



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

2003 Agricultural Resource Management Survey Phase III

**COTTON  
COSTS and RETURNS REPORT**

Form Approved  
O.M.B. Number 0535-0218  
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(11/10/03)

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<b>VERSION</b>  04	<b>ID</b>  _____	<b>TRACT</b>  01	<b>SUBTRACT</b>  _____
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ECONOMIC RESEARCH SERVICE

**CONTACT RECORD**

DATE	TIME	NOTES

<b>R CODES</b>	
3 - COMPLETE	0910
5 - OUT OF SCOPE	
8 - REFUSAL	
9 - INAC./INCOMPL.	
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**

0004  
\_ \_ \_ \_

BEGINNING TIME [MILITARY]

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

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

**SCREENING BOX**

0006

<b>PARTNERS:</b>	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

182410



**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 2003. (Include all cropland, idle land, CRP, pastureland, woodland, wasteland, etc.)

1. How many acres of farm/ranch land are OWNED? .....	NUMBER of ACRES 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.)	
a. for a fixed cash payment? .....	0021
b. for a flexible cash payment? (Rent paid depends on prices and/or yields, or 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.) .....	NUMBER of ACRES 0025
4. TOTAL ACRES in this operation in 2003 (1 + 2a + 2b + 2c + 2d - 3) .....	0026
5. Of the Total Acres in this operation (item 4), how many acres were--	
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 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 2003 for acres 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 2003? (Include government payments received from those acres.) .....	0043
10. Including rent for land and/or buildings, what was the total cash rent PAID in 2003? (Include rent paid in 2003 for previous years and rent paid in advance. Exclude storage bins these are reported later in Section F, item 20.) .....	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 2003? .....	0045
12. 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 in 2003? ..	0046
13. Which Farm Type Code represents the largest portion of this operation's 2003 gross farm income? [Enter code from below.] .....	FARM TYPE CODE 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, straw, 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, 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 specialties, etc.)</p>
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**SECTION B ACREAGE and PRODUCTION**

1. During 2003, 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 AMOUNT was (will be) USED on this operation? TOTAL AMOUNT
<b>FIELD CROPS</b>			
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.	
<b>SMALL GRAINS</b>			
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.
<b>HAY CROPS</b>			
Hay, Alfalfa .....	0157	0158 Tons	0159 Tons
Hay, All Other .....	0161	0162 Tons	0163 Tons
<b>OTHER CROPS</b>			
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		

2. What was the estimated value of your landlord's share of crop production for land rented on a share basis in 2003? .....

**DOLLARS**

0171
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**SECTION C LIVESTOCK**

1. Please report the numbers of livestock and poultry on this operation on December 31, 2003.

- a. All cattle and calves?  
(beef cattle, dairy cattle, heifers, steers) . . . . .
- b. All hogs and pigs? . . . . .
- c. All other livestock?  
(horses, poultry, sheep, etc.) . . . . .

Number OWNED by this operation	Number OWNED by others such as a contractor or a custom basis
0048	0049
0264	0265
0274	0275

2. What was the estimated total value of your landlord's share of livestock production in 2003? . . . . .

**DOLLARS**

0276
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4. Did any other operation(s) grow livestock or poultry for this operation under a contract arrangement in 2003?

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

- a. How much were your gross receipts from items sold or removed under these contracts? . . . . .
- b. On December 31, 2003, what was the market value of unsold livestock or poultry remaining under these contracts? . . . . .
- c. How much was paid to contractees for production costs, including fees for services? . . .

**DOLLARS**

0050
0051
0052

# SECTION D COMMODITY MARKETING and INCOME

1. During 2003, did this operation have **MARKETING CONTRACTS** for any commodities it produced?

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

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

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

1 List commodities this operation had <b>MARKETING</b> contracts or formal agreements in 2003?  [Write in commodities.]	CODE	5 What quantity of [commodity] was marketed through this contract? (Report Landlord's share in Section B.) <b>QUANTITY</b>	6 <b>UNIT CODE</b> [Use Unit codes above.]	7 What was (will be) the <b>FINAL PRICE</b> <b>RECEIVED</b> per [unit] by this operation for [commodity] marketed under this contract? [Same units as column 5.] <b>DOLLARS &amp; CENTS</b>	
	0301	0304	0305	0306	. ___
	0316	0319	0320	0321	. ___
	0331	0334	0335	0336	. ___
	0346	0349	0350	0351	. ___
	0361	0364	0365	0366	. ___
	0376	0379	0380	0381	. ___

a. What was the total dollar amount this operation received in 2003 for the **crops** grown in 2003 under a marketing contract?  
(Exclude marketing charges and money received or any reimbursement for expenses.) . . . . .

