



2000 Agricultural Resource Management Study Phase III
**DAIRY PRODUCTION PRACTICES
 and COSTS and RETURNS REPORT**

Form Approved
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 Version 4 Dairy

U.S. Department of Agriculture
 Rm 5805, South Building
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VERSION	ID	TRACT	SUBTRACT
04	_____	01	_____



CONTACT RECORD		
DATE	TIME	NOTES

R CODES	
3 - COMPLETE	0910
5 - OUT OF SCOPE	
8 - REFUSAL	
9 - INAC./INCOMPL.	
OPTIONAL	0002
OPTIONAL	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

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

TOTAL POINTS

OFFICE USE 0929

SECTION A LAND IN FARM / RANCH

*Include all land regardless of location or use --
 cropland, pastureland, wasteland,
 idle land, ponds, wetland,
 house lots, rangeland, woodland, etc.*

ACRES OPERATED

First, I have some questions about the land in this operation.

In 2000, how many ACRES did this operation--

		ACRES	
1. Own?	+	0020	
2. Rent or lease FROM others for--			
a. Cash?	+	0021	
b. A share of crop or livestock production?	+	0022	
c. Rent free?	+	0023	
3. Rent or lease TO others for cash, share, or free of charge?	-	0024	
4. Use part of the year for crops or livestock, and rent to another operation during another part of the year? (Exclude land rented on an AUM or fee per head basis.)	+	0025	
5. Then the total acres operated was-- [Total 1 + 2a + 2b + 2c - 3 + 4.]	=	TOTAL ACRES 0026	
a. Of the total acres in this operation (item 5) how many acres were considered CROPLAND, including land in government programs? (Exclude wild hay and CRP acres planted to trees.)		ACRES 0027	
6. In 2000, how many ACRES did this operation have--		ACRES	
a. enrolled in the Conservation Reserve Program (CRP)?		0028	
b. enrolled in the Wetlands Reserve Program (WRP)?		0029	

RENT RECEIVED

7. Including rent for land and/or buildings, what was the total CASH RENT received in 2000 for acres cash rented TO others? (Include government payments received from those acres. Exclude grazing of livestock; record in Section F, item 3b.)		0030	
8. For acres share-rented to others, what was the total value of the CROP OR LIVESTOCK SHARES received in 2000? (Include government payments received from those acres.)		0031	

RENT PAID

9. Including rent for land and/or buildings, what was the total cash rent PAID in 2000?

(Include rent paid in 2000 for previous years or rent paid in advance.)

DOLLARS

0032

10. Does this operation use any land administered by public agencies, industrial corporations or grazing associations on an animal unit month (AUM) basis?

YES - [Continue.] NO - [Go to item 11.]

a. In 2000, what were the total usage fees this operation PAID for the use of this public land?

(Include fees paid for privately owned land administered by a public agency through exchange-of-use.)

DOLLARS

0033

11. In 2000, 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?

DOLLARS

0034

12. [Show Farm Type Codes in Respondent Booklet.]

Which of the categories represents the largest portion of this operation's 2000 gross income?

Include:

- Sales of all crops, livestock, poultry, and livestock products sold in 2000.
- The VALUE OF PRODUCT REMOVED for all crops, livestock, and poultry produced under contract in 2000.
- Sales in miscellaneous agricultural products in 2000.
- All government agricultural payments received in 2000.
- Landlord's share of government payments.

FARM TYPE CODES

- 1- **Grains and Oilseeds** (corn, sorghum, small grains, rice, soybeans, dry beans, dry peas, sunflowers, flaxseed, popcorn, grain silage and forage, grains and oilseeds for seed)
- 2- **Tobacco**
- 3- **Cotton**
- 4- **Vegetables and Melons** (potatoes, sweet potatoes, beets, cabbage, cantaloupes, pumpkins, sweet corn, tomatoes, watermelons, vegetable seed and others)
- 5- **Fruit, Tree Nuts and Berries** (apples, blueberries, cherries, cranberries, grapes, oranges, kiwifruit, peaches, pears, strawberries, almonds, hazelnuts, pecans, walnuts and others)
- 6- **Nursery, Greenhouse and Floriculture** (cut flowers, potted plants, bedding plants, foliage plants, sod, mushrooms, Christmas trees, bulbs, nursery stock, shrubbery, flower seed and others)
- 7- **Other Crops** (hay, peanuts, sugarbeets, sugarcane, mint, hops, grass seed, maple syrup, CRP)
- 8- **Beef Cattle** (beef cattle for breeding stock, fed cattle, stockers and feeders, veal calves)
- 9- **Dairy** (milk and other dairy products, sales of dairy animals)
- 10- **Hogs**
- 11- **Sheep, Goats, Wool and Mohair**
- 12- **Equine** (horses, ponies, mules, donkeys, burros)
- 13- **Poultry and Eggs** (chickens, broilers, eggs, turkeys, ducks, geese, pheasants, poultry products, hatcheries)
- 14- **Aquaculture** (catfish, trout and other finfish, and shellfish)
- 15- **Other Animals** (fur-bearing animals, bees, honey, rabbits, and other animal specialties)

[Enter one Code]

0035

SECTION B ACREAGE and PRODUCTION

1. During 2000, what crops were harvested on the total acres (Section A, item 5) on this operation?
(Exclude crops grown on land RENTED to others.)

CODES FOR COLUMN 7

- 1 Genetically modified **herbicide resistant** variety
2 Non-genetically modified **herbicide resistant** variety
3 Genetically modified **Bt** variety
4 **Stacked gene** variety (both *herbicide resistant* and *Bt*)
5 **Quality enhanced** variety (such as *high-oil corn*)

[If share rented
from others, ask-]



1 CROP	2 How many acres were harvested?	3 What was the average yield per acre?	4 How much of this operation's share of the total production was (will be) used on this operation?	5 What was the market value of the landlord's share of this crop?	6 How many of the harvested acres (column 2) were planted with any of the seed varieties listed above? ACRES	7 What type of seed variety was planted on the most acres? CODE
FIELD CROPS	ACRES	YIELD PER ACRE	TOTAL AMOUNT	TOTAL DOLLARS		
Corn for Grain	0105	0106 Bu.	0107 Bu.	0108	0109	0110
Corn for Silage	0111	0112 Tons	0113 Tons	0114		
Cotton, all types	0117	0118 Lbs.		0120	0121	0122
Peanuts	0123	0124 Lbs.		0126		
Potatoes	0129	0130 Cwt.		0132	0133	0134
Rice	0135	0136 Cwt.		0138		
Sorghum for Grain	0141	0142 Bu.	0143 Bu.	0144		
Sorghum for Silage	0147	0148 Tons	0149 Tons	0150		
Soybeans	0153	0154 Bu.	0155 Bu.	0156	0157	0158
Tobacco, all	0159	0160 Lbs.		0162		
SMALL GRAINS						
Barley for Grain	0165	0166 Bu.	0167 Bu.	0168		
Oats for Grain	0171	0172 Bu.	0173 Bu.	0174		
Wheat, all for Grain	0177	0178 Bu.	0179 Bu.	0180	0181	0182
HAY CROPS						
Hay, Alfalfa	0183	0184 • __ Tons	0185 Tons	0186		
Hay, All Other	0189	0190 • __ Tons	0191 Tons	0192		
OTHER CROPS						
Canola	0195	0196 Lbs.	0197 Lbs.	0198	0199	0200
Other Oilseeds	0201	0202 Lbs.		0204		
Sugar Cane	0207	0208 • __ Tons		0210		
Sugar Beets	0935	0936 • __ Tons		0937		
Dry Edible Beans/Peas/Lentils	0213			0216		
Vegetables for processing	0219			0222	0223	0224
All Other Vegetables and Melons	0225			0228	0229	0230
Fruits, Nuts, and Berries ..	0231			0234		
Nursery and Greenhouse Crops	0237			0240		
All Other Crops not listed above	0243			0246		

SECTION C INCOME from CROPS

1. During 2000, did this operation have **MARKETING CONTRACTS** or formal agreements to market any crops it produced?

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

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

Report Livestock marketing contracts in Section E.

CONTRACTOR CODES for Column 3

1 Other farm(s) or farmer(s)	5 Broker, consigner, or investor
2 Processor, mill or gin	6 Integrator
3 Co-op or elevator	7 Another segment of the same company
4 Seed, feed, or other input company	8 Retailer
	9 Other (Specify in notes.)

