



# Agricultural Resource Management Survey DAIRY COSTS AND RETURNS REPORT 2016



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

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

Economic Research Service

5/21/2015

Please make corrections to label name, address, and ZIP Code, if needed.

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[If this operation is a partnership, please identify the other person(s) involved.]

<b>Partner 1</b>		<b>Partner 2</b>	
Partner Name		Partner Name	
Address		Address	
City	State    Zip	City	State    Zip
Phone Number		Phone Number	
<b>Partner 3</b>		<b>Partner 4</b>	
Partner Name		Partner Name	
Address		Address	
City	State    Zip	City	State    Zip
Phone Number		Phone Number	

Office Use Only									
Screening Box	Beginning Time (Military)	Total Points	R. Unit	Partner Stratum				Office Use Only	Number of Supplements
				9922	9923	9927	9928		
0006	0004	0929	9921	9922	9923	9927	9928	0009	0002

## SECTION A LAND IN FARM / RANCH

For 2016, 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. *(Include all cropland, idle land, Conservation Reserve Program (CRP), pastureland, woodland, wasteland, farmstead, acres used for crop/livestock production facilities, and all other building sites associated with this operation, etc.)*

### ACRES OPERATED

	None		Number of Acres
1. How many acres of farm/ranch land were <u>owned</u> ? .....	<input type="checkbox"/>	+	0020
2. How many acres of farm/ranch land were <u>rented</u> or <u>leased from others</u> --- <i>(Exclude land used on an animal unit month (AUM) or fee per head basis under a grazing permit.)</i>			
a. for a <u>fixed cash rent</u> payment? .....	<input type="checkbox"/>	+	0021
b. for a <u>flexible rent</u> payment? <i>(Include hybrid rental arrangements)</i> .....	<input type="checkbox"/>	+	0022
c. for a <u>share</u> of the crop or livestock production? <i>(Exclude hybrid rental arrangement where rent paid is based on a fixed cash payment plus some shared production.)</i> .....	<input type="checkbox"/>	+	0023
d. for <u>free</u> ? .....	<input type="checkbox"/>	+	0024
3. How many acres of farm/ranch land were rented or leased <u>to others</u> ? <i>(Include land rented for cash, for a flexible rent, for a share of crop or livestock production, or rent free.)</i> .....	<input type="checkbox"/>	-	0025
			Total Acres
4. Then the <u>TOTAL ACRES</u> in this operation in 2016 were: <i>(Total Items 1 + 2a + 2b + 2c + 2d - 3.)</i> .....		=	0026
5. Considered <b>cropland</b> in 2016? <i>(Include land in government programs, fruit/nut/berry/nursery acres, and land planted to hay, including wild hay. Exclude CRP acres planted to trees.)</i> .....	<input type="checkbox"/>		0063

### RENTED LAND

	None		Dollars
6. Including rent for land and/or buildings, what was the total <b>CASH RENT PAID</b> in 2016 by this operation? <i>(Include rent paid in 2016 for previous years and rent paid in advance. Exclude storage bins, to be reported in SECTION I, Item 20. Exclude grazing of livestock, to be reported in Item 7 below.)</i> .....	<input type="checkbox"/>		0044
7. Report any land this operation used (on a <b>per head</b> or <b>AUM</b> basis) that is administered either by: public or private agencies, industrial corporations, grazing associations, or rented from individuals on a short term grazing arrangement in 2016.			
a. In 2016, what were the total fees this operation paid for the use of <b>publicly owned land</b> on an AUM basis? <i>(Include fees paid for privately owned land administered by a public agency through exchange-of-use.)</i> .....	<input type="checkbox"/>		0045
b. In 2016, how much did this operation spend on pasturing or grazing of livestock on <b>privately owned land</b> (railroads, another farm/ranch, etc.) used on a fee per head (AUM) or gain basis? .....	<input type="checkbox"/>		0046
8. Report any crop or livestock <b>SHARE RENT</b> payments in 2016			
a. What was the estimated total <b>MARKET VALUE</b> of your landlord's share of <b>crop</b> production from this operation in 2016? .....	<input type="checkbox"/>		0184
b. What was the estimated total <b>MARKET VALUE</b> of your landlord's share of <b>livestock</b> production sold or removed from this operation in 2016? <i>(Exclude shared livestock production not part of a land rental arrangement.)</i> .....	<input type="checkbox"/>		0276
9. What was the estimated market value of the land and buildings on the acres rented or leased FROM OTHERS on December 31, 2016? .....	<input type="checkbox"/>		0855
	None		Dollars
10. Including rent for land and/or buildings, what was the total <b>CASH RENT RECEIVED</b> in 2016 for acres rented TO others by this operation? <i>(Include rent received in 2016 for previous years, rent received in advance, and government payments received from those acres. Exclude grazing of livestock, to be reported in SECTION H, Item 3b)</i> .....	<input type="checkbox"/>		0042
11. For acres <b>SHARE-RENTED</b> to others, what was the total value of crop or livestock shares received in 2016 by this operation? <i>(Include rent received in 2016 from previous years and government commodity payments received from those acres)</i> .....	<input type="checkbox"/>		0043
12. What was the estimated market value of the land and buildings on the acres rented or leased TO OTHERS on December 31, 2016? .....	<input type="checkbox"/>		0857