**DOLLARS**

0391
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b. What was the total dollar amount this operation received in 2003 for the **livestock or poultry** produced in 2003 under a marketing contract?  
(Exclude marketing charges and money received or any reimbursement for expenses.) . . . . .

0392
------

2. During 2003, did this operation have **PRODUCTION** contracts for any commodities it produced?

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

1 What commodities did this operation have <b>PRODUCTION</b> contracts for in 2003?  [Write in commodities.]	CODE	5 What quantity of [commodity] was removed from the operation under this contract during 2003? (Report landlord's share in Section B.) <b>QUANTITY</b>	6 <b>UNIT CODE</b> [Use Unit codes above.]	7 What was (will be) the <b>FINAL FEE</b> <b>RECEIVED</b> per [unit] by this operation for producing [commodity] under this contract? [Same units as column 5.] <b>DOLLARS &amp; CENTS</b>	
	0401	0404	0405	0406	. ___
	0416	0419	0420	0421	. ___
	0431	0434	0435	0436	. ___
	0446	0449	0450	0451	. ___

a. What was the total dollar amount this operation received in 2003 for the **livestock or poultry** produced in 2003 under a production contract?  
(Exclude marketing charges and money received or any reimbursement for expenses.) . . . . .

**DOLLARS**

0473
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b. What was the total dollar amount this operation received in 2003 for the **crops** produced in 2003 under a production contract?  
(Exclude marketing charges and money received or any reimbursement for expenses.) . . . . .

0474
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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 2003-**

DOLLARS

- a. Grains and Oilseeds (*corn, flaxseed, grain silage and forage, grains and oilseeds, popcorn, rice, small grains, sorghum, soybeans, sunflowers, straw, etc.*) . . . . .
- b. Tobacco, Cotton, and Cottonseed . . . . .
- c. Vegetables and Melons (*beets, cabbage, cantaloupes, pumpkins, sweet corn, tomatoes, watermelons, vegetable seeds, etc.*) . . . . .
- d. Fruit, Tree Nuts and Berries (*almonds, apples, blueberries, cherries, grapes, hazelnuts, kiwifruit, oranges, pears, pecans, strawberries, walnuts, etc.*) . . . . .
- e. Nursery, Greenhouse, Floriculture and Sod (*bedding plants, bulbs, cut flowers, flower seeds, foliage plants, mushrooms, nursery potted plants, shrubbery, etc.*) . . . . .
- f. Other Crops and Hay, and Cut Christmas Trees, Short Rotation Woody Crops (*grass seed, hay and grass silage, hops, maple syrup, mint, peanuts, sugarcane, sugarbeets, CRP, etc.*) . . . . .
- g. Hogs and Pigs (**Excluding** breeding stock) . . . . .
- h. Hogs Breeding Stock . . . . .
- i. Milk and Dairy Products . . . . .
- j. Cattle and Calves (*fed cattle, beef and dairy cull animals, stockers and feeders, veal calves, etc., excluding breeding stock.*) . . . . .
- k. Cattle Breeding Stock . . . . .
- l. Poultry and Eggs (*broilers, chickens, turkeys, ducks, eggs, emus, geese, hatchlings, ostriches, pigeons, pheasants, quail, poultry products, etc.*) . . . . .
- m. Other Animals and Other Animal Products, Sheep, Goats and their Products  
Horses, Ponies, Mules, Burros, and Donkeys, Aquaculture (*wool, mohair, milk, cheese, etc.*) . . . . .

0501
0502
0503
0504
0505
0506
0507
0508
0509
0510
0511
0512
0513

4. **Did this operation receive or repay any Commodity Credit Corporation (CCC) loan in 2003?**

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

DOLLARS

- a. How much was received for all commodities placed under CCC loan in 2003? . . . . .
- b. What was the amount spent to repay CCC loans in 2003? . . . . .

0514
0515

5. **What were the total MARKETING CHARGES this operation paid for [column] all commodity products in 2003?**

(*Include check-off, commissions, feed, inspection, yardage, etc.*) . . . . .