1 What crops did this operation have MARKETING contracts for in 2000? [List each crop below.]	2 CROP CODE	3 Who was the contractor? [Use Contractor code.] CODE	4 What quantity of [commodity] was marketed through this contract? (Exclude landlord's share.) QUANTITY	5 UNIT CODE 1 POUND 2 CWT 3 TON 4 BUSHEL 5 BIN 6 BOX 7 BALE 8 CARTON 9 DOZEN 10 FLAT 13 PLANT/POT 22 ACRE	6 What was (will be) the FINAL PRICE RECEIVED per [unit] by this operation for [commodity] marketed under this contract? [Same units as column 5.] DOLLARS & CENTS	7 What was the total dollar amount received in 2000 from this contract? [Record receipts less marketing charges.] 1/ TOTAL DOLLARS
	0250	0251	0252	0253	0254 . __ __	0255
	0256	0257	0258	0259	0260 . __ __	0261
	0262	0263	0264	0265	0266 . __ __	0267
	0268	0269	0270	0271	0272 . __ __	0273

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

2. During 2000, did this operation have **PRODUCTION CONTRACTS** or formal agreements to produce any crops for a processor, packer, canner, integrator or another operation, etc.?

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

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

Report Livestock production contracts in Section E.

1 What crops did this operation have PRODUCTION contracts for in 2000? [List each crop below.]	2 CROP CODE	3 Who was the contractor? [Use Contractor codes.] CODE	4 What quantity of [commodity] was removed from the operation under this contract during 2000? (Exclude landlord's share.) QUANTITY	5 UNIT CODE 1 POUND 2 CWT 3 TON 4 BUSHEL 5 BIN 6 BOX 7 BALE 8 CARTON 9 DOZEN 10 FLAT 13 PLANT/POT 22 ACRE	6 What was (will be) the FINAL FEE RECEIVED per [unit] by this operation for producing [commodity] under this contract? [Same units as column 5.] DOLLARS & CENTS	7 What were the TOTAL FEES RECEIVED in 2000 under this contract? [Record receipts less marketing charges.] 1/ TOTAL DOLLARS
	0310	0311	0312	0313	0314 . __ __	0315
	0316	0317	0318	0319	0320 . __ __	0321
	0322	0323	0324	0325	0326 . __ __	0327
	0328	0329	0330	0331	0332 . __ __	0333

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

CASH or OPEN MARKET SALES - CROPS

1 3. For CROPS sold for CASH or on the open market in 2000, what was the NET (after deducting marketing expenses) dollar amount received in 2000 for-- <div style="border: 1px dashed black; padding: 5px; margin-top: 10px;"> Exclude from this table-- ▶ Marketing Contract sales (report in item 1) ▶ Production Contract sales (report in item 2) ▶ Landlord's share (report in Section B) </div>	2 CROP CODE	3 OPTIONAL Amount Sold Price X Per Unit	4 NET DOLLAR AMOUNT RECEIVED IN 2000? DOLLARS
a. Fruits, Nuts and Berries?			0371
b. Vegetables, Melons and Strawberries?			0373
c. Nursery and Greenhouse crops?			0375
d. Hay (alfalfa and all other)?			0377
List All Other Commodities Below			
e.	0378		0379
f.	0380		0381
g.	0382		0383
h.	0384		0385
i.	0386		0387
j.	0388		0389
k.	0390		0391
l.	0392		0393
m.	0394		0395
n.	0396		0397
o.	0398		0399

4. CCC Loans

(Include regular and reserve loans, even if redeemed or forfeited.)

DOLLARS

- | | |
|---|------|
| a. How much was received for all commodities placed under CCC loan during 2000? | 0938 |
| b. What was the amount spent to repay all CCC loans during 2000?
<i>[If any of the crops redeemed from the CCC where sold in 2000, verify that these sales are recorded in Marketing Contracts (item 1) or Cash Sales (item 3). If the redeemed crops were not sold in 2000, their value should be reflected in Section J, item 4a.]</i> | 0939 |
| c. What was the face value of all outstanding CCC loans on December 31, 2000? | 0940 |

1 OPERATOR & PARTNERS DOLLARS	2 LANDLORD(S) DOLLARS	3 CONTRACTOR(S) DOLLARS
0941	0942	0943

5. What were the total **MARKETING CHARGES** paid by [column] for all crops in 2000, including commodities not yet sold?

Include:

- Check-off
- Commissions
- Drying
- Ginning
- Inspection
- Insurance
- Storage
- Quota or allotment rentals
- for tobacco or peanuts

MARKETING EXPENSE WORKSHEET

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

6. What was the total dollar amount this operation received in 2000 from deferred receipts for--

[Verify these deferred receipts are NOT included in Marketing Contracts (item 1) Production Contracts (item 2) or Cash Sales (item 3).]

- a. crops sold under Marketing Contracts in previous years?
- b. crops produced under Production Contracts in previous years?
- c. Cash or Open Market sales of crops in previous years?

DOLLARS

0944
0945
0946

7. If you produce genetically modified crops (GM), did you keep your genetically modified crops segregated for marketing purposes?

1	Did produce genetically modified crops and DID segregate for marketing	
2	Did produce genetically modified crops and DID NOT segregate for marketing
3	Did not produce genetically modified crops	

CODE

0947

8. Has this operation joined (pooled) with others to create a legal business operation separate from the farm (such as starting a cooperative or a limited liability corporation), to conduct specific functions for the farm, such as purchasing feed or breeding livestock, buying inputs, providing transportation, or marketing functions?

CODE

0948

YES = 1

SECTION D LIVESTOCK

Next, I need to ask about livestock and poultry on this operation on December 31, 2000.

1	2 On December 31, 2000, how many [column 1] were--	
1. Did this operation have any [item] on hand December 31, 2000?	--owned by this operation?	--NOT owned by this operation?
a. All beef cattle-- beef cows, heifers, steers, calves, bulls?	0078	0079
b. All dairy cattle-- including dairy cows, heifers, calves, bulls?	0080	0081
c. All hogs and pigs?	0082	0083
d. Sheep and lambs?	0084	0085
e. Hens and pullets of laying age-- Including egg and broiler type?	0086	0087
f. Broilers, fryers and other meat-type chickens?	0088	0089
g. Turkeys?	0090	0091
h. All other livestock and poultry? Specify type _____	0092	0093

2. [If SHARE RENTS from others and has livestock, ask--]
What was the estimated total value of your landlord's share of
livestock production in 2000?

(Exclude shared livestock production not part of a land rental arrangement.)

DOLLARS

0094

3. Did any OTHER operation grow livestock or poultry FOR this operation
under a contract arrangement in 2000? [Your operation is a contractor.]

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

1	2	3	4	5	6	7
What livestock or poultry were being raised or fed for you?	LIVESTOCK CODE	What was the market value of [type] on hand on contractee operations on Jan. 1, 2000?	What was the estimated market value (at placement) of [type] placed under contract DURING 2000?	How much was paid to contractees for production costs, INCLUDING fees for services?	How much were your GROSS receipts from [type] sold or removed under this contract?	On Dec. 31, 2000, what was the market value of unsold [type] remaining under contract?
[List type below.]	DOLLARS	DOLLARS	DOLLARS	DOLLARS	DOLLARS	DOLLARS
	0556	0557	0558	0559	0560	0561
	0562	0563	0564	0565	0566	0567
	0568	0569	0570	0571	0572	0573

SECTION E INCOME from LIVESTOCK and LIVESTOCK PRODUCTS

1. During 2000, did this operation have **MARKETING CONTRACTS** or formal agreements for any livestock or livestock products it produced?

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

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

Report Crop marketing contracts in Section C.

CONTRACTOR CODES for Column 3

1 Integrator	6 Other input company
2 Packer/Processor	7 Broker, consigner, or investor
3 Co-op or elevator	8 Another segment of the same company
4 Other farm(s) or farmer(s)	9 Retailer
5 Feed Company	10 Other (Specify in notes.)

1 What livestock or livestock products did this operation have MARKETING contracts for in 2000? [List each below.]	2 LIVESTOCK CODE	3 Who was the contractor? [Use Contractor codes.] CODE	4 What quantity of [commodity] was marketed through this contract? (Report landlord's share in Section D.) QUANTITY	5 UNIT CODE 1 POUND 2 CWT 3 TON 8 CARTON 9 DOZEN 11 HEAD 12 SQ FT 14 GALLONS	6 What was (will be) the FINAL PRICE RECEIVED per [Unit] by this operation for [commodity] marketed under this contract? [Same units as column 5.] DOLLARS & CENTS	7 What was the TOTAL DOLLAR AMOUNT received in 2000 from this contract? [Record receipts less marketing charges.] 1/ TOTAL DOLLARS
	0404	0405	0406	0407	0408 . __ __	0409
	0410	0411	0412	0413	0414 . __ __	0415
	0416	0417	0418	0419	0420 . __ __	0421
	0422	0423	0424	0425	0426 . __ __	0427

1/ Income received for commodities marketed or produced under contract in previous years should be recorded in item 5.

2. During 2000, did this operation have **PRODUCTION CONTRACTS** or formal agreements to produce any livestock or livestock products for a processor, packer, canner, integrator or another operation, etc.?

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

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

Report Crop production contracts in Section C.

