



**2008 AGRICULTURAL RESOURCE MANAGEMENT SURVEY
BIOENERGY
COSTS AND RETURNS REPORT**



NATIONAL AGRICULTURAL STATISTICS SERVICE

U.S. Department of Agriculture,
Rm 5030, South Building
1400 Independence Ave., S.W.
Washington, DC 20250-2000
Phone: 1-888-424-7828
Fax: 202-690-2090
Email: nass@nass.usda.gov



CONTACT RECORD

DATE	TIME	NOTES

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

0004 _ _ _ _

BEGINNING TIME [MILITARY]

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

TOTAL POINTS

OFFICE USE 0929

PARTNERS STRATUM

0925	0926	0927	0928	0009	0002
------	------	------	------	------	------

SECTION A LAND IN FARM / RANCH

Please report the 2008 farm/ranch land owned, rented, or used by you, your spouse, or by the partnership, corporation or organization for which you are reporting. (Include all cropland, idle land, CRP, pastureland, woodland, wasteland, farmstead, acres used for crop/livestock production facilities, and all other building sites associated with this operation, etc.)

ACRES OPERATED

NUMBER OF ACRES

0020

1. How many acres of farm/ranch land are OWNED? +

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

0021

a. for a fixed or flexible CASH RENT payment? +

b. 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

c. for FREE? +

0024

3. How many acres of farm/ranch land are rented or leased TO OTHERS?
(Include land rented out for cash, for a share of crop or livestock production, or rent free.) -

0025

TOTAL ACRES

4. Then the total acres operated were--- [Total 1 + 2a + 2b + 2c - 3] =

0026

5. How many acres did this operation use for pasturing or grazing of livestock on a per head or animal unit month (AUM) basis?
(Include Federal, State, railroad, Public School District, Indian Reservation, and private land.)

0027

6. Of the total acres in this operation (item 4), how many were:

ACRES

a. considered cropland? (Include land planted to hay and land in government programs. Exclude wild hay and CRP acres planted to trees) +

0030

b. covered under a federal crop insurance policy? +

0039

c. enrolled in the Conservation Reserve Program (CRP), Conservation Reserve Enhancement Program (CREP), or Wetland Reserve Program (WRP)? +

0028

d. used to raise certified organic crops? +

0041

ACRES

7. What is the total acreage of fields subject to conservation treatments under an Environmental Quality Incentive Program (EQIP) and/or Conservation Security Program (CSP) contract?
(Include acreage of fields/tracts where practices are applied (e.g., reduced tillage, terraces, and grassed waterways) and acreage of fields/tracts that are adjacent to field edge practices (such as filter strips, riparian buffers, or fences). In the case of manure handling facilities or equipment, include all land on and off the farm used for spreading of manure.)

0070

RENT PAID

DOLLARS

8. Including rent for land and/or buildings, what was the total CASH RENT PAID in 2008 by this operation?
(Include rent paid in 2008 for previous years or rent paid in advance. Exclude storage bins; to be reported in SECTION F, item 21. Exclude grazing of livestock, to be reported below.)

0044

DOLLARS

9. In 2008, what were the total usage fees this operation paid for the use of **publicly owned land** on an AUM basis? (*Include fees paid for privately owned land administered by a public agency through exchange-of-use.*)

0045

DOLLARS

10. In 2008, 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

DOLLARS

11. Including rent for land and/or buildings, what was the total CASH RENT RECEIVED in 2008 for acres cash rented TO others? (*Include land associated with rental livestock facilities and land leased to hunting clubs. Exclude grazing of livestock and allotment rental fees. These will be recorded later.*)

0042

12. For acres share rented to others, what was the total value of crop or livestock shares received in 2008 by this operation? (*Include government payments received from those acres.*)

0043

SECTION B ACREAGE and PRODUCTION

1. For 2008, report the acreage and quantity harvested, and amount used on this operation, on the total acres in this operation., Section A, item 4. (*Include* crops grown on a contract or custom basis. *Exclude* crops grown on land rented to others and cover crops if not harvested.)

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 or Greenchop.	0109	0110 Tons	0111 Tons
Cotton, all types.	0113	0114 Lbs.	
Peanuts.	0117	0118 Lbs.	
Potatoes, - report sweet potatoes in all other crops.	0121	0122 Cwt.	0123 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 Types, for Grain.	0153	0154 Bu.	0155 Bu.
DRY 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.	
Sugarcane or Sugarbeets.	0173	0174 Tons	0175 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 (<i>Include</i> Christmas trees.)	0181		
All Other Crops not listed above	0182		

2. What was the area grown for sale of nursery, floriculture, or greenhouse crops, including ornamental plants, flowers, mushrooms, aquatic plants, sod, food crops under protection, vegetable seeds, flower seeds, or other propagative materials?

SQUARE FEET
UNDER glass or
other protection?

0191

ACRES
in the
OPEN?

0192

3. For acres rented to this operation on a share basis in 2008, what was the estimated market value of your landlord's share of total crop production in 2008?

DOLLARS

0184

SECTION C LIVESTOCK

Please report the total numbers, including landlord's share, of livestock, poultry, and/or poultry products sold or removed from this operation during 2008, and the total inventory on December 31, 2008, regardless of ownership.
(Include both non-contract and contract sales.)

1	2	3	4
1. Did this operation have on hand or produce any [item] during 2008?	What was the total number [column 1] sold or removed in 2008?	On December 31, 2008, how many [column 1 regardless of ownership] were on hand?	On December 31, 2008, how many [column 3] were owned by this operation?
a. All cattle and calves?	0260	0261	0295
(i) Beef cows? (Include beef heifers that have calved.)	0254	0255	0256
(ii) Milk cows, both dry or in milk? (Include milk heifers that have calved.)	0257	0258	0259
(iii) Milk? (Report in cwt.)	0270		
b. All hogs and pigs?	0262	0263	0296
c. Chicken eggs? (Report in dozens)	0266		
d. Turkeys?	0268	0269	0298
e. Broilers?	0264	0265	0297
f. All other livestock and poultry? Specify type _____	0272	0273	0299

2. [If Share Rents from others and has livestock, ask ---]

For acres rented to this operation on a share basis in 2008, What was the estimated total market value of your landlord's share of livestock production?
(Exclude shared livestock production not part of a land rental arrangement.)

DOLLARS

0276

OTHER OPERATIONS GROWING LIVESTOCK FOR THIS OPERATION

3. Did any other operation(s) grow livestock or poultry for this operation under a contract arrangement in 2008 (you are the contractor)?

YES - [Enter code 1 and continue] NO - [Enter code 3, then go to Section D]

CODE

0271

DOLLARS

- a. What were your gross receipts from items sold or removed under these contracts?
- b. On December 31, 2008, what was the market value of unsold livestock or poultry remaining under these contracts?
- c. What was paid to contractees for production costs, including fees for services?

0050

0051

0052

SECTION D COMMODITY MARKETING and INCOME

MARKETING CONTRACTS

1. During 2008, did this operation have **MARKETING CONTRACTS** for any commodities it produced? (A marketing contract is a verbal or written agreement, reached before harvest of a crop or before completion of a livestock production stage, selling a price or pricing formula and market for the commodity. The operation usually owns the commodity prior to delivery.)

YES - [Enter code 1 and continue]

NO - [Enter code 3, then go to item 3]

CODE

0300

UNIT CODES for COLUMN 4			
1 POUND	5 BIN	9 DOZEN	20 BARREL
2 CWT	6 BOX	10 FLAT	21 KILOGRAM
3 TON	7 BALE	11 HEAD/BIRDS	22 ACRE
4 BUSHEL	8 CARTON	13 PLANT/POT	39 ANIMAL SPACE
			40 KILOGRAM

2. (If yes) Report the commodities sold in 2008 with marketing contract(s). List the quantities marketed and the final price received (**exclude** marketing charges and money received for any reimbursements for expenses. Expense reimbursements should be reported in Section F).