**SECTION B ACREAGE, PRODUCTION, & CASH SALES**

1. Were any crops harvested from this operation or did this operation receive any income from these crops in 2016?  
*(Include your landlord's share and crops grown under contract. Exclude crops grown on land rented to others.)*

0104 1  **Yes – Continue** 3  **No – Go to Section C**

2. Report the acreage and production of crops harvested from this operation in 2016. Report quantity harvested in the unit specified, by crop. For income received from cash sales in 2016, report the dollar amount this operation received from any year's production after subtracting marketing expenses. *(Exclude contract sales or removals and landlord's share of sales in column 5)*

1 CROP	2 How many acres were HARVESTED?  (Acres)	3 What was the total production? <i>(Include landlord share and amount used on operation.)</i>  (Total Amount)	4 How much of this operation's share of the total production was (will be) used on this operation for feed, seed, etc.?  (Amount Used on Operation)	5 How much was received in Cash Sales from any year's production? <i>(Exclude market contract sales.)</i>  (Dollars)
<b>FIELD CROPS</b>				
Corn for grain .....	0105	0106 Bu.	0107 Bu.	0108
Corn for silage or greenchop .....	0109	0110 Tons	0111 Tons	0112
Cotton, all types .....	0113	0114 Lbs.		0116
Peanuts.....	0117	0118 Lbs.	0119 Lbs.	0120
Potatoes <i>(report sweet potatoes in all other crops)</i> .....	0121	0122 Cwt.	0123 Cwt.	0124
Rice .....	0125	0126 Cwt.	0127 Cwt.	0128
Sorghum for grain or seed.....	0129	0130 Bu.	0131 Bu.	0132
Sorghum for silage .....	0133	0134 Tons	0135 Tons	0136
Soybeans .....	0137	0138 Bu.	0139 Bu.	0140
Tobacco, all types .....	0141	0142 Lbs.		0144
<b>SMALL GRAINS</b>				
Barley for grain or seed .....	0145	0146 Bu.	0147 Bu.	0148
Oats for grain or seed.....	0149	0150 Bu.	0151 Bu.	0152
Wheat, all types, for grain or seed .....	0153	0154 Bu.	0155 Bu.	0156
<b>DRY HAY CROPS</b>				
Hay, dry, alfalfa and alfalfa mixtures .....	0157	0158 Tons	0159 Tons	0160
Hay, dry, all others .....	0161	0162 Tons	0163 Tons	0164
<b>OTHER CROPS</b>				
Canola.....	0165	0166 Lbs.	0167 Lbs.	0168
Other oilseeds .....	0169	0170 Lbs.	0171 Lbs.	0172
Sugarcane or sugarbeets .....	0173	0174 Tons	0175 Tons	0176
Dry edible beans/peas/lentils .....	0177			0185
Vegetables for processing.....	0178			0186
All other vegetables and melons <i>(Exclude vegetables grown under glass or other protection.)</i>	0179			0187
Fruits, nuts, and berries.....	0180	SQUARE FEET UNDER glass or other protection	ACRES in the OPEN	0188
Nursery and greenhouse crops <i>(Include Christmas trees.)</i> .....		0191	0192	0189
All other crops not listed above <i>(Include sweet potatoes.)</i> .....	0182			0190