1 What livestock or livestock products did this operation have PRODUCTION contracts for in 2000? [List each below.]	2 LIVESTOCK CODE	3 Who was the contractor? [Use Contractor codes.] CODE	4 What quantity of [commodity] was removed from the operation under this contract during 2000? (Report landlord's share in Section D.) QUANTITY	5 UNIT CODE 1 POUND 2 CWT 3 TON 8 CARTON 9 DOZEN 11 HEAD 12 SQ FT 14 GALLONS	6 What was (will be) the FINAL FEE RECEIVED per [Unit] by this operation for producing [commodity] under this contract? [Same units as column 5.] DOLLARS & CENTS	7 What were the TOTAL FEES RECEIVED under this contract in 2000? 1/ TOTAL DOLLARS
	0464	0465	0466	0467	0468 . __ __	0469
	0470	0471	0472	0473	0474 . __ __	0475
	0476	0477	0478	0479	0480 . __ __	0481
	0482	0483	0484	0485	0486 . __ __	0487

1/ Income received for commodities marketed or produced under contract in previous years should be recorded in item 5.

CASH or OPEN MARKET SALES -Livestock and Livestock Products

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

1	2 OPTIONAL		3
3. Which of these livestock and livestock products were sold for CASH or on the open market in 2000?	Amount Sold	Price X Per Unit	What was the NET dollar amount received (after deducting marketing expenses) for [column 1]? DOLLARS
a. Dairy and beef cattle sold for breeding stock ?			0524
b. Finished cattle? (cattle sold directly to slaughter)			0525
c. Feeder cattle? (cattle sold for finishing)			0526
d. All cull and other cattle?			0527
e. Hogs and pigs sold for breeding stock ?			0528
f. Market hogs (hogs sold directly to slaughter)?			0529
g. Feeder pigs?			0530
h. All other hogs and pigs?			0531
i. Milk and other dairy products? (Before deduction of any hauling fees.)			0532
j. Eggs?			0533
k. All other poultry and poultry products?			0534
l. ALL OTHER LIVESTOCK or livestock products-- including bees, fish, ducks, game birds, goats, honey, horses, mink, rabbits, all sheep, wool, etc.)			0535

4. What were the total MARKETING CHARGES this operation paid for [column] all livestock and livestock products in 2000? (Include check-off, commissions, feed, inspection, yardage, etc.)	1 OPERATOR & PARTNERS DOLLARS	2 LANDLORD(S) DOLLARS	3 CONTRACTOR(S) DOLLARS
		0550	0551

MARKETING EXPENSE WORKSHEET					
LIVESTOCK	EXPENSE NAME	FEE PER UNIT	UNIT	NUMBER OF UNITS	TOTAL MARKETING EXPENSE
		_ _ _ . _ _ _			
		_ _ _ . _ _ _			
		_ _ _ . _ _ _			

5. What was the total dollar amount this operation received in 2000 from deferred receipts for--	DOLLARS
a. Livestock or livestock products sold under Marketing Contracts in previous years?	0553
b. Livestock or livestock products produced under Production Contracts in previous years?	0554
c. Cash or Open Market sales of livestock or livestock products in previous years?	0555

SECTION F OTHER FARM INCOME

Now I'm going to ask about Government Program Payments.

1. What is the total dollar amount this operation received in 2000 for--	DOLLARS
a. Conservation Reserve Program (CRP) payments?	0578
b. Wetlands Reserve Program (WRP) payments?	0579
c. Environmental Quality Incentive Program (EQIP) payments?	0580
d. agricultural disaster payments? <i>(Include all market loss or disaster assistance payments)</i> <i>(Exclude Federal Crop Insurance indemnity and other indemnity payments,</i> <i>record in items 3e and 3f below.)</i>	0581
e. loan deficiency payments (LDP's)?	0582
f. transition payments? <i>(Also known as production flexibility contract or</i> <i>AMTA (Agricultural Market Transition Act) or Freedom to Farm Payments.)</i>	0583
g. other federal or state agricultural program payments? <i>(Specify _____)</i>	0584
2. What is your estimated total dollar amount your landlord(s) received in government payments for the acres you rented from them?	0585
3. In 2000, what was the total income received by you (the operator) and all partners for--	0586
a. Custom Work and machine hire <i>for others?</i>	0587
b. Grazing of livestock <i>(Exclude contract arrangements.)</i>	0588
c. Recreation such as hunting, fishing, petting zoos, horseback riding, on-farm rodeos, etc.	0589
d. Sales of all Forest Products? <i>(Firewood, timber, etc.)</i> <i>(Exclude maple syrup and Christmas trees.)</i>	0590
e. Sales of Farm Machinery and Vehicles <i>(farm share only)?</i>	0591
(1) How much of this <i>(item 3e)</i> was for sales to other farmers?	0592
f. Federal Crop Insurance and other insurance indemnity payments?	0593
g. Cooperative Patronage Dividends and Refunds?	0594
h. Tobacco settlement payments?	0595
i. All Other Farm Related Sources of Income? <i>(Show OTHER FARM INCOME in Respondent Booklet.)</i> <i>[This may be a negative (-) number for hedging losses.]</i>	0595

SECTION G 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 2000, how much was spent for
 (item) by [column]--

OPERATING EXPENSES

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

Include technology fees.
Exclude items purchased only for direct resale.

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

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

0606	0607	0608
------	------	------

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

b. How much of this (item 3) was for the DAIRY enterprise?

0612	0613	0614
0618	0619	0620

4. Livestock purchases of--

- a. Breeding stock for beef cattle, dairy cattle, hogs and sheep?
- b. Other cattle, calves, hogs and pigs?
 [*Report other sheep in item 4d.*]
- c. Chickens and turkeys?
 [*Report ducks and game birds in item 4d.*]
- d. Other livestock and poultry, including other sheep and lambs, bees, brooder fish, fingerlings, etc.?

0621	0622	0623
0624	0625	0626
0627	0628	0629
0630	0631	0632

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

a. How much of this (item 5) was for the DAIRY enterprise?

0633	0634	0635
0636	0637	0638

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

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

0639	0640	0641
0642	0643	0644

7. Bedding and litter for livestock?

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

0645	0646	0647
0648	0649	0650

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

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

- (1) How much of this (item 8a) was for bST?
- (2) How much of this (item 8a) was for DHIA fees?

0651	0652	0653
0654	0655	0656
0657	0658	0659
0660	0661	0662

**In 2000, how much was spent for
(item) by [column]--**

1 Operator and partners?	2 Landlord(s)?	3 Contractor(s)?
DOLLARS	DOLLARS	DOLLARS
0663	0664	0665
0684	0685	0686
0687	0688	0689
0690	0691	0692
0693	0694	0695

**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?**

- (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 DAIRY enterprise?

10. Electricity for the farm business?

- a. How much of the total electricity expense (item 10) was for irrigation?
- b. How much of the total electricity expense (item 10) was for drying?
- c. How much of the total electricity expense (item 10) was for specialized livestock production facilities-- such as dairies, feedlots, poultry houses, swine buildings, etc?
- (1) How much of this (item 10c) was for the DAIRY enterprise?

0696	0697	0698
0702	0703	0704
0708	0709	0710
0711	0712	0713

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

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

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

0720	0721	0722
------	------	------

SUPPLIES and REPAIRS

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

0723	0724	0725
------	------	------

14. Repairs, parts and accessories for motor vehicles, machinery and farm equipment?

Include: drying equipment, frost protection, tune-ups, overhauls, repairs to livestock equipment, replacement parts for machinery, tubes, tires, and accessories such as air conditioners, CB's, radios and hydraulic cylinders.

- a. How much of this (item 14) was for the DAIRY enterprise?

0726	0727	0728
------	------	------

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

15. Maintenance and repair for the upkeep of all farm buildings, houses other than the operator's, land improvements, and all other farm/ranch improvements?

Include: conservation improvements, corrals, feeding floors, feedlots, gravel, land drainage structures, tiling, trench, silos, wells, and facilities for farm workers.

Exclude: any new construction or remodeling.

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

In 2000, how much was spent for
(item) by [column]--

SUPPLIES and REPAIRS

15. Continued--

a. How much of this item (item 15) was for specialized livestock production facilities-- such as dairies, feedlots, poultry houses, swine buildings?

(1) How much of this (item 15a) was for the DAIRY enterprise?

b. How much of this (item 15) was for irrigation equipment and pumps?

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.

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.

Exclude health insurance and other payroll insurance items

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

18. Interest and fees paid on debts--

(**Include** interest paid on the operator's house if owned by the operation and service fees on CCC loan redemptions.)

19. Property taxes paid on--

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

20. Renting or leasing of tractors, vehicles, equipment or storage structures

(**Include** farm machinery, cars, trucks, irrigation equipment and other equipment.)

21. Vehicle registration and licensing fees?

22. Depreciation expense claimed by this operation in 2000 for all capital assets (If partnership, include amounts claimed by all partners in this operation.) . . .