1 OPERATOR & PARTNERS DOLLARS	2 LANDLORD(S) DOLLARS	3 CONTRACTOR(S) DOLLARS
0518	0519	0520

**MARKETING EXPENSE WORKSHEET**

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

6. **What was the total dollar amount this operation received in 2003 for commodities produced or marketed under a contract in 2002 or earlier years?**

(*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

0517
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7. **What was the total dollar amount this operation received in 2003 for commodities that were sold for cash in 2002 or earlier years?**

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

DOLLARS

0523
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**SECTION E OTHER FARM INCOME**

1. Did this operation receive any government payments in 2003?  
*(Exclude CCC loans.)*

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

	DOLLARS
2. a. 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
b. How much was received in Direct payments <i>(under the 2002 Farm Act)</i> ? . . . . .	0525
(1) How much of this was for COTTON? . . . . .	0527
c. How much was received in counter-cyclical payments, loan deficiency payments (LDPs), marketing loan gain, net value of commodity certificates? . . . . .	0529
(1) How much of this was for COTTON? . . . . .	0530
d. 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.)</i> . . . . .	0545
(1) How much of this was for disaster and market loss payments for COTTON? . . . . .	0557
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 2003, what was the total income received by you <i>(the operator)</i> and all partners for--	0546
a. Custom Work and machine hire <i>for others</i> ? . . . . .	0548
c. recreational services such as hunting, fishing, etc? . . . . .	0552
f. Federal Crop Insurance payments? . . . . .	0553
(1) How much of this was for Federal crop insurance indemnity payments for COTTON?	0556
j. other income which is closely related to the agricultural operation? . . . . . <i>(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 <b>negative</b> number for losses.)</i>	

# SECTION F OPERATING and CAPITAL EXPENDITURES

*(Include only expenses related to this operation.)*

*Exclude expenses NOT related to the farm/ranch;  
expenses of performing custom work FOR others.)*

**In 2003, how much was spent for  
(item) by [column]--**

1 Operator and partners? DOLLARS	2 Landlord(s)? DOLLARS	3 Contractor(s)? DOLLARS
0600	0601	0602

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

*(Include technology fees.*

*Exclude items purchased only for direct resale.)*

a. How much of this (item 1) was for the COTTON enterprise? . . . . .

0603	0604	0605
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**2. Fertilizer, lime and soil conditioners?  
(Include custom application costs.) . . . . .**

0606	0607	0608
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a. How much of this (item 2) was for the COTTON enterprise? . . . . .

0609	0610	0611
------	------	------

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

0612	0613	0614
0615	0616	0617

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

**4. Livestock purchases of--**

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

0621	0622	0623
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b. Other cattle, calves, hogs and pigs?  
[Report other sheep in item 4d.] . . . . .

0624	0625	0626
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c. Chickens and turkeys?  
[Report ducks and game birds in item 4d.] . . . . .

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

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

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

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

0633	0634	0635
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**6. Purchased feed for livestock and poultry?  
(Include grain, hay, silage, mixed feeds, concentrates, etc.)**

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

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

0639	0640	0641
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**8. All medical supplies, veterinary and custom services for livestock? . . . . .**

0642	0643	0644
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*(Exclude manure disposal.)*

**9. Purchases 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? . . . . .**

0663	0664	0665
0666	0667	0668
0669	0670	0671
0672	0673	0674

(1) How much of the total fuel expense (item 9) was for irrigation? . . . . .

(a) How much of this fuel expense was for water pumped from wells? . . . . .

(2) How much of the total fuel expense (item 9) was for the COTTON enterprise? . . . . .



**In 2003, how much was spent for  
(item) by [column]--**

	1 Operator and partners? DOLLARS	2 Landlord(s)? DOLLARS	3 Contractor(s)? DOLLARS
10. <b>Electricity for the farm business?</b> .....	0675	0676	0677
a. How much of the total electricity expense (item 10) was for irrigation? .....	0678	0679	0680
(1) How much of this expense (item 10a) was for the COTTON enterprise? .....	0681	0682	0683
(2) How much of this expense was for <b>water         pumped from wells?</b> .....	0684	0685	0686
b. How much of the total electricity expense (item 10) was for drying? .....	0687	0688	0689
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.? .....	0693	0694	0695
11. <b>Purchased water for irrigation from off-farm suppliers</b> (Include irrigation assessments and fees.) .....	0696	0697	0698
a. How much of this (item 11) was for the COTTON enterprise? .....	0699	0700	0701
12. <b>All other utilities</b> - such as the farm share of telephone service, water purchased other than for irrigation, Internet access, etc. ....	0872	0873	0874
13. <b>Farm supplies, marketing containers, hand tools and farm shop power equipment?</b> (Include expenses for temporary fencing. Exclude expenses for permanent fencing.) .....	0702	0703	0704
14. <b>Repairs, parts and accessories for motor vehicles, machinery and farm equipment?</b> .	0708	0709	0710
<i>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.</i>			
a. How much of this (item 14) was for the COTTON enterprise? .....	0711	0712	0713
15. <b>Maintenance and repair for the upkeep of all farm buildings, houses other than the operator's, land improvements, and all other farm/ranch improvements?</b> .....	0714	0715	0716
<i>(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.)</i>			
a. How much of this item (item 15) was for specialized livestock production facilities-- such as dairies, feedlots, poultry houses, swine buildings?	0717	0718	0719
b. How much of this (item 15) was for irrigation equipment and pumps? .....	0720	0721	0722
(1) How much of this expense for irrigation equipment and pumps (item 15b) was for the COTTON enterprise? .....	0723	0724	0725

**In 2003, how much was spent for  
(item) by [column]--**

1 Operator and partners?  DOLLARS	2 Landlord(s)?  DOLLARS	3 Contractor(s)?  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
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17. **All 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.*

*Exclude health insurance and other payroll insurance items.)*

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

0732	0733	0734
0735	0736	0737

(1) How much of this was Federal crop insurance for COTTON? . . . . .

