p style="text-align: center;">100%</p>
<p>9. [If manure applied to fields in solid form, ask---]What percent of the manure applied to fields in SOLID form was incorporated at application (within 24 hours)?.....</p>		<p>PERCENT</p> <p>1715 _____</p>
<p>10. [If manure applied to fields in slurry form, ask---]What percent of the manure applied to fields in SLURRY form was---</p> <p>a. injected at application?.....</p> <p>b. surface applied and not incorporated within 24 hours?.....</p> <p>c. surface applied and incorporated within 24 hours?.....</p>		<p>PERCENT</p> <p>1716 _____</p> <p>1717 _____</p> <p>1718 _____</p> <p style="text-align: center;">100%</p>
<p>11. Was any manure removed from this operation in 2004?</p> <p><input type="checkbox"/> YES - [Continue.] <input type="checkbox"/> NO - [Go to item 14.]</p>		
<p>12. What percent of the manure produced on this operation was removed from this operation? (Include hog manure sold, hauled off for a fee, or given away.).....</p>		<p>PERCENT</p> <p>1719</p>
<p>13. Of the manure removed from this operation, what percent (item 12) was---</p> <p>a. sold by this operation?..... +</p> <p style="padding-left: 40px;">(i) What is the total dollar amount received for these hog manure sales in 2004?.....</p> <p>b. hauled off this operation for a fee?..... +</p> <p style="padding-left: 40px;">(i) What was the total dollar amount paid to have this hog manure hauled off in 2004?.....</p> <p>c. given away free of charge?..... +</p>	<p>DOLLARS</p> <p style="border: 1px solid black; padding: 2px;">1721</p> <p>DOLLARS</p> <p style="border: 1px solid black; padding: 2px;">1723</p>	<p>PERCENT</p> <p>1720 _____</p> <p>1722 _____</p> <p>1724 _____</p> <p style="text-align: center;">a + b + c = 100%</p>

14. Were the following methods used by this operation for the control of odor?

- a. manure additives? YES = 1
- b. filter for barn ventilation? YES = 1

CODE

1725
1726

15. Were the following methods used by this operation to adjust the nutrient content of manure---

- a. microbial phytase to reduce phosphorus? YES = 1
- b. adjustments in the schedule of feed formulations (*phased by age, size, etc.*)? YES = 1
- c. other feed additives or formula adjustments? YES = 1

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16. Did this operation follow a certified nutrient management plan that conforms to agronomic standards?

- YES - [Continue.] NO - [Go to item 18.]

CODE

17. On what nutrient was the nutrient management plan based?

1	Nitrogen
2	Phosphorus
3	Other/Don't know

1730

18. Did this operation use a de-watering technology to reduce the water content of hog manure?

YES = 1

1731

19. Did this operation receive EQIP (*Environmental Quality Incentive Program*) payments related to hog production?

- YES - [Continue.] NO - [Go to **Conclusion** on back page.]

a. For what purpose did you receive these payments---

CODE

- (i) Animal facilities? YES = 1
- (ii) Manure handling and storage facilities? YES = 1
- (iii) Nutrient management plan (*development, testing, and record keeping*)? YES = 1
- (iv) Waste hauling? YES = 1
- (v) Waste application? YES = 1
- (vi) Other? YES = 1

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CONCLUSION

<p>2. Results from this survey will be published in July. Would you like to receive a copy? (Results will also be available on the Internet at http://www.usda.gov/nass/).....</p>	<p>CODE</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">0099</div>
<p>YES = 1</p>	

THANK YOU FOR YOUR TIME AND EFFORT!

<p>RESPONDENT</p> <p>3. Who was the primary respondent for most of the interview?.....</p> <p>Respondent's name [If code 3, or 4].....</p> <p>Phone..... ()</p>	<p>1 OPERATOR/MANAGER/PARTNER 2 SPOUSE 3 ACCOUNTANT/BOOKKEEPER 4 OTHER</p>	<p>CODE</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">0101</div>
<p>RECORDS USE</p> <p>4. Did respondent use farm/ranch records to report income and expenses?.....</p>	<p>1 All of the Time 2 Most of the Time 3 Some of the time 4 Almost Never 5 Never</p>	<p>CODE</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">0096</div>
<p>5. What records did the respondent refer to when reporting <i>most</i> of their income and expense data?.....</p>	<p>1 A General Ledger or Personal Record Book 2 Formal Farm Records Workbook or Account Book 3 Loose Receipts 4 Something Else 5 Computer or Computer Printout 6 Did not use records</p>	<p>CODE</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">0097</div>
<p>ENDING TIME[MILITARY] [please be precise.]</p> <p>DATE.....</p> <p>ENUMERATOR NAME.....</p>	<p>MILITARY TIME</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">0005</div> <p>____ _</p> <p>MM DD YY</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">0007</div> <p>____ _ 05</p> <p>ENUMERATOR ID</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">0098</div> <p>EVALUATION</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">0100</div>	