1 What commodities did this operation have MARKETING contracts for in 2008? [Write in commodities]	2 See commodity codes in respondent booklet Office use only CODE	3 What quantity of this commodity was marketed through this contract? (<u>Exclude</u> landlord's share) QUANTITY	4 Use unit codes above CODE	5 What was (will be) the FINAL PRICE RECEIVED per [column 4] unit by this operation for this commodity marketed under this contract? (<u>Exclude</u> marketing charges) DOLLARS & CENTS	6 What was the total dollar amount received in 2008 from this contract? 1/ (<u>Exclude</u> marketing charges) TOTAL DOLLARS
	0301	0304	0305	0306 . __	0307
	0316	0319	0320	0321 . __	0322
	0331	0334	0335	0336 . __	0337
	0346	0349	0350	0351 . __	0352
	0361	0364	0365	0366 . __	0367
	0376	0379	0380	0381 . __	0382

1/ Income received for commodities marketed under contract in previous years should be recorded in item 8a(i) on page 9.

PRODUCTION CONTRACTS AND CUSTOM FED LIVESTOCK

3. During 2008, did this operation have PRODUCTION CONTRACTS for any commodities it produced? (A production contract is a verbal or written agreement setting terms, conditions, and fees to be paid by the contractor to the operation for the production of crops, livestock, or poultry. The contractor usually owns the commodity and often provides inputs.)

CODE

0400

YES - [Enter code 1 and continue] NO - [Enter code 3, then go to item 3]

4. (If yes) Report in the table below the commodities with production contracts. Also list the quantities removed under these contracts and the final fee received (**exclude** marketing charges and money received to pay for production expenses. Expense reimbursements should be reported in Section F.)

1 What commodities did this operation have PRODUCTION contracts for in 2008? <i>[Write in commodities]</i>	2 See commodity codes in respondent booklet Office use only CODE	3 What quantity of this commodity was moved from the operation under this contract? <i>(Exclude landlord's share)</i> QUANTITY	4 Use unit codes on previous page CODE	5 What was (will be) the FINAL FEE RECEIVED per [column 4] unit by this operation for producing this commodity under this contract? <i>(Exclude marketing charges)</i> DOLLARS & CENTS	6 What was the TOTAL FEE RECEIVED in 2008 under this contract? <i>(Exclude marketing charges)</i> ^{1/} TOTAL DOLLARS
	0401	0404	0405	0406 _____	0407
	0416	0419	0420	0421 _____	0422
	0431	0434	0435	0436 _____	0437
	0446	0449	0450	0451 _____	0452

^{1/} Income received for commodities produced under contract in previous years should be recorded in item 8a(i) on page 9.

CASH or OPEN MARKET SALES

Exclude from Item 3---

- ▶ Marketing Contract sales (report in item 2)
- ▶ Production Contract removals (report in item 4)
- ▶ The landlord shares should be reported in Section B, Items 1 and 3, Section C, Item 2

CASH SALES

5. After subtracting marketing expenses, what was the total dollar amount this operation received in 2008 for cash or open market sales of each of the following crop and/or livestock commodities sold in 2008? (**Exclude** marketing contract sales, production contract removals, CCC sales, landlord's share of market value)

DOLLARS

a. Corn, rice, sorghum, soybeans, oats, barley, wheat (Include silage. Exclude sweet corn).	0501
b. Other grains and oilseeds, dry beans, and dry peas (flaxseed, other grain silage and forage, other grains and oilseeds, popcorn, sunflowers, etc.).	0502
c. Tobacco, cotton, and cottonseed.	0503
d. Vegetables, melons, potatoes, and sweet potatoes (beets, cabbage, cantaloupes, pumpkins, sweet corn, tomatoes, watermelons, vegetable seeds, etc).	0504
e. Fruit, tree nuts, berries (almonds, apples, blueberries, cherries, grapes, hazelnuts, kiwifruit, oranges, pears, pecans, strawberries, walnuts, etc).	0505
f. Nursery, greenhouse, cut Christmas trees, floriculture and sod (bedding plants, bulbs, cut flowers, flower seeds, foliage plants, mushrooms, nursery potted plants, shrubbery, etc).	0506
g. Other crops and hay, and short rotation woody crops (grass seed, hay and grass silage, hops, maple syrup, mint, peanuts, sugarcane, sugarbeets, etc).	0507
h. Hogs and pigs (Exclude breeding stock).	0508
i. Hog breeding stock.	0509
j. Milk and other dairy products from cows (before deduction of any hauling fees).	0510
k. Cattle and calves (fed cattle, beef and dairy cull animals, stockers and feeders, veal calves, etc. Exclude breeding stock).	0511
l. Cattle breeding stock.	0512
m. Poultry and eggs (broilers, chickens, turkeys, ducks, eggs, emus, geese, hatchlings, ostriches, pigeons, pheasants, quail, poultry products, etc).	0524
n. Other animals and other animal products: (sheep, goats, and their products (wool, mohair, goat milk, and cheese); horses, ponies, mules, burros, and donkeys; aquaculture; bees and honey; semen and embryo sales).	0517
6. What was the total amount received from straw and other crop residue sales (Exclude peanut hay sales)?	0527

7. **MARKETING CHARGES:** In 2008, how much was spent by this operation (operators, partners, landlords, and contractors) for marketing and storage expenses incurred by this operation? (*Include check-off, commissions, storage, inspection, ginnings, etc. Include marketing expenses for contract sales*)

1 OPERATOR(S) & PARTNER(S) DOLLARS	2 LANDLORD(S) DOLLARS	3 CONTRACTOR(S) DOLLARS
0868	0869	0870

8. **ACCOUNTS RECEIVABLE/DEFERRED PAYMENTS:** For each item below, report income received or the amount owed to the operation on the dates specified (*Include cash sales, marketing contract sales, and production contract removals*).

a. On January 1, 2008, what was the total dollar amount **owed** to this operation for all commodities produced, sold (cash or contract), and delivered **before** January 1, 2008?

DOLLARS

0885

(i) How much did this operation receive from item 2a during 2008?

0875

b. What was the total dollar amount owed to this operation on December 31, 2008 for all commodities produced, sold (cash or contract), delivered, or removed under contract in 2008 and earlier years?

0886

SECTION E OTHER FARM RELATED INCOME

1. In 2008, did this operation receive or repay any Commodity Credit Corporation (CCC) loans?

YES [Enter code 1 and continue] NO [Enter code 3 and go to tem 2]

0560

NONE DOLLARS

a. In 2008, how much was received for all commodities placed under CCC loan(s)? *(Include Austrian winter peas, barley, canola, rapeseed, corn, cotton, crambe, dry edible peas, flaxseed, honey, lentils, mohair, mustard seed, oats, peanuts, rice, safflower, sesame seed, small chickpeas, sorghum, soybeans, sunflower seed, and wheat.)*

0518

b. In 2008, what was the amount spent to repay CCC loan(s)?

0519

2. In 2008, did this operation receive any Federal, State, or Local Farm Program payments?

YES [Enter code 1 and continue] NO [Enter code 3 and go to item 3]

0563

NONE DOLLARS

a. In 2008, how much was received for direct and counter-cyclical payments? *(Include government payments received through a cooperative.)*

0525

NONE PERCENT of 2a

(i) direct

0520

%

(ii) counter-cyclical

0522

%

b. In 2008, how much was received in loan deficiency payments (LDPs), marketing loan gains, and for net value of commodity certificates? *(Include government payments received through a cooperative.)*

0529

c. In 2008, how much was received for CRP/CREP/WRP payments?