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

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

0738	0739	0740
0741	0742	0743

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

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

a. real estate? . . . . .  
 b. livestock, machinery, and other farm production items? . . . . .

0744	0745	0746
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
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21. **Vehicle registration and licensing fees?** . . . . .

0753	0754	0755
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22. **Depreciation expense claimed by this operation in 2003 for all capital assets** *(If partnership, include amounts claimed by all partners in this operation.)* . . . . .

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?**

*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*

0758	0759	0760
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a. How much of the total wage expense (item 23) was for the COTTON enterprise? . . . . .

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

**In 2003, how much was spent for  
(item) by [column]--**

1 Operator and partners?	2 Landlord(s)?	3 Contractor(s)?
DOLLARS	DOLLARS	DOLLARS
0764	0765	0766
0767	0768	0769
0770	0771	0772
0773	0774	0775
0776	0777	0778

24. **Of the total cash wages (item 23),  
how much was paid out to--**  
(Total 24a + 24b + 24c + 24d must equal item 23)
- a. You (the principal operator) . . . . .
  - b. Your (the operator's) spouse and other household members? . . . . .
  - c. Other operators? . . . . .
  - d. All other paid farm and ranch labor? . . . . .

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.*)

0779	0780	0781
------	------	------

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.*)

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

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

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

27. **CUSTOM WORK such as--**  
(Custom work is work performed by machines and labor hired as a unit.)

0788	0789	0790
0791	0792	0793
0794	0795	0796

- 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.*) . . . . .
- (1) How much of the total custom work expense (item 27a & 27b) was for the COTTON enterprise? . . . . .

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.*) . . . . .

<b>DOLLARS</b>
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?** . . . . .

0798
------

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

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 2003.**

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 (excluding the operator's dwelling), barns, buildings, hog houses, poultry houses, milk barns, storage facilities, sheds, silos, etc. (Exclude repairs and maintenance.) .....

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

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

0813	0814	0815
------	------	------

**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 2003.**

36. Cars - Include new or used ..... **DOLLARS**  
0816

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

<b>PERCENT</b> 0817
------------------------

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

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

<b>PERCENT</b> 0819
------------------------

38. Tractors - Include new or used ..... **DOLLARS**  
0820

39. Self-Propelled Farm Equipment including implements and self-propelled equipment for livestock, dairy, or poultry production (Include farm share only.) ..... **DOLLARS**  
0821

40. Other Farm Machinery and Non-Self Propelled farm equipment and pumps and capital equipment for livestock, dairy and poultry (Includes farm share only.) ..... **DOLLARS**  
0822

41. Office equipment, furniture and computers that were placed on a depreciation schedule? ..... **DOLLARS**  
0823

42. All Other Capital Expenditures (Include all other capital expenditures which were placed on a depreciation schedule.) ..... **DOLLARS**  
0824

Specify: \_\_\_\_\_

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

43. What other expenses did this operation have in 2003 that I have not recorded? ..... [List each expense item and amount.]

---



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## SECTION G FARM LABOR

1. On the average, for each of the three month periods DURING 2003, about how many hours per week did-

1 January, February, March, 2003	2 April May June, 2003	3 July, August, September, 2003	4 October, November, December, 2003
HOURS/WEEK	HOURS/WEEK	HOURS/WEEK	HOURS/WEEK
0828	0829	0830	0831

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.*) . . .

0832	0833	0834	0835
------	------	------	------

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?

0836	0837	0838	0839
------	------	------	------

d. Unpaid workers (*such as non operator partners, family members, etc.*) do farm/ranch work? . . . . .

0840	0841	0842	0843
------	------	------	------

## SECTION H FARM ASSETS

1. What was the market value of the following assets OWNED by this operation on December 31, 2003?

(*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.*) . . . . .

2. What is the estimated market value of the land and buildings on the acres rented FROM OTHERS?

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

3. What is the estimated market value of the land and buildings on the acres rented TO OTHERS?

(*Reported in Section A, item 3.*) . . . . .