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

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

1 Operator and partners?	2 Landlord(s)?	3 Contractor(s)?
DOLLARS	DOLLARS	DOLLARS
0735	0736	0737
0738	0739	0740
0741	0742	0743
0747	0748	0749
0750	0751	0752
0753	0754	0755
0756	0757	0758
0759	0760	0761
0762	0763	0764
0765	0766	0767
0768	0769	0770
0771		
0772		
0773	0774	0775
0776	0777	0778

In 2000, how much was spent for (item) by [column]--

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

1 Operator and partners?	2 Landlord(s)?	3 Contractor(s)?
DOLLARS	DOLLARS	DOLLARS
0779	0780	0781
0782	0783	0784
0785	0786	0787

- a. You (the operator)
- b. Your (the operator's) spouse and other household members?
- c. All other paid farm and ranch labor?

25. Payroll taxes and benefits for paid labor?

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

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

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

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

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

Exclude - contract work for building construction, repairs, or farm improvements; -payments to other operations that fed/raised livestock under contract FOR this operation.

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

0794	0795	0796
------	------	------

0797	0798	0799
------	------	------

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

- a. Hauling-- Include all custom grain, livestock, milk, manure, and other custom hauling?
(1) How much of the custom hauling expense (item 27a) was for hauling milk?

0800	0801	0802
0803	0804	0805

- b. All other custom work done on this operation including machine hire, and rental of machinery and equipment? (Report custom livestock services in item 7.)
(1) How much of the other custom work expense (item 27b) was for the DAIRY enterprise?

0814	0815	0816
0817	0818	0819

28. For workers who were members of your (the operator's) household, what was the cash value of any commodities provided to them as payment for farm work?
[Example: a share of crop, calves, etc.]

DOLLARS
0823

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?

0824

*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.)

0825

1 Operator & Partners? DOLLARS	2 Landlord(s)? DOLLARS	3 Contractor(s)? DOLLARS
0826	0827	0828

31. General Business Expenses?

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

CAPITAL EXPENDITURES

Report the total cost for the following capital expenditures during 2000.

	DOLLARS	DOLLARS	DOLLARS
32. Improvements on land such as land preparation, irrigation improvements, well drilling, ponds, feedlots, trench silos, lagoons, new fences, etc. (Exclude moveable equipment.)	0829	0830	0831
33. 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.)	0832	0833	0834
34. New construction or remodeling of the Operator's Dwelling, if owned by the operation	0835	0836	0837

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 2000.

35. Cars - Include new or used		DOLLARS	0838
a. What percentage of this was the Farm's Share? ..	PERCENT	0839	
36. Trucks - Include new or used trucks, pickups, sport utility vehicles, vans, campers and buses		DOLLARS	0840
a. What percentage of this was the Farm's Share? ..	PERCENT	0841	
37. Tractors - Include new or used		DOLLARS	0842
38. Self-Propelled Farm Equipment including implements and self-propelled equipment for livestock, dairy, or poultry production (Include farm share only.)		DOLLARS	0843
39. Other Farm Machinery and Non-Self Propelled farm equipment and pumps and capital equipment for livestock, dairy and poultry (Includes farm share only.)		DOLLARS	0844
40. Office equipment, furniture and computers that were placed on a depreciation schedule?		DOLLARS	0845
41. All Other Capital Expenditures (Include all other capital expenditures which were placed on a depreciation schedule.)		DOLLARS	0846
Specify: _____	Operator & Partners? DOLLARS	Landlord(s)? DOLLARS	Contractor(s)? DOLLARS
42. What other expenses did this operation have in 2000 that I have not recorded?	0847	0848	0849
[List each expense item and amount.]			

SECTION H FARM LABOR

Exclude contract labor and custom work performed on another farm or ranch.

1. Next, I need to get your best estimate of the time spent doing work on this operation in 2000.

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

- a. You (the operator) do farm/ranch work during [column], including paid and unpaid hours?
- c. Unpaid workers (such as partners, family members, etc.) do farm/ranch work during [column], including unpaid hours only?

1 JAN, FEB & MAR HOURS/WEEK	2 APRIL, MAY & JUNE HOURS/WEEK	3 JULY, AUG & SEPT HOURS/WEEK	4 OCT, NOV & DEC. HOURS/WEEK
0860	0861	0862	0863
0868	0869	0870	0871

SECTION I DAIRY ENTERPRISE LABOR

Next I have some questions about labor used on the DAIRY enterprise. *(Exclude work done to produce feed for the dairy.)*

Exclude contract labor.

1. I need your best estimate of the time spent doing work on the DAIRY enterprise in 2000 by you (the operator) and unpaid workers.

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

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

1 JAN, FEB & MAR HOURS/WEEK	2 APRIL, MAY & JUNE HOURS/WEEK	3 JULY, AUG & SEPT HOURS/WEEK	4 OCT, NOV & DEC. HOURS/WEEK
1200	1201	1202	1203
1204	1205	1206	1207

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

PERCENT

1208	_	_	_
------	---	---	---

Exclude contract labor.

2. Now, I need your best estimate on the time spent doing work on the DAIRY enterprise by PAID workers. *[Exclude the operator's hours.]*

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

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

1 JAN, FEB & MAR HOURS/WEEK	2 APRIL, MAY & JUNE HOURS/WEEK	3 JULY, AUG & SEPT HOURS/WEEK	4 OCT, NOV & DEC. HOURS/WEEK
1209	1210	1211	1212
1213	1214	1215	1216

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

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

DOLLARS & CENTS	&	CODE
1217	.	1218
1219	.	1220

SECTION J FARM ASSETS

1. Next, 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, 2000? (Include owned assets on rented land.)

DOLLARS

a. Farm Operator's Dwelling, if owned by the operation?

0890

b. All other Dwellings?

0891

c. All other Farm Buildings and Structures?
(Include barns, cribs, grain bins, greenhouses, silos, storage sheds, etc.)

0892

d. Orchard trees and vines, and trees grown for wood products?

0893

e. Land (Excluding houses, buildings, orchard trees and vines, and trees grown for wood products.)?

0894

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.)

0895

3. What is the Estimated Market Value of the land and buildings on the acres RENTED TO OTHERS?
(Reported in Section A, item 3.)

0896

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

a. Crops owned and stored on or off this operation on--
(Include specialty crops, hay, silage, and nursery and greenhouse products not in the ground. Exclude crops under CCC loans.)

beginning of year --Jan. 1, 2000? DOLLARS	end of year -Dec. 31, 2000? DOLLARS
---	---

0897	0898
------	------

b. Breeding livestock OWNED BY and LOCATED ON this operation on--

0899	0900
------	------

c. Non-breeding livestock and poultry OWNED BY and LOCATED ON this operation on--
(Including aquaculture, bees, cattle, equine, hogs, mink, poultry, sheep, etc.)

0901	0902
------	------

d. Production inputs owned by this operation such as feed, fertilizer, chemicals, fuels, parts, purchased seed and other supplies, etc on--

0903	0904
------	------

e. Production inputs already used for cover crops or crops not yet harvested, also known as sunk costs on--

0905	0906
------	------

f. Trucks and cars OWNED by the operation on-- (farm share only)

	0908
--	------

g. Tractors, machinery, tools, equipments and implements OWNED by the operation on--

	0911
--	------

h. Stock in Farm Credit System and other farm cooperatives?

	0913
--	------

5. How much was OWED TO this operation for sales or production of crops, livestock, livestock products, poultry or poultry products from 2000 and earlier years?

beginning of year --Jan. 1, 2000? DOLLARS	end of year --Dec. 31, 2000? DOLLARS
---	--

0914	0915
------	------

6. [Show OTHER FARM ASSETS & VALUE CODES in Respondent Booklet.]
On December 31, 2000, what value code represents the estimated MARKET VALUE of all other farm assets owned by this operation?

(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.)

VALUE CODE

0916

SECTION K FARM DEBT

DOLLARS

1. What was the maximum amount of seasonal production loans (or other loans) taken out AND repaid in 2000?

10998

2. Did this operation owe any money to banks, co-ops, individuals, merchants or Federal agencies at the end of 2000?

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

3. Next, in order to correctly estimate the financial position of farms, their ability to service debt, and to categorize debt by types, we need to list each loan this operation had on December 31, 2000.

(Include farm/ranch loans, any loans for non-farm purposes that are secured by assets of the farm/ranch and debt on the operator's house if owned by the operation.)

1 Who was the lender? <i>(Show lender codes in Respondent Booklet.)</i> [Enter Lender Code.]	2 What was the balance owed on Dec. 31, 2000 including outstanding principal plus unpaid interest? DOLLARS	3 What was the interest rate? [Example 9% = 09.00] PERCENT	4 What was the original term of the loan? YEARS	5 What year was it obtained? YEAR	6 What percent was for FARM purposes? [Example 50% = 50] PERCENT	7 [If column 1 is NOT code 2 or 3, ask--] Was this loan guaranteed by-- 1 - FSA/FmHA? 2 - SBA? 3 - OTHER Government Agency _____? 4 - (Not Guaranteed by Government Agency) [Enter code.]
1001	1002	1003 __ . __	1004	1005 __ __ __	1006 __ __ __	1007
1008	1009	1010 __ . __	1011	1012 __ __ __	1013 __ __ __	1014
1015	1016	1017 __ . __	1018	1019 __ __ __	1020 __ __ __	1021
1022	1023	1024 __ . __	1025	1026 __ __ __	1027 __ __ __	1028
1029	1030	1031 __ . __	1032	1033 __ __ __	1034 __ __ __	1035

4. [If more than 5 loans, ask--]
How many farm loans were there in addition to the five I've just recorded?