0477

d. In 2008, how much was received for EQIP/CSP payments?

0478

(i) Do you have a current EQIP or CSP contract? (Check yes if you have a current contract, regardless of whether you received a payment during 2008). ⁰⁵²/₆

¹ YES ³ NO

e. In 2008, how much was received for all other Federal, State, or Local program payments? *(Include disaster and market loss payments; peanut quota compensation payments; Milk Income Loss (MILC) contract payments; tobacco buyout payments, including lump sum payments; and other Federal, State or local programs. Exclude Federal Crop Insurance payments and other indemnity payments.)*

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? *(Include conservation or cost sharing payments.)*

0543

Section E continued on the next page

4. In 2008, what was the total income received by you (*the operator*) and all partners for---

DOLLARS

- a. Custom work, machine hire, and other agricultural services provided for farmers and others (**Exclude** if this is for a separate business)?
- c. Recreation and agri-tourism activities such as hunting, fishing, farm tours, hospitality services, petting zoos, etc.?
- e. Sales of farm machinery and vehicles (*farm share only*)?
- g. Federal crop or livestock insurance payments?
- i. Other income which is closely related to the agricultural operation?

0546
0548
0550
0552
0556

*(Exclude sales of farm machinery and vehicles. Include grazing of livestock, sales of forest products, patronage dividends and refunds from cooperatives, animal boarding, tobacco settlements, hedging profits and losses, insurance indemnity payments other than Federal Crop Insurance payments, sales of poultry litter, manure sales, State fuel tax refunds, tax refunds, the recognized gain or loss from sales of farmland and other farm real estate, sales of value added goods produced from your farm commodities such as jams, jellies, wine, cider, etc. if these are not part of a separate business. This may be a **negative (-)** number for losses.)*

CODE

5. Which code represents the largest portion of this operation's 2008 gross farm income? (*Enter code from the table below.*)

0047

Include:

- Sales of all crops, livestock, poultry and livestock products sold in 2008.
- The VALUE OF PRODUCT REMOVED for all crops, livestock, and poultry produced under contract in 2008.
- Sales of miscellaneous agricultural products in 2008.
- All government agricultural payments received in 2008.
- Landlord's share of government payments.

Farm Type	Code	Farm Type	Code
Grains, oilseeds, dry beans, and dry peas (corn, flaxseed, grain, silage and forage, grains and oilseeds for seeds, popcorn, rice, small grains, sorghum, soybeans, sunflowers, etc.)	01	Hogs and pigs	09
Tobacco	02	Milk and other dairy products from cows	10
Cotton and cottonseed	03	Cattle and calves (beef and dairy cattle for breeding stock, fed cattle, beef and dairy cull animals, stockers and feeders, veal calves, etc.)	11
Vegetables, melons, potatoes and sweet potatoes, (beets, cabbage, cantaloupes, pumpkins, sweet corn, tomatoes, watermelons, vegetable seeds, etc.)	04	Sheep, goats, and their products (wool, mohair, milk and cheese) . . .	12
Fruit, tree nuts and berries (almonds, blueberries, cherries, cranberries, grapes, apples, hazelnuts, kiwifruit, oranges, pears, pecans, strawberries, walnuts, etc.)	05	Equine (horses, ponies, mules, burros and donkeys)	13
Nursery, greenhouse, and floriculture (bedding plants, bulbs, cut flowers, flower seeds, foliage plants, mushrooms, nursery potted plants, shrubbery, sod, etc.)	06	Poultry and eggs (broilers, chickens, turkeys, ducks, eggs, emus, geese, hatchlings, ostriches, pigeons, pheasants, quail, poultry products, etc.)	14
Cut Christmas trees and short rotation woody crops	07	Aquaculture (catfish, trout, other finfish, shellfish, etc.)	15
Other crops and hay (grass seed, hay and grass silage straw, hops, maple syrup, mint, peanuts, sugarcane, sugarbeets, CRP, etc.)	08	Other animals and other animal products (bees, honey, rabbits, fur-bearing animals, semen, manure, other animal specialties, etc.)	16

SECTION F OPERATING and CAPITAL EXPENDITURES

In 2008, how much was spent for
(item) by [column]---

Include only expenses related to this operation.
Exclude expenses NOT related to the farm/ranch;
 expenses of performing custom work FOR others,
 if this is a separate business,
 expenses on land rented to others.

OPERATING EXPENSES

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

(**Include** technology or other fees, seed treatments, and seed cleaning cost.
Exclude items purchased for resale without additional growth.)

2. Fertilizer, lime and soil conditioners?
(**Include** cost of custom application and organic materials.)

3. Agricultural chemicals for crops, livestock,
poultry, and general farm use?
(**Include** biological pest controls and custom application costs.)

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, goats, 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.)

7. Bedding and litter for livestock?

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, performance testing,
pregnancy testing, seining, sheep shearing, etc.)

1 OPERATOR(S) & PARTNER(S) DOLLARS	2 LANDLORD(S) DOLLARS	3 CONTRACTOR(S) DOLLARS
0600	0601	0602
DOLLARS	DOLLARS	DOLLARS
0606	0607	0608
0612	0613	0614
DOLLARS	DOLLARS	DOLLARS
0621	0622	0623
0624	0625	0626
0627	0628	0629
0630	0631	0632
0633	0634	0635
0636	0637	0638
0639	0640	0641
0642	0643	0644

Section F continued on the next page

9. Purchases for the farm business of--

- a. Diesel fuel? (**Include** biodiesel.)
- b. Gasoline and gasahol (**Include** ethanol blends)?
- c. Natural gas?
- d. LP gas (*propane, butane*)?
- e. Oils and lubricants? (**Include** grease, hydraulic fluids, motor oils, transmission fluids, etc.)
- f. All other fuel? (**Include** coal, fuel oil, kerosene, wood, etc.)

DOLLARS	DOLLARS	DOLLARS
0645	0646	0647
0648	0649	0650
0651	0652	0653
0654	0655	0656
0657	0658	0659
0660	0661	0662

10. Electricity for the farm business?

DOLLARS	DOLLARS	DOLLARS
0675	0676	0677

11. Purchased water for irrigation from off-farm suppliers? (**Include** irrigation assessments and fees.)

DOLLARS	DOLLARS	DOLLARS
0696	0697	0698

12. All other utilities? – such as the farm share of telephone service, water purchased other than for irrigation, Internet access, etc.

0872	0873	0874
------	------	------

13. Farm supplies, marketing containers, hand tools and farm shop power equipment?
(Include expenses for temporary fencing.
Exclude expenses for bedding/litter and permanent fencing.)

DOLLARS	DOLLARS	DOLLARS
0702	0703	0704

Section F continued on the next page

In 2008, how much was spent for
(item) by [column]---

1 OPERATOR(S) & PARTNER(S) DOLLARS	2 LANDLORD(S) DOLLARS	3 CONTRACTOR(S) DOLLARS
0708	0709	0710

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
Exclude irrigation equipment and pump repairs.)

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, irrigation equipment and pump repairs and facilities.
Exclude any **new** construction or remodeling.)

0714	0715	0716
------	------	------

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.)

0726

DOLLARS	DOLLARS	DOLLARS
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's dwelling, if owned by the operation. **Exclude** health insurance (reported in SECTION F, Item 25 or SECTION J, Item 17 and other payroll insurance items.)

DOLLARS	DOLLARS	DOLLARS
0732	0733	0734

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

18. Interest and fees paid on---
a. Debts secured by real estate?
(**Include** interest paid on the operator's dwelling, if owned by the operation.)

DOLLARS	DOLLARS
0738	0739
0741	0742

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

19. Property taxes paid on---
a. Real estate? (**Include** real estate taxes on operator dwelling, if owned by the operation.)