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(s) 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.)
  - (1) Government program crops owned and stored on or off this operation on--
  - (2) Non-program crops owned and stored on or off this operation on--
- b. breeding livestock **owned** by and **located** on or off this operation on--
- c. non-breeding livestock and poultry **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. stock in farm credit system and other farm cooperatives on--

beginning of year ---Jan. 1, 2003? DOLLARS	end of year -Dec. 31, 2003? DOLLARS
0859	0860
0861	0862
0863	0864
0876	0877
0878	0879
0880	0881
	0882
	0883
	0884

5. How much was OWED TO this operation for sales or production of crops, livestock, livestock products, poultry or poultry products from 2003 and earlier years?

beginning of year --Jan. 1, 2003? DOLLARS	end of year --Dec. 31, 2003? DOLLARS
0885	0886

6. [Show FARM ASSETS & VALUE CODES in Respondent Booklet.]  
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.)

**END OF YEAR  
VALUE CODE**

0887

**SECTION I FARM DEBT**

- 1. What was the maximum amount of all loans TAKEN OUT and REPAID in 2003? . . . . .
- 2. Did this operation owe money to any banks, co-ops, individuals, merchants or Federal agencies at the end of 2003?

**DOLLARS**

0890

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?

- 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? . . . . .

1 What was the balance owed on Dec. 31, 2003? 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

5. How much of the debt owed on December 31, 2003 was for the operator's dwelling?  
(If operator's dwelling is owned by the operation, debt should have been included above.) . . . . .

**DOLLARS**

1057

**OFFICE USE**

0999

# SECTION J FARM OPERATOR

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.)* . . . . .

**NUMBER OF OPERATORS**

1200

2. **In 2003, 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** . . . . .

<b>PRINCIPAL OPERATOR or Senior Partner</b>	<b>OPERATOR 2</b>	<b>OPERATOR 3</b>
1241 [ ][ ][ ][ ]	1261 [ ][ ][ ][ ]	1281 [ ][ ][ ][ ]

4. **Age of operator on December 31, 2003**

1242 [ ][ ] <b>Years of Age</b>	1262 [ ][ ] <b>Years of Age</b>	1282 [ ][ ] <b>Years of Age</b>
---------------------------------	---------------------------------	---------------------------------

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
<b>ENTER CODE 1 FOR ALL THAT APPLY</b>	<b>ENTER CODE 1 FOR ALL THAT APPLY</b>	<b>ENTER CODE 1 FOR ALL THAT APPLY</b>

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

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

- 1 YES
- 2 NO SPOUSE
- 3 NO

**CODE**

1204

11. **In 2003, 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

**OPERATOR**

**SPOUSE**

1207

1208

a. *[If item 11 is code 4, ask—]*  
 Was non-farm work your primary career decision? . . . . .

- 1 YES
- 3 NO

**CODE**

**CODE**

1209

1210

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

**OPERATOR**

**SPOUSE**

1211

1212

13. Which of these do you and your spouse (the principal 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

ENTER CODE 1 FOR ALL THAT APPLY

1213	1214
1215	1216
1217	1218
1219	1220
1221	1222
1223	1224

15. How many persons lived in the operator's household on December 31, 2003? (Include operator, spouse, children, and others living in operator's household.) .....

**NUMBER**

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. Are you (the operator) a hired manager for this operation? .....

1 YES - Go to Section L.
3 NO - Continue.

**CODE**  
0995

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

3. Did you and/or your spouse (the operator and operator's spouse) work off this farm for wages or a salary in 2003? (Include proprietorship of any off-farm business.) . . .

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

<b>OPERATOR</b> 0931	<b>SPOUSE</b> 0932
-------------------------	-----------------------

[If both operator and spouse = 3, go to item 8.]

a. How many weeks did you and/or your spouse (the operator and operator's spouse) work off this farm for pay in 2003? .....

<b>WEEKS</b> 0933	<b>WEEKS</b> 0934
----------------------	----------------------

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? .....

<b>HOURS PER WEEK</b> 0935	<b>HOURS PER WEEK</b> 0936
-------------------------------	-------------------------------

8. [Show VALUE CODES in Respondent Booklet.]

Which value code represents the cash income the operator and all other household members received in 2003 from— (Exclude farm income reported earlier.)

a. all off-farm pay before taxes and withholdings? .....

**VALUE CODE**  
0950

(1) How much of off-farm pay was for the principal operator? .....

**VALUE CODE**  
0951

(2) How much of off-farm pay was for the principal operator's spouse? .....

**VALUE CODE**  
0952

b. net cash income from operating another farm/ranch? .....

**VALUE CODE**  
0955

c. net cash income from operating any other business? .....