NUMBER
1036

a. What was the total amount of debt owed on December 31, 2000 on these (item 4) loans?

DOLLARS
1037

OFFICE USE

0999

SECTION L FARM OPERATOR

1. In 2000, 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

1040

a. [If item 1 is code 3 or 4, ask--]

Were there more than 10 stockholders?

- 1 YES
- 3 NO

CODE

1041

2. In 2000, what was your (*the operator's*) major occupation?

- 1 Farm or ranch work
- 2 Hired manager
- 3 Something else
- 4 Retired

CODE

1042

3. How old were you (*the operator*) on your last birthday?

AGE

1043

4. In what year did you (*the operator*) begin making day-to-day decisions for any farm/ranch?

YEAR

1044

_ _ _ _

5. What is the *highest* level of formal education you (*the operator*) 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

CODE

1045

6. Which of these do you (*the operator*) consider yourself? Are you--

- 1 American Indian or Alaskan Native?
- 2 Asian American or Pacific Islander American?
- 3 Black, not of Hispanic Origin?
- 4 Spanish/Hispanic?
- 5 White, not of Hispanic Origin?
- 6 Other Race (*Specify* _____)?

CODE

1046

SECTION M FARM HOUSEHOLD

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

1 YES - Go to Section N , next page.
3 NO - Continue.

CODE
0950

2. **Did you (the operator) work off this farm for wages or a salary in 2000?** *(Include proprietorship of any off-farm business.)*

1 YES
3 NO

CODE
0951

 - a. How many weeks did you (the operator) work off this farm for pay in 2000?

WEEKS
0952
 - b. During the weeks you worked off this farm for pay, how many hours per week did you usually work off-farm?

HOURS PER WEEK
0953

3. **Did your spouse (the operator's) work off this farm for wages or salary in 2000?** *(Include proprietorship of any off-farm business.)*

1 YES
2 NO SPOUSE
3 NO

CODE
0954

 - a. How many weeks did your spouse (the operator's) work off this farm for pay in 2000?

WEEKS
0955
 - b. During the weeks your spouse worked off this farm for pay, how many hours per week did your spouse usually work off-farm?

HOURS PER WEEK
0956

4. **[Show VALUE CODES in Respondent Booklet.]**
Which value code represents all other cash income you (the operator) and all other household members received in 2000?
(Include off-farm pay before taxes, net cash income from operating any other business, net cash income from cash or share-renting farm land to others including land rented from this and all other operations, gross income from interest and dividends, income from disability, military retirement, Social Security, unemployment, Veteran's benefits, other public retirement and public assistance programs, any other non-farm sources of income.)

VALUE CODE
0964

5. **Did any household(s) besides the operator's share in the net income of this operation during 2000?**

1 YES - Continue.
3 NO - Go to item 6.

CODE
0965

 - a. How many households besides yours shared in the net farm income of this operation?

NUMBER
0966
 - b. What percent of the net income did you (the operator) and your household receive?

PERCENT
0967

6. **[Show VALUE CODES in Respondent Booklet.]**
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, 2000-
(Include cash, checking, savings, retirement accounts, corporate stock, real estate not part of the farm and all other non-farm assets.)

VALUE CODE
0968

7. **[Show VALUE CODES in Respondent Booklet.]**
Which value code represents the total value of all non-farm debt owed by the operator and members of the operator's household on December 31, 2000?
(Exclude farm debt reported earlier.)

VALUE CODE
0969

8. **[Show VALUE CODES in Respondent Booklet.]**
Which value code represents the total amount spent on household and family living expenses in 2000
(Include food, household supplies, rent/mortgage, utilities, appliances/furnishings, non-farm transportation, medical expenses, insurance, contributions to retirement plans, all other family living expenses such as clothing, education, hobbies, recreation, gifts, magazines, charitable contributions, etc.)

VALUE CODE
0970

SECTION N DAIRY SCREENING, INVENTORY, and MILK PRODUCTION

1. Regardless of ownership, what was the largest number of DAIRY COWS MILKED on this operation at any time in 2000? HEAD
1225

2. [Enumerator Action: If item 1 shows--
 ♦ Less than 10 cows - Go to back page, Conclusion.
 ♦ 10 or more cows - Continue.

3. How many months during 2000 was this operation in the dairy business? MONTHS
1226

4. How many years has this operation been producing milk? YEARS
1227

5. How many *more* years do you expect this operation will be producing milk? CODE
1228

1	Less than one year
2	One year
3	2 - 5 years
4	6 - 10 years
5	11 - 19 years
6	20 or more years

6. Now I have some questions about the number and type of dairy cattle on this operation, regardless of ownership.

1	2	3
	BEGINNING OF YEAR --on hand January 1, 2000? HEAD	END OF YEAR --on hand December 31, 2000? HEAD
a. milk cows	1229	1230
b. dry cows	1231	1232
c. breeding bulls	1233	1234

7. During 2000, How many hundredweight (cwt) of milk did this operation--

a. sell?	AMOUNT 1235
b. use on the farm? (<i>Include home use and milk fed to calves.</i>)	1236
c. waste, dump, or lose to contamination?	1237
d. Then the total milk produced in 2000 was - (<i>a + b + c must equal d</i>)?	1238

8. What was the average amount of marketing charges this operation paid for milk sold in 2000?
 (*Include involuntary co-op dues.*
Exclude milk hauling.) DOLLARS PER CWT.
1239 • _

SECTION O PURCHASES and DEATH LOSS

1. The next questions are on purchases of dairy animals during 2000.

1	2 How many head of [column 1] were purchased during 2000? HEAD	3 What was the total amount spent on these [column 2] animals? DOLLARS
a. milk cows	1240	1241
b. replacement heifers weighing 500 pounds or more (<i>include springers</i>)	1242	1243
c. breeding bulls weighing 500 pounds or more	1244	1245
d. replacement calves under 500 pounds (<i>heifers and bulls</i>)	1246	1247

2. How many heifers born on this operation in 2000 were kept for breeding?

HEAD

1248

3. During 2000, How many head of--

- a. milk cows died?
- b. replacement heifers (*weighing 500 pounds or more*) died?
- c. breeding bulls (*weighing 500 pounds or more*) died?
- d. calves under 500 pounds (*heifers and bulls*) died?

1249
1250
1251
1252

SECTION P SALES and OTHER INCOME

1. The next few questions are about sales and other income from this DAIRY operation during 2000.

1	2 How many [column 1] did this operation sell in 2000? HEAD	3 What was the total amount received for sales of [column 2] (net of marketing charges, etc.)? DOLLARS	4 What was the average weight per head of the [column 2] sold in 2000? POUNDS PER HEAD
a. cull cows	1253	1254	1255
b. all milk cows (including dry cows)	1256	1257	1258
c. heifers for herd replacement	1259	1260	1261
d. cull bulls	1262	1263	1264
e. breeding bulls	1265	1266	1267
f. other dairy calves	1268	1269	1270

2. What was the *amount paid* for commissions, marketing charges, etc. for ALL dairy animals sold/removed during 2000?
(Exclude transportation charges.)
- | | | | |
|--|------------------|----|---------------|
| | DOLLARS PER HEAD | OR | TOTAL DOLLARS |
| | 1271 | | 1272 |
-
3. How much did this operation receive from renting or leasing dairy stock to other operations during 2000?
4. How much did this operation receive from renting space to other dairy operations?
5. How much did this operation receive from co-ops as patronage dividends associated with the dairy
6. How much did this operation receive from assessment rebates, refunds, and other dairy related sources?
(Include capital retains or equity payments returned to the operation.)
7. What was the total amount of dairy related capital retains withheld by co-ops for this operation during 2000?
- | | DOLLARS |
|--|---------|
| | 1273 |
| | 1274 |
| | 1275 |
| | 1276 |
| | 1277 |