0744	0745	0746
0747	0748	0749

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

SECTION F continued on next page.

In 2008, how much was spent for (item) by [column]---

1 OPERATOR(S) & PARTNER(S) DOLLARS	2 LANDLORD(S) DOLLARS	3 CONTRACTOR(S) DOLLARS
---	---------------------------------	-----------------------------------

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

0750	0751	
0753	0754	

21. Vehicle registration and licensing fees?

22. Depreciation expense claimed by this operation in 2008 for all capital assets? (If partnership, include amounts claimed by all partners in this operation. **Estimate from 2007 if necessary**.)

0756		
0757		

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

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

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)

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

a. You (the principal operator)?

b. Your (the operator's) spouse? (Even if your spouse is an operator, **include** his/her wages here).

c. Other members of your (the operator's) household? (Even if your other household members are operators, **include** their wages here).

d. Other operators (outside the operator's household)? (Those persons responsible for the day-to-day management decisions for this operation).

e. All other paid farm and ranch labor?

25. Payroll taxes and benefits for paid labor?

DOLLARS DOLLARS DOLLARS

(**Include** employer's share of Social Security and unemployment taxes, health insurance, pension or retirement plans, Workers Compensation, etc. Also **include** any amounts the farm paid for farm workers that are part of your (the operator's) household.)

0776	0777	0778
------	------	------

26. Contract labor? (**Include** expenses for labor, such as harvesting of fruit, vegetables, berries, etc. performed on a contract basis by a contractor, crew leader, cooperative, etc. **Exclude** contract work for building construction, repairs, or farm improvements, and payments to other operations that fed/raised livestock under contract FOR this operation.)

0782	0783	0784
------	------	------

27. Custom work such as---

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

DOLLARS DOLLARS DOLLARS

a. Hauling —Include all custom grain, livestock, milk, manure, and other custom hauling?

0788	0789	0790
------	------	------

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.)

0791	0792	0793
------	------	------

In 2008, how much was spent for
(item) by [column]---

1 OPERATOR(S) & PARTNER(S) DOLLARS	2 LANDLORD(S) DOLLARS	3 CONTRACTOR(S) DOLLARS
---	-----------------------------	-------------------------------

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 percentage of crops, calves, etc., exclude operator payments or draws.]

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?

DOLLARS 0798

(Include meat, poultry, other livestock and livestock products, berries, firewood, fruits, and vegetables, etc. Exclude home gardens, unless expenses were recorded previously. Also, exclude partner payments or draws.)

30. What was the market value of commodities produced and used on this operation for home consumption?

DOLLARS 0799

(Exclude any commodities provided as payment to household members for farm work reported in item 28.)

31. Fees paid to purchase professional or farm management services such as record keeping, tax preparation, or planning?

0801

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

32. General Business Expenses?

0804	0805	0806
------	------	------

CAPITAL EXPENSES

33. Improvements on land such as land preparation, irrigation improvements, well drilling, ponds, feedlots, trench silos, lagoons, new fences, etc?

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

(Exclude moveable equipment.)

34. New construction and remodeling of dwellings (excluding the operator's dwelling), barns, buildings, hog houses, poultry houses, milk barns, storage facilities, sheds, silos, etc.?

DOLLARS 0810	DOLLARS 0811	DOLLARS 0812
-----------------	-----------------	-----------------

(Exclude repairs and maintenance.)

35. New construction or remodeling of the operator's dwelling, if owned by the operation?

DOLLARS 0813

36. Cars – Include new or used.

DOLLARS 0816

a. What percent of (item 36) was the farm's share?

PERCENT 0817

37. Trucks – **Include** new or used trucks, pickups, sport utility vehicles, vans, campers and buses?..... 0818

PERCENT

a. What percentage of this was the Farm's Share?..... 0819

DOLLARS

38. Tractors – **Include** new or used?..... 0820

39. Self-propelled equipment including implements and self-propelled equipment for livestock, dairy, or poultry production?..... 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

42. Purchase of farmland and other farm real estate to add to this operation..... 0803

DOLLARS

43. All other capital expenditures? *(Include all other capital expenditures which were placed on a depreciation schedule.)*..... 0824

Specify: _____

OPERATOR(S) & PARTNER(S)

LANDLORD(S)

CONTRACTOR(S)

DOLLARS

DOLLARS

DOLLARS

44. What other expenses did this operation have in 2008 that I have not recorded? <i>[List each expense item and amount]</i>	0825	0826	0827
--	------	------	------

SECTION G FARM ASSETS

1. In order to correctly estimate the financial position of farms we need to obtain the MARKET VALUE of the following assets OWNED by this operation on December 31, 2008? *(Include owned assets on rented land.)*

DOLLARS

a. Farm Operator's Dwelling, if owned by the operation? <i>(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).</i>	0850
b. All other Dwellings?	0851
c. All other Farm Buildings and Structures? <i>(Include barns, cribs, grain bins, greenhouses, silos, storage sheds, etc.)</i>	0852
d. Orchard trees and vines, and trees grown for woody crops?	0853
e. Land? <i>(Include land rented to others. Exclude houses, buildings, orchard trees and vines, and trees grown for woody crops.)</i>	0854
2. What is the estimated market value of the land and buildings on the acres rented or leased FROM OTHERS on December 31, 2008? <i>(Reported in Section A, items 2a, 2b, and 2c).</i>	0855
3. What is the estimated market value of the land and buildings on the acres rented or leased TO OTHERS on December 31, 2008? <i>(Reported in Section A, item 3).</i>	0857
4. What is your best estimate of the current FAIR MARKET VALUE of this entire farm business if sold as a complete unit to be used for any purpose?	0815

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

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

	Beginning of year	End of year
	JAN. 1, 2008? DOLLARS	DEC. 31, 2008? DOLLARS
a. Crops owned and stored on or off this operation on--- <i>(Include crops stored at co-op or gin warehouse, specialty crops, fruit storage, hay silage, and nursery and greenhouse products not in the ground. Exclude crops under CCC loans.)</i>	0888	0889
b. Breeding livestock owned by and located on or off this operation on--- <i>(Exclude livestock being produced under contract on another operation.)</i>	0863	0864
c. Non-breeding livestock owned by and located on or off this operation on--- <i>(Include aquaculture, bees, cattle, equine, hogs, mink, poultry, sheep, etc. Exclude livestock being produced under contract on another operation.)</i>	0876	0877
d. Production inputs owned by this operation such as feed, fertilizer, chemicals, fuels, parts, purchased seed and other supplies, etc. on--	0878	0879
e. Production inputs already used for cover crops or crops not yet harvested, (also known as <i>sunk costs</i>) on---	0880	0881
f. Trucks and cars owned by the operation on--- <i>(farm share only)</i>		0882
g. Tractors, machinery, tools, equipment and implements owned by the operation on--		0883
h. Stocks in farm cooperatives and the Farm Credit System on---		0884

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

6. On December 31, 2008, what was the value of all other farm assets? *(Include money owed to this operation (except money owed from commodity sales), cash certificates of deposit, savings and checking accounts, hedging account balances, government payments due, balance of land contract sales, any other farm assets not reported earlier. Exclude any personal debt owed to the operator(s)).*

END OF YEAR
VALUE CODE

0887

SECTION H FARM DEBT

DOLLARS

1. What was the total amount of all production loans taken out and repaid in 2008? (*Include seasonal production and equipment loans.*)

0890

2. Did this operation owe money to any banks, co-ops, individuals, merchants, or federal agencies on December 31, 2008? (*Exclude CCC commodity loans.*)

YES – [Enter code 1 and continue] NO [Enter code 3 and go to Section I]