**VALUE CODE**  
0958

d. net cash income from cash or share-rented farm land to others including land rented from this and other operations? .....

**VALUE CODE**  
0961

e. gross income from interest and capital gains? (can be negative if capital losses incurred) .....

**VALUE CODE**  
0968

g. income from disability, military retirement, Social Security, unemployment, Veteran's benefits, other public retirement and public assistance? .....

**VALUE CODE**  
0970

h. any other off-farm sources of income? .....

**VALUE CODE**  
0991

9. Did any household(s) besides the operator's share in the net income of this operation during 2003? . . . . .	1 YES - Continue. 3 NO - Go to item 10.	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 ( <i>the operator</i> ) and your household receive? . . . . .		PERCENT 0978
10. 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, 2003? <i>(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.)</i> . . . . .		VALUE CODE 0994
11. Which value 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? <i>(Exclude farm debt reported earlier)</i> . . . . .		VALUE CODE 1103
16. To meet the household and family living expenses you consider necessary, which value code represents the minimum income before taxes your family needs in a year to meet basic needs? . . . . .		VALUE CODE 1104
17. Which value code represents the total amount spent on household and family living expenses in 2003? <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> . . . . .		VALUE CODE 1111
22. Does the principal operator plan to retire from farm/ranch work within the next 5 years? <i>(or do you consider yourself to be retired)</i> . . . . . YES=1		CODE 1116
23. Which value code represents household income, farm/non-farm income for the previous 2002 year? . . . . .		VALUE CODE 1118
		OFFICE USE 2002

**SECTION L IRRIGATION**

1. Did you irrigate any cropland, alfalfa, other hay, or pastureland on this farm in 2003?

CODE

YES - [Enter code 1 and continue.]

NO - [Go to Section M.]

1740

2. [ENUMERATOR INSTRUCTION: Refer back to Section B, page 3. For each crop harvested during 2003 (in Section B, item 1), determine if it was irrigated (in column 1, in the table below). Complete the remaining columns for each irrigated crop noted in column 1 below.]

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 2003.

(Including land irrigated for alfalfa, other hay, and pastureland.)

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

1 What crops were irrigated on this farm in 2003?  CROPS IRRIGATED	2 OFFICE USE  CROP CODE	3 How many harvested acres of [commodity] were irrigated?  HARVESTED ACRES	4 On the irrigated acres harvested, what was the average yield per acre for [commodity]?  YIELD	5 UNIT CODE  1 - POUNDS 2 - CWT 3 - TON 4 - BUSHEL 7 - BALE  UNIT CODE	6 What is the primary irrigation system type for [commodity]? [See Irrigation System Codes above.]  SYSTEM CODE	7 What was the average acre-inches of water applied per acre for the growing season for [commodity]?  ACRE-INCHES PER ACRE	8 What percent of [commodity] acres were irrigated using surface water?  PERCENT	9 What percent of [commodity] acres were irrigated using surface water purchased from off-farm water suppliers? 1/ [Off-farm water suppliers are defined below.]  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 2003? .....

NUMBER

1805

[If zero, go to item 6.]

4. In 2003, 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 2003, how many wells on this farm used water meter or water flow measurement devices? ..... NUMBER  
1808  
[If zero, go to item 6.]
- a. How many acres were irrigated using water from these (item 5) wells? ..... ACRES  
1809
6. In 2003, how many acres was irrigation used--
- 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

7. [Use **Management Practice Codes** below.]  
 Now I'd like to know about your use of, or your interest in, certain water management techniques for irrigated crop production on this farm.

**MANAGEMENT PRACTICE CODES**

1 = Never heard of it 2 = Heard of it, not interested 3 = Heard of it, sounds interesting 4 = Looking at it for my farm 5 = Tried it on my farm, but will not use it again	6 = Now using this technique and will continue to use on my farm 7 = Water delivery system does not allow for water delivery on demand
--	---

1 How familiar are you with --  WATER MANAGEMENT TECHNIQUE	2 MANAGEMENT PRACTICE CODE  [Enter code from above.]	3 [If code = 6, ask--] How many acres were irrigated using this technique in 2003? ACRES
a. Commercial scheduling services or computer simulation models to schedule irrigation-water applications? .....	1815	1816
b. On-farm irrigation scheduling techniques using soil-moisture sensing devices (such as neutron probes, tensiometers, and soil moisture blocks)?	1817	1818
c. 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

8. During 2003, 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 - [Go to item 9.] ..... CODE  
1821
- a. In 2003, how many of this farm's acres were irrigated using these improvements? .... ACRES  
1822

9. In the past five years, has anyone made an offer to purchase water or water rights from this farm operation?
- YES - [Enter code 1 and continue.]      NO - [Go to item 10.] ..... CODE  
1823