SECTION Q DAIRY FEED, PASTURE, and BEDDING

PURCHASED FEED TYPE CODES <i>Column 1</i>	
1	HIGH MOISTURE CORN (>20%)
2	LOW MOISTURE CORN
3	BARLEY
4	HIGH MOISTURE SORGHUM/MILO (>20%)
5	LOW MOISTURE SORGHUM/MILO
6	WHEAT
7	OATS
8	OTHER FEED GRAINS
9	NON-PROTEIN BY-PRODUCTS
10	COMPLETE FEED MIXES <i>(commercial or custom)</i>
11	COTTON SEED MEAL
12	PROTEIN SUPPLEMENTS
13	PROTEIN BY-PRODUCTS
14	VITAMIN OR MINERAL SUPPLEMENTS
15	ALFALFA HAY <i>(Include alfalfa hay mixtures)</i>
16	OTHER hay
17	STRAW
18	CORN SILAGE
19	SORGHUM / MILO SILAGE
20	OTHER SILAGE OR HAYLAGE
21	ALFALFA CUBES OR PELLETS
22	GREEN CHOP, ALL
23	CORN STALKS
24	MILK, milk replacer or calf starter
25	LIQUID WHEY
26	ANTIBIOTICS or OTHER MEDICATED ADDITIVES

FACILITY TYPE CODES DAIRY FEED <i>Column 6</i>	
21	AIRTIGHT UPRIGHT SILO
22	OTHER UPRIGHT SILO
23	BIN/TANK FOR HIGH MOISTURE GRAIN
24	BIN FOR GRAIN
25	METAL FEED TANK
26	OTHER BIN/TANK
27	CORN CRIB
28	OPEN BARN/SHED
29	CLOSED BARN/SHED
30	TRENCH OR BUNK SILO
31	SLAB
32	HAY TARP
33	PLASTIC BAGGING

1. Did you PURCHASE any feed for dairy cattle on this operation in 2000?

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

1 Which of these feeds were PURCHASED and fed to dairy cattle on this operation in 2000? [Show Purchased Feed Type Codes.]		2 What was the total amount of [column 1] fed to dairy cattle?	3 UNIT CODE 1 POUNDS 2 CWT 3 TONS 4 BUSHELS 12 GALLONS	4 Enter frequency code for amount reported in [column 2] 1 PER DAY 2 PER WEEK 3 PER MONTH 4 PER YEAR	5 What was the total amount spent on all purchased feed?	6 What type of facility was most of this [column 1] feed stored in? [Show Facility Type Codes.]
NAME	CODE		CODE	CODE	DOLLARS	CODE
	1278	1279	1280	1281	1282	1283
	1284	1285	1286	1287	1288	1289
	1290	1291	1292	1293	1294	1295
	1296	1297	1298	1299	1300	1301
	1302	1303	1304	1305	1306	1307
	1308	1309	1310	1311	1312	1313
	1314	1315	1316	1317	1318	1319
	1320	1321	1322	1323	1324	1325
	1326	1327	1328	1329	1330	1331

HOMEGROWN FEED TYPE CODES*Column 1*

1	HIGH MOISTURE CORN (>20%)	9	OTHER FEED GRAINS
2	LOW MOISTURE CORN	10	ALFALFA HAY (include alfalfa hay mixture)
3	BARLEY	11	OTHER HAY
4	HIGH MOISTURE SORGHUM/MILO	12	STRAW
5	LOW MOISTURE SORGHUM/MILO	13	CORN SILAGE
6	WHEAT	14	SORGHUM / MILO SILAGE
7	OATS	15	OTHER SILAGE or HAYLAGE
8	SOYBEANS	16	GREEN CHOP, ALL

FEED FACILITY TYPE CODES*Column 6*

21	AIRTIGHT UPRIGHT
22	OTHER UPRIGHT SILO
23	BIN/TANK FOR HIGH MOISTURE GRAIN
24	BIN FOR GRAIN
25	METAL FEED TANK
26	OTHER BIN/TANK
27	CORN CRIB
28	OPEN BARN/SHED
29	CLOSED BARN/SHED
30	TRENCH OR BUNK SILO
31	SLAB
32	HAY TARP
33	PLASTIC BAGGING

2. Was any HOMEGROWN feed fed to dairy cattle on this operation in 2000?

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

1 What type of HOMEGROWN feed was fed? [Show Homegrown Feed Type Codes.]		2 What was the total amount of [column 1] fed to dairy cattle?	3 UNIT CODE 1 POUNDS 2 CWT 3 TONS 4 BUSHELS 12 GALLONS	4 Enter frequency code for amount reported in [column 2] 1 PER DAY 2 PER WEEK 3 PER MONTH 4 PER YEAR	5 What type of facility was most of this [column 1] feed stored in? [Show Feed Facility Codes.]
NAME	CODE		CODE	CODE	CODE
	1356	1357	1358	1359	1360
	1361	1362	1363	1364	1365
	1366	1367	1368	1369	1370
	1371	1372	1373	1374	1375
	1376	1377	1378	1379	1380
	1381	1382	1383	1384	1385
	1386	1387	1388	1389	1390
	1391	1392	1393	1394	1395
	1396	1397	1398	1399	1400

3. Did this operation use pasture or cropland to graze dairy cattle during 2000?

YES - [Complete table below.] **NO** - [Go to item 5.]

1 What type of crop land was used?	2 How many acres of [column 1] did this operation own? ACRES	3 How many acres of [column 1] did this operation rent or lease? ACRES	4 What was the dollar amount spent to rent or lease these [column 3] acres? DOLLARS
Native or permanent pasture	1421	1422	1423
Planted or improved pasture	1424	1425	1426
Small grains pasture	1427	1428	1429
Crop residue (example corn stalks)	1430	1431	1432
Other grazed forages	1433	1434	1435

4. [If pasture used, ask—, else go to item 5.]

CODE

1436

Did this operation use a rotational grazing strategy on these pastures? YES = 1

5. Did this operation use any bedding produced on the operation or obtained for free for the dairy cattle in 2000?

YES - [Complete table below.] **NO** - [Go to Section R.]

1 What type of home grown (or free) bedding was used?	2 How much was used? AMOUNT	3 UNIT CODE 1 POUNDS 2 CWT 3 TONS CODE	4 Enter frequency code for amount reported in column 2 1 PER DAY 2 PER WEEK 3 PER MONTH 4 PER YEAR CODE	5 What was the market value of the bedding? DOLLARS
Hay	1437	1438	1439	1440
Straw	1441	1442	1443	1444
Newspaper	1445	1446	1447	1448
Sawdust/wood chips	1449	1450	1451	1452
Other	1453	1454	1455	1456

SECTION R HOUSING**HOUSING FACILITY TYPE CODES***Column 1*

1	STANCHION BARNS or TIE STALL BARNS
2	LOAFING BARNS or LOOSE HOUSING
3	FREESTALL BARNS
4	CALF BARNS
5	FEEDING BARNS
6	DRY LOT CORRALS / SUN SHADES
7	SUPER HUTCHES
8	CALF HUTCHES

FRAME TYPE CODES*Column 3*

10	WOOD
11	MASONRY
12	STEEL
13	POLE
14	PRE-FABRICATED MATERIAL

FLOOR TYPE CODES*Column 4*

20	PARTLY SLOTTED
21	FULLY SLOTTED
22	SOLID CONCRETE
23	WIRE
24	WOOD
25	DIRT

MANURE HANDLING CODES*Column 5*

30	SHALLOW PIT (<i>less than 2 feet</i>)
31	DEEP PIT (<i>2 feet or more</i>)
32	FLUSH GUTTER - OPEN
33	FLUSH GUTTER - CLOSED
34	SCRAPE GUTTER - OPEN
35	SCRAPE GUTTER - CLOSED
36	DRY LOT TRUCK REMOVAL
37	OTHER

1. Next I need some information about dairy cattle housing used on the operation in 2000.

1 What types of housing facilities were used? <i>[Enter Facility Type codes.]</i> CODE	2 How many of these facilities were used? NUMBER	3 What type of frame does it have? <i>[Enter Frame Type codes.]</i> CODE	4 What type of floor does it have? <i>[Enter Floor Type codes.]</i> CODE	5 What type of manure handling method was used in this facility? <i>[Enter Manure Handling codes.]</i> CODE	6 How many total head can these facilities house at one time? HEAD	7 What is the average age of these buildings since last remodeled? YEARS
1460	1461	1462	1463	1464	1465	1466
1467	1468	1469	1470	1471	1472	1473
1474	1475	1476	1477	1478	1479	1480
1481	1482	1483	1484	1485	1486	1487
1488	1489	1490	1491	1492	1493	1494
1495	1496	1497	1498	1499	1500	1501

SECTION S MILKING FACILITIES

MILKING FACILITY TYPE CODES

Column 1

1	HERRINGBONE PARLOR
2	PARALLEL PARLOR
3	SIDE OPENING PARLOR
4	POLYGON PARLOR
5	CAROUSEL PARLOR
6	OTHER PARLOR
7	BARN WITH AROUND THE BARN PIPELINE
8	PAIL UNITS / BUCKET MILKERS