1058

3. For each type of loan, what was the balance owed, average interest rate, and percent for farm use? (*Include farm/ranch loans, and debt on the operator's house if owned by the operation. Exclude any loans for non-farm purposes that are secured by assets of the farm/ranch.*)

1 What was the balance owed on Dec. 31, 2008? DOLLARS	2 What was the average interest rate of this debt? PERCENT	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

4. How much of the debt owed on December 31, 2008 was for the operator's dwelling? (*If the operator's dwelling is owned by the operation, debt should be included here and above.*)

1057

OFFICE USE

0999

SECTION I FARM MANAGEMENT and USE OF TIME

1. Is more than 50% of the ownership interest in this operation held by you (*the principal operator*) and/or persons related to you by blood or marriage, including relatives not residing in your household? (*Ownership interest is defined as partners, corporate shareholders, and members of a Limited Liability Company. Ownership interest DOES NOT INCLUDE landlords, contractors, and lenders*)

YES – [Enter code 1]

NO – [Enter code 3]

CODE

1249

2. How many owners of this operation are there? (**Exclude** landlords, contractors, and lending institutions holding farm debt. **Include** yourself if you have an ownership interest).

NUMBER

1246

a. What percent of the ownership interest did you (the operator) and your household hold? (**Exclude** relatives not living in your household).

PERCENT

1248

3. Is this operation organized as a Limited Liability Company (LLC) under State law?

YES – [Enter code 1]

NO – [Enter code 3]

CODE

1202

4. In 2008, what was this operation's legal status for tax purposes?)

- 1 Family or Individual operation? (Exclude partnerships and corporations)
- 2 A legal partnership operation? (Include family partnerships)
- 3 C - Corporation?
- 4 S - Corporation?
- 5 Other? (such as estate or trust, prison farm, grazing association, American Indian Reservations, etc.)

CODE

1240

[ENUMERATOR NOTE: If item 4 = code 2, continue, else go to item 7.]

[If operation is a legal partnership]

5. Is this partnership registered under State law?

YES – [Enter code 1 and continue]

NO – [Enter code 3, then go to item 7]

CODE

1204

6. How many partners are there in this operation?

1232

7. In 2008, 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. **Exclude** hired workers unless they are a hired manager or a family member.)

CODE

1200

Please answer the following questions for up to three primary operators of this operation as of December 31, 2008. If one of the operator's is a spouse, record his/her information in operator 2

	PRINCIPAL OPERATOR	OPERATOR 2	OPERATOR 3	
	AGE	AGE	AGE	
8. What was the age of operator(s) on December 31, 2008?	1242	1262	1282	
	YEAR	YEAR	YEAR	
9. In what year did the operator(s) begin to operate any farm operation?	1241	1261	1281	
10. What is the gender of operator(s)?	1243	1263	1283	
<input type="checkbox"/> 1 Male <input type="checkbox"/> 2 Female				
11. Does the principal operator have a spouse?			CODE	
<input type="checkbox"/> YES – [Enter code 1] <input type="checkbox"/> NO – [Enter code 3, then go to item 13].			1205	
12. If the principal operator has a spouse, does the principal operator's spouse make day-to-day decisions for this farm/ranch?				
<input type="checkbox"/> YES – [Enter code 1] <input type="checkbox"/> NO – [Enter code 3].			1209	
13. Are you a hired manager for this operation?				
<input type="checkbox"/> YES – [Enter code 1] <input type="checkbox"/> NO – [Enter code 3].			0995	
	1 st Quarter January, February, March, 2008	2 nd Quarter April, May, June, 2008	3 rd Quarter July, August, September, 2008	4 th Quarter October, November, December, 2008
14. On average, for each of the three month periods during 2008, about how many paid and unpaid hours (work and management time) per week did ---	HOURS/WEEK	HOURS/WEEK	HOURS/WEEK	HOURS/WEEK
a. you (the principal operator) work for this operation?	0828	0829	0830	0831
b. your spouse (the principal operator's) work for this operation? (Even if your spouse is an operator, include his/her hours here.)	0832	0833	0834	0835
c. other operators (those persons responsible for the day-to-day management decisions for this operation) work for this operation?	0836	0837	0838	0839
d. unpaid workers (such as non-operator partners, family members, etc.) work for this operation?	0840	0841	0842	0843
15. On average, how many workers (excluding operators) were on this operation during 2008?	Number	Number	Number	Number
a. Average number of unpaid workers. . . .	1083	1084	1085	1086
b. Average number of paid workers.	1087	1088	1089	1090

OFFICE USE

2001

SECTION J FARM HOUSEHOLD

[ENUMERATOR NOTE: *If the principal operator has a spouse, (SECTION I, Item 11), please answer for both the principal operator and his/her spouse.*]

1. Is the (*principal operator and principal operator's spouse*) of Spanish, Hispanic, or Latino origin or background, such as Mexican, Cuban, or Puerto Rican, regardless of race?

YES – [Enter code 1] NO – [Enter code 3]

OPERATOR	SPOUSE
1219	1220

ENTER CODE 1 FOR ALL THAT APPLY

2. Which of these do you and your spouse (*the principal operator and principal operator's spouse*) consider yourself? Are you---

American Indian or Alaska Native? (<i>Specify tribe _____</i>)
Asian?
Black or African American?
Native Hawaiian or Other Pacific Islander?
White?

OPERATOR	SPOUSE
1213	1214
1215	1216
1217	1218
1221	1222
1223	1224

3. What is the highest level of formal education achieved by the principal operator and the principal operator's spouse?

1	Less than high school diploma
2	High school
3	Some college (Include associates degree)
4	4 year college graduate and beyond

OPERATOR	SPOUSE
1257	1260

4. In 2008, what was the primary occupation of the principal operator and the principal operator's spouse?

1	Farm or ranch work
2	Work other than farming or ranching
3	Currently not in the paid workforce

OPERATOR	SPOUSE
1207	1208

5. Regarding retirement from farming, do you (*the principal operator*) consider yourself to be retired now?

YES – [Enter code 1] NO – [Enter code 3]

CODE
1259

6. How many persons lived in the principal operator's household on December 31, 2008? (*Include operator, spouse, children, and others living in operator's household.*)

NUMBER
1227

7. Did the principal operator receive pay for off-farm/ranch work or operate an off-farm business during 2008?

YES – [Enter code 1 and continue] NO – [Enter code 3 then go to item 8]

0931

a. How many weeks did the operator work off this farm/ranch for pay in 2008?

WEEKS
0933

b. During those weeks, how many hours per week did the operator usually work off this farm/ranch for pay in 2008?

HOURS PER WEEK
0935

8. Did the principal operator's spouse receive pay for off-farm/ranch work or operate an off-farm business during 2008?

YES – [Enter code 1 and continue] NO – [Enter code 3 then go to item 9]

0932

WEEKS

a. How many weeks did the principal operator's spouse work off this farm/ranch for pay in 2008?

0934

HOURS PER WEEK

b. During those weeks, how many hours per week did the principal operator's spouse usually work off this farm/ranch for pay in 2008?

0936

NUMBER

9. In 2008, how many household(s), not including yours, shared in the net farm income of this operation?

0976

ENUMERATOR NOTE: If item 9 is 0, continue with item 9b.

a. For all operations except a C-Corporation, what percent of the net income were you (the operator) and your household entitled to receive from this farming operation? *(If an LLC that elected to report income as a pass through, include the LLC's net income.)*

0974	%
------	---

VALUE CODE
(From list on following page)

b. **(Answer this question ONLY if the operation is a C-Corporation or an LLC that elected to file as a C-Corporation)** What value code represents the corporate dividends you (the operator) and your household received from this farming operation? *(See Value Code list on next page.)* *(If an LLC that elected to file as a C Corporation, include these dividends as income.)*

0975	
------	--

Section J continued on the next page

10. Which value code represents the cash income the principal operator, spouse, and all other household members received in 2008 from—
(Exclude farm income reported earlier.)