- a. What was the purchaser's intended use for the water? .. 1824
- |  |  |
|--|--|
| 1 Agricultural Use<br>2 Water to Municipal, Urban, Recreational or Industrial uses<br>3 Water to Improve environmental values<br>4 Water for Native American (Indian) water right claims<br>5 Don't Know |  |
|--|--|

10. 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? ..... YEARS  
1825

**SECTION M COTTON MARKETING**

MONTH

1. In what month was the majority of the 2003 cotton crop harvested? . . . . .

1826  
 \_\_\_\_ \_\_\_\_

CODE

2. Was the cost of ginning the 2003 cotton crop paid by--

1 Cash
2 All or a portion of the cottonseed
3 Both

1827  
 \_\_\_\_\_

a. [If item 2 = 1 or 3, ask-- else go to item b.]

What was the cash payment per pound for ginning the 2003 cotton crop?  
 (Include any costs for module building and hauling that were provided by the gin.) . . . . .

CENTS PER POUND  
 1828  
 \_\_\_\_\_ . \_\_\_\_

b. [If item 2 = 2, ask-- else go to item 3.]

What was the total credit received for the cottonseed exchanged  
 for ginning the 2003 cotton crop?  
 (Include any costs for module building and hauling that were provided by the gin.) . . . . .

DOLLARS & CENTS  
 PER CWT  
 1829  
 \_\_\_\_\_ . \_\_\_\_

3. What did you pay for compress, bag, and tie charges for the 2001 cotton crop? . . . . .

DOLLARS & CENTS  
 PER BALE  
 1830  
 \_\_\_\_\_ . \_\_\_\_

4. As of today,  
 how much of the 2003 cotton crop was--

	BALES	OR	PERCENT
d. sold in August 2003 . . . . .	1837	.....	1838
e. sold in September 2003 . . . . .	1839	.....	1840
f. sold in October 2003 . . . . .	1841	.....	1842
g. sold in November 2003 . . . . .	1843	.....	1844
h. sold in December 2003 . . . . .	1845	.....	1846
i. sold in January 2004 . . . . .	1847	.....	1848
j. sold in February 2004 . . . . .	1849	.....	1850
k. sold in March 2004 . . . . .	1851	.....	1852
l. sold in April 2004 . . . . .	1853	.....	1854
n. stored (not sold) . . . . .	1857	.....	1858
<b>TOTAL</b>			<b>100%</b>

POUNDS

5. What was the average weight of the cotton bales sold (or stored) from this operation?

1859  
 \_\_\_\_\_

1 6. Of the 2003 cotton crop sold by today--	2 How much was marketed by [column 1]?			3 Average price received (or to be) per pound?	5 What premium was paid or discount was incurred per pound because of the cotton quality?		
	BALES	OR	PERCENT	CENTS	PREMIUM CENTS	OR	DISCOUNT CENTS
a. Cash forward contract (fixed price) . . . . .	1860	...	1861	1862 • ___	1864 • ___	.....	1865 • ___
b. Basis contract . . . . .	1866	...	1867	1868 • ___	1870 • ___	.....	1871 • ___
c. Deferred or delayed price contract . . . . .	1872	...	1873	1874 • ___	1876 • ___	.....	1877 • ___
d. Minimum price contract . . . . .	1878	...	1879	1880 • ___	1882 • ___	.....	1883 • ___
e. Pooled sales contract . . . . .	1884	...	1885	1886 • ___	1888 • ___	.....	1889 • ___
f. Cash sale (exclude Internet sales) . . . . .	1890	...	1891	1892 • ___	1894 • ___	.....	1895 • ___
g. Internet marketing (such as The Seam) . . . . .	1896	...	1897	1898 • ___	1900 • ___	.....	1901 • ___
h. CCC loan . . . . .	1902	...	1903	1904 • ___	1906 • ___	.....	1907 • ___
<b>TOTAL</b>			<b>100</b>				

7. Did you use any of the following marketing methods for the 2003 cotton crop?	What was the net gain (or loss) from this method? DOLLARS	
	YES = 1	
a. Put option purchase? . . . . .	1910	1911
b. Future hedge? . . . . .	1912	1913
c. Hedge-to-arrive (HTA) contract? . . . . .	1914	1915

8. What was the cost of fees paid to cotton marketing associations for the 2003 cotton crop?  
*(Include fees charged by USDA-HVI, Cotton Inc., National Cotton Council, and local grower association. Exclude costs for participating in the Boll Weevil Eradication Program and the Pink Bollworm Program.) . . .*

**DOLLARS & CENTS PER BALE**

1916  
• \_\_\_

9. Was a warehouse storage charge incurred for any of the 2003 cotton crop? . . . . . YES=1

**CODE**

1917

**DOLLARS & CENTS PER BALE**

a. What was the average monthly storage charge for the cotton stored in the warehouse? . . . . .