FRAME TYPE CODES

Column 3

10	WOOD
11	MASONRY
12	STEEL
13	POLE
14	PRE-FABRICATED MATERIAL

FLOOR TYPE CODES

Column 4

20	PARTLY SLOTTED
21	FULLY SLOTTED
22	SOLID CONCRETE
23	WIRE
24	WOOD
25	DIRT

MANURE HANDLING CODES

Column 5

30	SHALLOW PIT (<i>less than 2 feet</i>)
31	DEEP PIT (<i>2 feet or more</i>)
32	FLUSH GUTTER - OPEN
33	FLUSH GUTTER - CLOSED
34	SCRAPE GUTTER - OPEN
35	SCRAPE GUTTER - CLOSED
36	DRY LOT TRUCK REMOVAL
37	OTHER

1. Next I need some information about milking facilities used on the operation in 2000.

1 What types of milking facilities were used? [Enter Facility Type codes.] CODE	2 How many of these facilities were used? NUMBER	3 What type of frame does it have? [Enter Frame Type codes.] CODE	4 What type of floor does it have? [Enter Floor Type codes.] CODE	5 What type of manure handling method was used in this facility? [Enter Manure Handling codes.] CODE	6 What was the total number of stalls in all of these facilities? NUMBER	7 What was the total number of milking units in all of these facilities? NUMBER	8 What is the average age of these buildings since last remodeled? YEARS
1502	1503	1504	1505	1506	1507	1508	1509
1510	1511	1512	1513	1514	1515	1516	1517
1518	1519	1520	1521	1522	1523	1524	1525
1526	1527	1528	1529	1530	1531	1532	1533
1534	1535	1536	1537	1538	1539	1540	1541
1542	1543	1544	1545	1546	1547	1548	1549

2. How many times per day was the herd milked in 2000?	<p style="text-align: center;">NUMBER</p> <div style="border: 1px solid black; padding: 2px; width: 100%;">1550</div>
3. How many hours per day was the milking system in operation during 2000?	<p style="text-align: center;">HOURS PER DAY</p> <div style="border: 1px solid black; padding: 2px; width: 100%;">1551</div>
4. How often was your milk usually picked up?	<div style="border: 1px solid black; padding: 2px; width: 150px;"> <p>1 ONCE A DAY</p> <p>2 EVERY OTHER DAY</p> <p>3 MORE THAN ONCE A DAY</p> </div> <p style="text-align: center;">CODE</p> <div style="border: 1px solid black; padding: 2px; width: 100%;">1552</div>
5. How many bulk tanks and/or milk silos did this operation use in 2000?	<p style="text-align: center;">NUMBER</p> <div style="border: 1px solid black; padding: 2px; width: 100%;">1553</div>
a. What was the total (<i>combined</i>) capacity of these tanks/silos?	<p style="text-align: center;">GALLONS</p> <div style="border: 1px solid black; padding: 2px; width: 100%;">1554</div>
6. Did the milking units have automatic takeoffs?	<p style="text-align: center;">CODE</p> <div style="border: 1px solid black; padding: 2px; width: 100%;">1555</div>
7. Did this operation use a holding pen with an udder washer?	<div style="border: 1px solid black; padding: 2px; width: 100%;">1556</div>
8. Was the milking system(s) computerized?	<div style="border: 1px solid black; padding: 2px; width: 100%;">1557</div>
9. How many cows in the milking herd were injected with bST in 2000?	<p style="text-align: center;">NUMBER</p> <div style="border: 1px solid black; padding: 2px; width: 100%;">1558</div>
a. [<i>If any, ask-</i>] How many times per month were these cows injected with bST?	<div style="border: 1px solid black; padding: 2px; width: 100%;">1559</div>
b. [<i>If any, ask-</i>] What percentage increase in milk production do you attribute to the use of bST?	<p style="text-align: center;">PERCENT</p> <div style="border: 1px solid black; padding: 2px; width: 100%;">1560</div>
10. Considering your pasture, corrals, building sites, manure storage, etc., how many total acres of land were used in the dairy operation during 2000? <i>(Exclude acres used to produce crops to feed and bed the dairy cattle and acres to which dairy manure was applied.)</i>	<p style="text-align: center;">ACRES</p> <div style="border: 1px solid black; padding: 2px; width: 100%;">1561</div>

SECTION T VEHICLES, TRUCKS and TRACTORS

1. Now I'm going to ask questions about all the *vehicles, trucks and tractors* used for dairy production on this operation in 2000.

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

VEHICLE USE

1 VEHICLE TYPE →	2 How many [column 1] were there? NUMBER	3 What percent of the total farm use was for DAIRY production in 2000? PERCENT
a. Pick-ups, Cars & Sport Utility Vehicles .	1570	1571 ____
b. ATVs, Carts & Motorcycles	1572	1573 ____

TRUCK USE

1 What trucks were used for dairy production in 2000? → (Exclude pick-ups) MAKE/MODEL	2 Is this truck- 1 diesel? 2 gasoline? 3 LP gas? 4 Natural gas? 9 other? CODE	3 Is it- 1 single axle? 2 tandem axle? 3 semi? CODE	4 What percent of the total farm use was for DAIRY production in 2000? PERCENT
	1574	1575	1576 ____
	1577	1578	1579 ____
	1580	1581	1582 ____
	1583	1584	1585 ____

TRACTOR USE

1 What tractors were used for dairy production in 2000? → MAKE/MODEL	2 Is this tractor- 2 2-wheel drive? 3 2-wheel drive with front wheel assist? 4 4-wheel drive? 5 crawler? 6 other? CODE	3 What is its PTO horsepower? PTO HORSEPOWER	4 Is it- 1 diesel? 2 gasoline? 3 LP gas? 4 Natural gas? 9 other? CODE	5 What percent of the total farm use was for DAIRY production in 2000? [Exclude use to produce feed.] PERCENT
	1586	1587	1588	1589 ____
	1590	1591	1592	1593 ____
	1594	1595	1596	1597 ____
	1598	1599	1600	1601 ____

SECTION U MACHINERY and EQUIPMENT

1. [Show Machinery Codes in Respondent Booklet.]

Were any of these machinery and equipment used on the dairy operation in 2000, for handling feed, manure and for miscellaneous operations?

FEED HANDLING EQUIPMENT CODES	
1	PORTABLE GRINDER MIXER
2	STATIONARY GRINDER MIXER
3	FEED GRINDER
4	FEED MIXER
5	PRE-MIXER
6	ROLLER MILL
7	HAMMER MILL
8	SELF-UNLOADING WAGON
9	FEED CONVEYING SYSTEM (chain, auger, etc.)
10	LIQUID FEEDING SYSTEM
11	FARM UTILITY WAGON
12	UPRIGHT SILO UNLOADER
13	SELF FEEDER
14	FEED TRUCK
15	BALE SHREDDER
16	LARGE BALE TRANSPORTER
17	LARGE BALE FEEDER
18	MINERAL FEEDER
19	FEED BUNKS
20	MIXER WAGON
21	PLASTIC BAGGERS
22	HAY WAGON

MANURE HANDLING EQUIPMENT CODES	
23	FRONT END LOADER
24	SKID LOADER or SELF-PROPELLED LOADER
25	MANURE SPREADER (solid)
26	MANURE SPREADER (liquid with injectors)
27	MANURE SPREADER (liquid without injectors)
28	MANURE SPREADER-IRRIGATION SYSTEM
29	OXIDATION WHEEL or SYSTEM
30	SCRAPER BLADE
31	FLUSH SYSTEM (tank)
32	FLUSH SYSTEM (high volume pump)
33	LIQUID MANURE AGITATOR
34	LIQUID MANURE PUMP
35	METHANE PRODUCTION UNIT
36	AUTOMATIC ALLEY SCRAPER
37	GUTTER CLEANER
38	MANURE SEPARATOR

OTHER MACHINES and EQUIPMENT CODES	
41	LIVESTOCK SCALES
42	PORTABLE LOADING RAMP
43	LIVESTOCK SPRAYER
44	STOCK TRAILER
45	STOCK TRAILER-HYDRAULIC
46	EMERGENCY GENERATORS
47	ALARM SYSTEMS
48	PRESSURE WASHING EQUIPMENT
49	INCINERATOR
50	ELECTRIC CROWD GATE
51	ELECTRIC FENCE CHARGER
52	FANS (exhaust or ventilation)
53	AUTOMATIC SPRINKLER
54	MISTERS/FANS
55	HOOF TRIMMING CHUTE
56	CALF TRAILER

1 [List Machinery and Equipment] →	2 [Enter Machinery or Equipment Codes.] CODE	3 How many of these [column 1] were used for dairy production? NUMBER	4 What percent of the [column 1] total farm use was for dairy production? PERCENT
	1605	1606	1607 ____
	1608	1609	1610 ____
	1611	1612	1613 ____
	1614	1615	1616 ____
	1617	1618	1619 ____
	1620	1621	1622 ____
	1623	1624	1625 ____
	1626	1627	1628 ____
	1629	1630	1631 ____
	1632	1633	1634 ____
	1635	1636	1637 ____
	1638	1639	1640 ____

SECTION V DAIRY MANURE

MANURE STORAGE TYPE CODES <i>Column 1</i>	
1	IN-GROUND TANKS, BASINS, or PITS
2	ABOVE-GROUND SLURRY TANKS, SILO, or OTHER MANURE TANK
3	MANURE BARNs OR SHEDS
4	STACKING SLAB (<i>open storage</i>)
5	LAGOONS or HOLDING PONDS
6	EMBANKMENT

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

If LINED STRUCTURE STORAGE used, report material code for lining.