SOURCE	TOTAL HOUSEHOLD INCOME FROM VALUE CODE	OPERATOR VALUE CODE	SPOUSE VALUE CODE
a. All off-farm wages, salaries, and tips before taxes and withholdings?	0952	0950	0951
b. Net cash income from operating another farm or ranch (net of depreciation)? <i>(can be negative (-) if a loss was incurred)</i>	0957	0955	0956
c. Net cash income from operating any other business (net of depreciation)? <i>(can be negative (-) if a loss was incurred)</i>	0960	0958	0959
d. Net cash income from cash or share-renting land from other operations to others? (Exclude land rented from this operation.)	0963		
e. Interest income?	0969		
f. Dividend income?	0966		
g. Total proceeds from the sale of farm and non-farm capital assets? (Include operator household's share only.)	0978		
h. Income from private pensions and private disability?	0939		
i. Income from public sources? (Include Social Security, military and other public retirement, veteran's benefits, public disability, unemployment, or other public assistance.)	0998		

j. Other off-farm sources?	0993	
----------------------------	------	--

11. Which value code represents the total amount spent on household and family living expenses in 2008? (Include food, including dining out; rent, utilities and other household expenses; non-farm transportation costs; out of pocket health and medical expenses, including insurance; contributions to insurance and retirement plans; contributions to individuals outside of the household, including alimony and child support; clothing, house furnishings, education and child care, charity donations, and entertainment).....

VALUE CODE

1111

12. Which value code represents the total amount of off-farm assets owned by the principal operator and members of the operator's household on December 31, 2008? (Include cash, checking, savings, retirement accounts, corporate stock, certificates of deposit, real estate not part of the farm and all other non-farm assets. Exclude farm assets reported earlier.).....

0994

13. Which value code represents the total amount of all non-farm debt owed on December 31, 2008, by the principal operator and members of the operator's household associated with the non-farm assets reported above? (Exclude farm debt reported earlier.).....

1103

14. Which value Code represents the total value of farm sales in the PREVIOUS YEAR (2007)?.....

1113

15. Which value code represents the net operating income for this operation in the PREVIOUS YEAR (2007)?.....

1114

16. Which value code represents the total off-farm income in the PREVIOUS YEAR (2007) (Wages, salaries, and tips before taxes, other income.).....

1115

17. If 10(f) is greater than 1, were dividends earned from firms that produced ethanol?

CODE

YES [Enter code 1] NO [Enter code 3].....

1122

DOLLARS

a. If you earned dividends from firms that produced ethanol, what was the amount of these dividends?.....

1123

18. Have you invested in other ethanol or off-farm bioenergy operations that have not earned dividends?.....

CODE

YES [Enter code 1] NO [Enter code 3].....

1124

19. Are you considering investing in a methane digester for your farm operation?

YES [Enter code 1] NO [Enter code 3].....

1125

2002

SECTION L IRRIGATION

1. Did you irrigate any cropland, alfalfa, other hay, or pastureland on this farm in 2008?

CODE

YES [Enter code 1 and continue] NO [Enter code 3, then go to SECTION M].

1740

[ENUMERATOR INSTRUCTION: Refer back to Section B, page 4. For each crop harvested during 2008 (SECTION B, Items 1 and 2), determine if it was irrigated (column 1, table below). Complete the remaining columns for each irrigated crop noted in column 1 below.]

2. Now I need you to identify acres irrigated, yield, irrigation system, water application rate, and water source used for each commodity irrigated on this farm in 2008.
(**Include** land irrigated for alfalfa, other hay, and pastureland.)

PRESSURE SYSTEMS	GRAVITY SYSTEMS
1 = Hand-move	10 = Siphon-Tube System [from unlined ditches]
2 = Solid or Permanent set	11 = Siphon-Tube System [from lined ditches]
3 = Side Roll or Wheel Line	12 = Portal- or Ditch-Gate System [from unlined ditches]
4 = Center Pivot or Linear Move [with sprinklers on main line]	13 = Portal- or Ditch-Gate System [from lined ditches]
5 = Center Pivot or Linear Move [with sprinklers below main line, but more than 2 feet above ground]	14 = Poly-Pipe System
6 = Center Pivot or Linear Move [with sprinklers less than 2 feet above ground]	15 = Gated-Pipe [not poly-pipe]
7 = Big Gun	16 = Improved Gated Pipe [surge flow or cablegation, not poly pipe]
8 = Low-Flow irrigation [drip, trickle, or micro sprinkler systems]	17 = Subirrigation
9 = Other Pressure System (specify type: _____)	18 = Open Discharge from well or pump
	19 = Other Gravity System (specify type: _____)

1	2	3	4	5	6	7	8	9
What crops were irrigated on this farm in 2008?	OFFICE USE	How many harvested acres of [commodity] were irrigated?	On the irrigated acres harvested, what was the average yield per acre for [commodity]?	UNIT CODE 1 – POUNDS 2 – CWT 3 – TONS 4 – BUSHELS 7 - BALE	What is the primary irrigation system type for [commodity]? [See irrigation system codes above.]	What was the average acre-inches of water applied per acre for the growing season for [commodity]?	What percent of [commodity] acres were irrigated using surface water?	What percent of [commodity] acres were irrigated using surface water purchased from off-farm water suppliers? 1/ [Off-farm water suppliers are defined below.]
CROPS IRRIGATED	CROP CODE	HARVESTED ACRES	YIELD	UNIT CODE	SYSTEM CODE	ACRES-INCHES PER ACRE	PERCENT	PERCENT
Crop 1	1741	1742	1743 _____	1744	1745	1746	1747	1748
Crop 2	1749	1750	1751 _____	1752	1753	1754	1755	1756
Crop 3	1757	1758	1759 _____	1760	1761	1762	1763	1764
Crop 4	1765	1766	1767 _____	1768	1769	1770	1771	1772
Crop 5	1773	1774	1775 _____	1776	1777	1778	1779	1780
ALFALFA		1782	1783 _____	1784	1785	1786	1787	1788
OTHER HAY		1790	1791 _____	1792	1793	1794	1795	1796
PASTURELAND		1798			1801	1802	1803	1804

1/ Off-farm water suppliers may include water purchased from the U.S. Bureau of Reclamation; an irrigation district; mutual, private, cooperative, or neighborhood ditches; commercial or municipal water systems.

3. How many irrigation wells were used on this farm in 2008?..... NUMBER
1805
[If zero, go to item 6.]
4. In 2008, how many wells on this farm used backflow prevention devices?..... 1806
[If zero, go to item 5.]
- ACRES
- a. How many acres were irrigated using water from these (item 4) wells?..... 1807
5. In 2008, how many wells on this farm used water meter or water flow measurement devices?..... NUMBER
1808
[If zero, go to item 6.]
- ACRES
- a. How many acres were irrigated using water from these (item 5) wells?..... 1809
6. In 2008, how many acres was irrigation used-- ACRES
- a. to apply chemical fertilizers?..... 1810
- b. to apply pesticides?..... 1811
- c. to remove (leach) salts from the soil?..... 1812
- d. to conduct land disposal of liquid livestock waste?..... 1813
- e. for crop cooling or freeze protection?..... 1814

1	2	3
How familiar are you with --- WATER MANAGEMENT TECHNIQUE	MANAGEMENT PRACTICE CODE [Enter code from above.]	[If code = 6, ask--] How many acres were irrigated using this technique in 2008? ACRES
f. Commercial scheduling services or computer simulation models to schedule irrigation-water applications?.....	1815	1816
g. On-farm irrigation scheduling techniques using soil-moisture sensing devices (such as neutron probes, tensiometers, and soil moisture blocks)?.....	1817	1818
h. On-farm use of special furrowing techniques (such as furrow diking, spread beds, and compact furrowing) to control field-level water distributions and to reduce water losses?.....	1819	1820

7. During 2008, did you make improvements, such as upgrades or new equipment (not maintenance), to existing irrigation systems on this farm?
- YES [Enter code 1 and continue] NO [Enter code 3, then go to item 8]...... CODE
1821
- ACRES
- a. In 2008, how many of this farm's acres were irrigated using these improvements?..... 1822

8. In the past five years, has anyone made an offer to purchase water or water rights from this farm operation?

CODE

YES [Enter code 1 and continue] NO [Enter code 3, then go to item 10].