**CENTS PER POUND**      OR      **DOLLARS & CENTS PER BALE**

1918  
• \_\_\_

1919  
• \_\_\_

14. For the cotton produced in 2003, what share of the following inputs were purchased, under contract or otherwise, in each quarter?

(Report input as purchased in the quarter that the price was determined.)

1 QUARTER	2 Seeds, sets, plants, nursery stock, etc. PERCENT	3 Nitrogen fertilizer (such as AA, UAN, or Urea) PERCENT	4 Mixed fertilizers PERCENT	5 Crop chemicals (herbicides, insecticides, etc.) PERCENT	6 Fuel for crop production and drying PERCENT
3 <sup>RD</sup> quarter 2002 (July, August, September) . . . . .	1926	1927	1928	1929	1930
4 <sup>th</sup> quarter 2002 (October, November, December) .	1931	1932	1933	1934	1935
1 <sup>st</sup> quarter 2003 (January, February, March) . . . . .	1936	1937	1938	1939	1940
2 <sup>nd</sup> quarter 2003 (April, May, June) . . . . .	1941	1942	1943	1944	1945
3 <sup>RD</sup> quarter 2003 (July, August, September) . . . . .	1946	1947	1948	1949	1950
4 <sup>th</sup> quarter 2003 (October, November, December) .	1951	1952	1953	1954	1955
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

15. [If any nitrogen fertilizer was purchased prior to Jan. 1, 2003, ask-]

What was the primary reason you purchased nitrogen fertilizer prior to January 1, 2003-- . . . . .

- 1 to reduce the risk of a nitrogen price increase?
- 2 as a tax management strategy used with cash basis accounting?
- 3 to guarantee a specific quantity of nitrogen fertilizer would be available?
- 4 to apply nitrogen in the fall of 2002 for crops harvested in 2003?
- 5 Other, specify \_\_\_\_\_

CODE

1956

16. [If none of the nitrogen fertilizer was purchased prior to Jan. 1, 2003, ask-]

What was the primary reason you did not purchase nitrogen fertilizer prior to January 1, 2003-- . . . . .

- 1 expected spring nitrogen fertilizer prices to be similar to or less than fall prices?
- 2 nitrogen fertilizer pre-pay programs or contracts were not offered by local fertilizer suppliers?
- 3 did not have the liquidity or capital required to pre-pay or contract for nitrogen fertilizer?
- 4 not aware of nitrogen fertilizer pre-pay programs or contracts?
- 5 Other, specify \_\_\_\_\_

CODE

1957

# CONCLUSION

1. 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/>  
<http://www.ers.usda.gov/> ) . . . . . YES = 1

CODE

0099

**THANK YOU FOR YOUR TIME AND EFFORT !**

<p><b>RESPONDENT</b></p> <p>2. Who was the primary respondent for most of this interview?</p>	<div style="border: 1px solid black; padding: 5px;"> <p>1 OPERATOR/MANAGER                  2 SPOUSE                  3 ACCOUNTANT/BOOKKEEPER                  4 OTHER                  8 OFFICE HOLD                  9 PARTNER</p> </div> <p>Respondent's name [if code 3, 4 or 9]</p> <p>_____</p> <p>Phone ( _____ ) _____</p>	<p style="text-align: center;">CODE</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">0101</div>	
<p><b>RECORDS USE</b></p> <p>3. Did respondent use farm/ranch records to report income and expenses-- . . . . .</p>	<div style="border: 1px solid black; padding: 5px;"> <p>1 All of the Time                  2 Most of the Time                  3 Some of the Time                  4 Almost Never                  5 Never</p> </div>	<p style="text-align: center;">CODE</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">0096</div>	
<p>4. What records did the respondent refer to when reporting <i>most</i> of their income and expense data--</p>	<div style="border: 1px solid black; padding: 5px;"> <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> </div>	<p style="text-align: center;">CODE</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">0097</div>	
<p>ENDING TIME [MILITARY] [<i>Please be precise.</i>] . . . . .</p> <p>DATE: . . . . .</p> <p>ENUMERATOR NAME _____</p>	<p style="text-align: center;">MILITARY TIME</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">0005</div> <p style="text-align: center;">MM DD 04</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">0007</div> <p style="text-align: center;">04</p> <p style="text-align: center;">ENUMERATOR ID      ENUMERATOR EVALUATION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">0098</td> <td style="width: 50%; text-align: center;">0100</td> </tr> </table>	0098	0100
0098	0100		