1. Does this operation have manure storage facilities?

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

Column 3-- calculation _____ = _____ X _____
ACRE FEET ACRES AVERAGE DEPTH

1 What type of manure storage facilities did this operation use in 2000? <i>[Use Manure Storage Type Codes.]</i>		2 How many of this type were used?	3 What is the total capacity of all <i>[column 1]</i> ?	4 UNIT CODE 3 TONS 12 GALLONS 16 CUBIC FEET 24 ACRE FEET	5 What is the storage facility made of? <i>[Use Construction Material Codes.]</i>	6 What is the average age of <i>[column 1]</i> ?	7 On average, how many months can you go without having to remove manure from these facilities?
NAME	CODE	NUMBER		CODE	CODE	YEARS	MONTHS
	1661	1662	1663	1664	1665	1666	1667
	1668	1669	1670	1671	1672	1673	1674
	1675	1676	1677	1678	1679	1680	1681

2. Is any manure stored or stacked in an open area where the cows reside? YES = 1

CODE

1682

3. How far is the dairy operation from— *(Note: If more than one site, consider site closest to each place.)*

DISTANCE

UNIT CODE
1 = FEET
2 = YARDS
3 = MILES

- a. the nearest occupied house that is not part of this operation?
- b. the nearest well from which water is used for human consumption? .

1683	• ____	1684
1685	• ____	1686

4. Was dairy manure applied to any acres ON THIS OPERATION in 2000?

- YES - [Continue.] NO - [Go to item 13.]

5. How many total acres of cropland (*excluding pastureland and hay land*) was dairy manure applied to on this operation in 2000?

ACRES

1687

a. What crop was planted on the majority of these acres *specify* _____?

OFFICE USE

1688

6. How many total acres of pastureland and hay land was dairy manure applied to on this operation in 2000?

ACRES

1689

7. What was the furthest distance that any dairy manure was hauled (*or pumped*) for application to either the cropland, pastureland, or hay land?

TENTHS OF MILES

1690 • ____

<p>8. Did this operation reduce the application rate of commercial fertilizer on fields where manure was applied?</p>	<p>1 YES 2 Commercial Fertilizer was not applied to these acres 3 NO</p>	<p>CODE</p> <div style="border: 1px solid black; padding: 2px;">1691</div>
<p>9. Did this operation follow a written nutrient management plan for the acres to which the dairy manure was applied?</p>	<p>YES = 1</p>	<div style="border: 1px solid black; padding: 2px;">1692</div>
<p>10. In 2000, what percent of dairy manure on this operation was--</p> <p>a. applied in <i>solid</i> form?</p> <p>b. applied in semi-solid form?</p> <p>c. applied in <i>liquid</i> form?</p> <p>d. not applied by mechanical means (<i>such as that left in a pasture</i>)?</p>		<p>PERCENT</p> <div style="border: 1px solid black; padding: 2px;">1693 _____</div> <div style="border: 1px solid black; padding: 2px;">1694 _____</div> <div style="border: 1px solid black; padding: 2px;">1695 _____</div> <div style="border: 1px solid black; padding: 2px;">1696 _____</div> <p>100%</p>
<p>11. [If handled <i>SOLID</i> or <i>SEMI-SOLID</i> manure, ask--] What percent of SOLID or SEMI-SOLID dairy manure applied on this farm was incorporated at application (<i>within 24 hours</i>)?</p>		<p>PERCENT</p> <div style="border: 1px solid black; padding: 2px;">1697 _____</div>
<p>12. [If handled <i>LIQUID</i> manure, ask--] What percent of LIQUID dairy manure applied on this farm was incorporated at application (<i>within 24 hours</i>) or injected?</p>		<p>PERCENT</p> <div style="border: 1px solid black; padding: 2px;">1698 _____</div>
<p>13. Did this operation test dairy manure for it's nitrogen or phosphorus content? . YES = 1</p>		<p>CODE</p> <div style="border: 1px solid black; padding: 2px;">1699</div>
<p>14. What percent of the total amount of dairy manure produced on this operation was removed from this operation? (<i>Include dairy manure sold, hauled off for a fee, or given away.</i>) [If item 14 = zero, go to item 16.] . .</p> <p>What percent of this dairy manure (<i>item 14</i>) was--</p> <p>a. sold by this operation?</p>	<p>DOLLARS</p>	<p>PERCENT</p> <div style="border: 1px solid black; padding: 2px;">1700 _____</div>
<p>(1) What is the total dollar amount received for these dairy manure sales in 2000?</p>	<div style="border: 1px solid black; padding: 2px;">1702</div>	<div style="border: 1px solid black; padding: 2px;">1701 _____</div>
<p>b. hauled off this operation for a fee?</p>	<p>DOLLARS</p>	<p>+</p> <div style="border: 1px solid black; padding: 2px;">1703 _____</div>
<p>(1) What was the total dollar amount paid to have this dairy manure hauled off in 2000?</p>	<div style="border: 1px solid black; padding: 2px;">1704</div>	<div style="border: 1px solid black; padding: 2px;">1705 _____</div>
<p>c. given away free of charge?</p>	<p>=</p>	<p>a + b + c = 100%</p>
<p>15. [If manure was removed from this operation, ask--] Did a broker or other third party arrange for the manure to be removed from this operation?</p>	<p>YES = 1</p>	<p>CODE</p> <div style="border: 1px solid black; padding: 2px;">1706</div>
<p>16. How much was spent in 2000 for--</p> <p>a. the control of dairy odor on this operation by using manure additives, or by any other methods?</p> <p>b. fees, permits and licenses, etc., related to manure management on this dairy operation?</p>		<p>DOLLARS</p> <div style="border: 1px solid black; padding: 2px;">1707</div> <div style="border: 1px solid black; padding: 2px;">1708</div>
<p>17. Were any practices used to control manure dust on this operation?</p>	<p>YES = 1</p>	<p>CODE</p> <div style="border: 1px solid black; padding: 2px;">1709</div>

SECTION W DAIRY HERD MANAGEMENT

DAIRY HERD

	CODE
1. Did you use genetic selection and breeding programs (embryo transplants, AI) to improve the herd quality? YES = 1	1715
2. Did you control the breeding/calving season? YES = 1	1716
3. Did you use preventative medicine and practices to maintain herd health? YES = 1	1717
4. Did you use a computerized feed delivery system? YES = 1	1718

DAIRY INPUT MANAGEMENT

5. Were any inputs purchased by--	
a. locking in prices before delivery (forward purchases)? YES = 1	1719
b. using a nutritionist to design feed mix or purchase feed? YES = 1	1720
c. using a buyer for antibiotics, vaccines, bST, or other medical supplies? YES = 1	1721
d. negotiating price discounts with dealers or suppliers? YES = 1	1722
e. using Internet? YES = 1	1723
f. using a farmer-owned cooperative? YES = 1	1724
g. banding with other farmers to share cost, use, and maintenance of big-ticket (capital) items such as combines, haying equipment or sprayers? . . . YES = 1	1725
6. Did you monitor forage quality and take steps to match herd size and forage availability? YES = 1	1726
7. Did you purchase used farm machinery or equipment? YES = 1	1727
8. Did you lease machinery or equipment? YES = 1	1728
9. Did you sell unnecessary machinery, equipment, or other assets? YES = 1	1729

MILK MARKETING PRACTICES

10. To market your milk did you--	
a. have a written marketing plan? YES = 1	1730
b. use farmer-owned cooperatives? YES = 1	1731
c. use farmer/producer network or alliance? YES = 1	1732
d. use an advisory service? YES = 1	1733
e. use put options? YES = 1	1734
f. use future hedges? YES = 1	1735
g. use electronic sale (including Internet auction, video, or teletype)? YES = 1	1736

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/>) YES = 1

CODE

0099

THANK YOU FOR YOUR TIME AND EFFORT !

RESPONDENT

2. Who was the primary respondent . . .
for most of this interview?

- 1 OPERATOR/MANAGER
- 2 SPOUSE
- 3 ACCOUNTANT/BOOKKEEPER
- 4 OTHER
- 8 OFFICE HOLD
- 9 PARTNER

CODE

0101

Respondent's name [if code 3 or 4]

Phone (_____) _____

RECORDS USE

3. Did respondent 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
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

ENDING TIME [MILITARY] [*Please be precise.*]

MILITARY TIME

0005

DATE:

MM DD 01

0007

01

ENUMERATOR NAME _____

ENUMERATOR ID

0098

ENUMERATOR
EVALUATION

0100