1823

a. What was the purchaser's intended use for the water?

- | |
|--|
| 1 Agricultural Use |
| 2 Water for Municipal, Urban, Recreational or Industrial uses |
| 3 Water to improve environmental values |
| 4 Water for Native American (<i>Indian</i>) water right claims |
| 5 Don't Know |

1824

YEARS

9. During the last 10 years, in how many years has someone with senior water right claims caused you to reduce or discontinue crop irrigation for this farm?

1825

1 - Incomplete	1980
3 - Valid zero	

SECTION M CORN AND SOYBEAN DRYING/MARKETING

For the questions in this section, please report for your combined 2008 corn and soybean crops.

1. In what month was the majority of the 2008 corn/soybean crop harvested?

MONTH
1826

2. How much of the 2008 corn crop was---

BUSHELS	OR	PERCENT
1864		1865
1870		1871
1876		1877

a. custom dried?

b. dried other than custom dried? (*Include dried on the farm.*)

c. not dried?

3. How much of the 2008 soybean crop was---

BUSHELS	OR	PERCENT
1840		1841
1842		1843
1844		1845

a. custom dried?

b. dried other than custom dried? (*Include dried on the farm.*)

c. not dried?

[If any corn or soybeans were custom dried ask item 3, else go to item 5.]

4. What was the cost of custom drying the 2008 corn/soybean crop?

CENTS PER BUSHEL	OR	TOTAL DOLLARS
1829		1830
1846		1847

CORN

SOYBEANS

5. If any of the 2008 corn/soybean crop was dried, other than custom dried--- ask items 5a – c, else go to item 6.

a. What was the main fuel type used to dry the 2008 corn/soybean crop?

CODE
1859

1 diesel
2 gasoline
3 LP gas
4 natural gas
5 electricity
6 other

b. On average, what percent of moisture was removed from the corn/soybean crop?

PERCENTAGE POINTS
1894

Section M continued on next page

c. What were the main type of facilities used to dry the 2008 corn/soybean crop?.....

4	Bins
5	Continuous flow drier (outside of bins)
3	Batch drier (outside of bins)

CODE
1837

d. How many of these facilities were used to dry the 2008 corn/soybean crop?.....

NUMBER
1838

e. What was the TOTAL capacity of these facilities?.....

BUSHELLS
1839

f. How many hours of each type of labor were used to dry the corn/soybean crop?
(**include** hours to unload, fill and empty driers, and to oversee drying.)

(i) operator, partners, family members and other unpaid workers?.....

HOURS
1896

(ii) full-time, hired workers (**exclude** custom and contract labor)?.....

1897

(iii) part-time or seasonal hired workers (**exclude** custom and contract labor)?.....

1898

6. As of today, how much of the 2008 corn crop was (is)---

[If the crop was placed under a CCC loan that was repaid and the crop was subsequently sold, report the crop as sold.]

a. sold at harvest?.....

BUSHELLS
1831
1833
1835
1855
1857
1827

OR	PERCENT
1832	1834
1836	1856
1858	1828

b. sold after harvest but before December 31, 2008?.....

c. sold after December 31, 2008?.....

d. fed to livestock?.....

e. stored under CCC loan?.....

f. stored but NOT under CCC loan?.....

TOTAL

100%

7. As of today, how much of the 2008 soybean crop was (is)---

[If the crop was placed under a CCC loan that was repaid and the crop was subsequently sold, report the crop as sold.]

a. sold at harvest?.....

BUSHELLS
1848
1850
1852
1860
1862
1866

OR	PERCENT
1849	1851
1853	1861
1863	1867

b. sold after harvest but before December 31, 2008?.....

c. sold after December 31, 2008?.....

d. fed to livestock?.....

e. stored under CCC loan?.....

f. stored but NOT under CCC loan?.....

g. used on the farm to produce biodiesel.....

TOTAL

100%

ENUMERATOR NOTE: Was any of the 2008 corn or soybean crop sold (items 6a through 6c or 7a through 7c) as of today?

YES Continue

NO Skip to Item 13.....

	CORN DOLLARS & CENTS PER BUSHEL	SOYBEANS DOLLARS & CENTS PER BUSHEL
8. What has been the average price received for the 2008 corn/soybean crop sold of today?	1917 _____	1918 _____
	CORN CENTS PER BUSHEL	SOYBEANS CENTS PER BUSHEL
9. What was the check-off cost on the 2008 corn/soybean crop sold as of today?	1919 _____	1920 _____
10. How many bushels of the 2008 corn/soybean crop were hauled from farm storage to market by commercial haulers?		BUSHELS 1921 _____
<i>[If any was hauled from the farm storage, ask---]</i>		CENTS PER BUSHELS
a. What was the average hauling charge paid?		1922 _____
11. What was the average one-way distance the 2008 corn crop was hauled from main farm storage to market?		MILES 1923 _____
12. What was the average one-way distance the 2008 soybean crop was hauled from main farm storage to market?		MILES 1927 _____
13. How many bushels of the 2008 corn/soybean crop were stored off-farm?		BUSHELS 1924 _____
<i>[If any was stored off the farm, ask---]</i>		CENTS PER BUSHEL
a. What was the average monthly storage charge of the corn stored off-farm?		1925 _____
b. What was the average monthly storage charge of the soybeans stored off-farm?		CENTS PER BUSHEL 1928 _____
14. In 2008, were put option purchases, future hedges, or hedge-to-arrive (HTA) contracts used for the corn/soybean crop?	<input type="checkbox"/> YES [Enter code 1 and continue] <input type="checkbox"/> NO [Enter code 3 and go to SECTION N]	
15. What was the net gain or loss from using put option purchases, future hedges, or hedge-to-arrive (HTA) contracts for the corn/soybean crop?		DOLLARS 1926 _____

SECTION N CORN MARKETING

BUSHEL

1930

1. In 2008, how many bushels of old and new crop corn did you sell?

NOTE: If any bushels were sold in 2008, continue, otherwise go to Item 4.

Market outlet codes:

1 Dry mill ethanol plants	8 Dairy producer
2 Non-ethanol dry mill plants	9 Hog producer
3 Beverage manufacturer	10 Poultry producer
4 Corn wet mill	11 Other farm operation
5 Feed mill	12 Country elevator
6 Other food processor	13 River elevator
7 Feed lot	14 Other

2. What type of outlet did you sell corn to?
(See market outlet type codes.)

CODE	What percent of corn sales went to this outlet type? PERCENT	What was the average one-way distance from your main storage site to this outlet? MILES	What transport mode did you use? 1 Wagon 2 Truck 3 Both	On average, what price (per bushel) did you receive for your corn? PRICE PER BUSHEL
1931	1932	1933	1934	1935 \$. ____
1936	1937	1938	1939	1940 \$. ____
1941	1942	1943	1944	1945 \$. ____
1946	1947	1948	1949	1950 \$. ____

3. Outlet Type: Specify the percent of quantity sold, by outlet type and pricing method.
(See market outlet type codes above.)

CODE	PRICING METHOD				
	CASH	FORWARD CONTRACT	FUTURES	OTHER	TOTAL
1951	1952	1953	1954	1955	= 100%
1956	1957	1958	1959	1960	= 100%
1961	1962	1963	1964	1965	= 100%
1966	1967	1968	1969	1970	= 100%

MILES

1971

4. How many miles is it from your main storage site to the closest ethanol plant?

SECTION O BIOENERGY CROP PRODUCTION PRACTICES

1. Report acreage in broad land uses in 2006; the number of these acres that were cultivated in 2007 and 2008; and acreage that was added to the farm or no longer in the farm in 2007 and 2008.

Land Use in 2006	2006 Acreage	Of the acres reported for 2006, how many were			
		Cultivated cropland in 2007	Sold, no longer rented in, or rented out, in 2007	Cultivated cropland in 2008	Sold, no longer rented in, or rented out, in 2008
Cultivated cropland ¹	2401	2402	2403	2404	2405
Hay land ²	2406	2407	2408	2409	2410
Grazing land ³	2411	2412	2413	2414	2415
CRP/CREP/WRP ⁴	2416	2417	2418	2419	2420
Land purchased, no longer rented out, or rented out after 2006		2422		2424	

¹ Included harvested annual crops, land where annual crops failed, and cultivated summer fallow. Exclude land currently enrolled in CRP, CREP, or WRP.

² Include alfalfa and hay from perennial crops. Exclude annual crops harvested for hay, e.g., small grain, should be included with cultivated cropland (harvested annual crops).

³ Include cropland used only for pasture, permanent pasture, and rangeland.

2. Report all harvested acres for the listed crops on this operation in 2008, 2007, and 2006.

Harvested acreage	2008	2007	2006
Corn (for grain or silage)	2426	2427	2428
Cotton (all types)	2429	2430	2431
Sorghum (for grain or silage)	2432	2433	2434
Soybeans	2435	2436	2437
Barley for grain	2438	2439	2440
Oats for grain	2441	2442	2443
Wheat, all types	2444	2445	2446
Hay, alfalfa	2447	2448	2449
Hay, all other types	2450	2451	2452
All other harvested crops	2453	2454	2455

3. Did you use any of these practices on cultivated cropland during 2006, 2007, and/or 2008?

Practice/Input	Acres where practice/input was used in		
	2008	2007	2006
Irrigation	2456	2457	2458
Mulch till or ridge till	2459	2460	2461
No till or strip till	2462	2463	2464
Fall tillage	2465	2466	2467
Structural or vegetative practices for soil erosion control*	2468	2469	2470
Fertilizer, fall application	2471	2472	2473
Fertilizer, post-plant application	2474	2475	2476
Manure, land spreading	2477	2478	2479

*Include the full acreage of fields that include or are associated with structural or vegetative practices such as terraces, grassed waterways, contour buffer strips, and cross-wind strips.

4. On average, what were your yield expectation and nitrogen application rates for corn during 2006, 2007, and 2008?

Practice/Input	Acres where practice/input was used in		
	2008	2007	2006
Average expected corn yield*	2480	2481	2482
Average nitrogen application rate	2483	2484	2485

*Yield expected when fertilizer application decisions were made.

5. How many acres of cultivated cropland on your farm have been classified as "highly erodible" by the Natural Resources Conservation Service for 2008, 2007, and 2006? (The number of acres for all three years will be the same unless highly erodible cropland acres were added to or removed from the operation during this period.)

	2008	2007	2006
Number of Acres	2486	2487	2488

Section O continued on next page

6. Were any of the following varieties grown by this operation in 2008?

VARIETY	Corn			Soybeans		
	Acres	Yield' (bushels per acre)	Expected premium (cents per bushel)*	Acres	Yield (bushels per acre)	Expected premium (cents per bushel)*
Herbicide resistant only variety	2501	2502	2503	2504	2505	2506
Bt only variety for insect resistance	2507	2508	2509	2510	2511	2512
Variety with both Bt and herbicide resistant traits	2513	2514	2515	2516	2517	2518
High fermentable starch content variety	2519	2520	2521	2522	2523	2524
Non-GM variety	2525	2526	2527	2528	2529	2530
Higher oil variety	2531	2532	2533	2534	2535	2536
Low lineolenic oil varieties.	2537	2538	2539	2540	2541	2542

7. Were biomass crops produced on this operation in 2008 for energy purposes?

(Biomass crops are crops used for energy production that include corn and soybeans and any other herbaceous and woody crops, food and feed crops, and agricultural crop wastes.)

YES [Enter code 1 and continue]

NO [Enter code 3 and skip to SECTION P].

2543

What crops were produced for energy purposes?

a. Corn. YES = 1

b. Soybeans. YES = 1

c. Other. YES = 1

2544
2545
2546

ACRES

8. What was the total acreage devoted to growing crops for energy purposes?

2547

9. Were these crops directly marketed to an ethanol plant, processor or other energy producer?

YES [Enter code 1]

NO [Enter code 3].

2548

10. Were these crops marketed through a cooperative?

YES [Enter code 1]

NO [Enter code 3].

2549

SECTION P ENERGY PRODUCTION AND USE ON FARM

1. At any time during 2008, did this operation generate energy or electricity on the farm using wind or solar technology, methane digester, etc.?

YES [Enter code 1] NO [Enter code 3 and go to Item 5].

1880

2. How much energy was generated by each of these technologies in 2008?

a. Wind. KWH

1881

b. Solar. KWH

1882

c. Methane Digester. BTU

1883

3. Was any of this energy sold?

YES [Enter code 1] NO [Enter code 3].

1884

4. If wind energy was generated on land in your farm operation (Item 2a), ask 4a, 4b, and 4c.

a. How many turbines (windmills) are on land used in your farm operation?

NUMBER

1885

b. How many acres were taken out of production so that wind energy could be produced?

ACRES

1886

c. How much are you paid per year for each turbine?

DOLLARS

1887

5. Are there any neighboring properties that have a wind electrical generating structure?

YES [Enter code 1] NO [Enter code 3].

1888

6. Have you ever been approached about establishing a wind electrical generating system on your farm operation?

YES [Enter code 1] NO [Enter code 3].

1889

CONCLUSION

1. Results from this survey will be published in August
 Would you like to receive a copy in the mail?
 (Results will also be available on the Internet at <http://www.nass.usda.gov/> or <http://www.ers.usda.gov/>) YES = 1

CODE

0099

2. ENDING TIME [MILITARY].

MILITARY TIME

0005 _ _ _ _

ENUMERATOR ACTION:

RECORDS USE

3. Did respondent(s) use farm/ranch records to report income and expenses?

- | |
|--------------------|
| 1 All of the time |
| 2 Most of the time |
| 3 Some of the time |
| 4 Almost never |
| 5 Never |

CODE

0096

4. What records did the respondent(s) refer to when reporting most of their income and expense data?

- | |
|--|
| 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 |

CODE

0097

Reported by: _____ Telephone (____) _____

0093
0092

OFFICE USE	PARTNERS STRATUM SAMPLE 182				Duplication Adjustor		Office Use for POID		
	0925	0926	0927	0928	0922		0919		
Response	Respondent		Mode		Enum	Eval.	Date	Optional	
1-Comp 2-R 3-Inac	9901	1- Op/Mgr 2-Sp 3-Acct/Bkpr 4-Partner 9-Other	9902	2-Tel 3-Face-to-Face	9903	0098	0100	9910 _ _ _ _ _ 09	0003
S/E Name									

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The time required to complete this information collection is estimated to average 60 minutes per response.