**SECTION C LIVESTOCK INVENTORY, NUMBER SOLD/REMOVED, & CASH SALES**

1. Did you or anyone else have any livestock or poultry on this operation in 2016 (*regardless of ownership*), or did this operation receive any income from livestock, poultry, or livestock products in 2016? (*Include your landlord's share & livestock/poultry grown for others on a contract basis. Exclude livestock/poultry grown or fed by someone else on a custom or contractual basis.*)  
 0247 1  **Yes – Continue** 3  **No – Go to Section D**

2. Report the total number of livestock, poultry, and livestock products, by type. For income received in 2016, report the total dollars this operation received from cash sales after subtracting marketing expenses. (*Exclude contract sales or removals and landlord's share of sales in column 5.*)

1  <b>LIVESTOCK</b>	INVENTORY		SALES	
	2 On Dec. 31, 2016, how many [column 1] regardless of ownership were on hand?  (Number)	3 On Dec. 31, 2016, how many [column 1] were owned by this operation?  (Number)	4 What was the total number of [column 1] sold or removed in 2016?  (Number)	5 How much was received in Cash Sales of [column 1] from any year's production in 2016? (Exclude market contract sales.) (Dollars)
a. Beef cows ( <i>Include</i> beef heifers that have calved. <i>Exclude</i> heifers that have not calved, steers, calves, and bulls.).....	0255	0256	0254	1254
b. Milk cows, including any dry cows ( <i>Exclude</i> any heifers not yet freshened.).....	0258	0259	0257	1258
c. Other cattle and calves ( <i>Include</i> fed cattle, beef and dairy cull animals, stockers and feeders, veal calves, etc. ....)	0252	0253	0251	1251
d. Total cattle and calves (Items a + b + c).....	0261	0295	0260	1295
(i) Of the total (row d, col. 5) dollars, how much was for <b>breeding stock</b> ? <sup>1</sup>				0512
(ii) Recognized gain/loss on sale of <b>breeding stock</b> . (If a loss was incurred, indicate w/ a negative sign).....				0535
e. Total milk produced in 2016 ( <i>report in cwt</i> )			0270 <b>Cwt.</b>	0510
f. All Dairys and pigs	0263	0296	0262	0508
(i) Of the total (row f, col. 5) dollars, how much was for <b>breeding stock</b> ? <sup>1</sup>				0509
(ii) Recognized gain/loss on sale of <b>breeding stock</b> . (If a loss was incurred, indicate w/ a negative sign).....				0533
g. All layers, including table and hatching...	0249	0250	0248	0526
(i) All eggs, including hatching eggs ( <i>report in dozens</i> ).....			0266 <b>Doz.</b>	0514
h. Turkeys .....	0269	0298	0268	0515
i. Broilers.....	0265	0297	0264	0513
j. Other Poultry ( <i>Include</i> other chickens, ducks, emus, geese, hatchlings, ostriches, pigeons, pheasants, quail, poultry products, etc.).....	0275	0299	0274	0516
k. Other animals and other animal products ( <i>Include</i> sheep, gDairy, & their products (wool, mohair, & goat milk); horses, ponies, mules, burros, & donkeys; aquaculture; bees & honey; semen & embryo sales. ....)	0273	1273	0272	0517
(i) Of the total (row k, col. 5) dollars, how much was for <b>breeding stock</b> ? <sup>1</sup>				0528
(ii) Recognized gain/loss on sale of <b>breeding stock</b> . (If a loss was incurred, indicate w/ a negative sign).....				0534

<sup>1/</sup> Report breeding and non-breeding stock as defined on Tax form 1040F and form 4797.

## SECTION D OTHER OPERATIONS GROWING, FEEDING, or RAISING LIVESTOCK FOR THIS OPERATION

1. Did any OTHER operation(s) grow, feed, or raise livestock or poultry owned by this operation under a contract arrangement in 2016 (you are the contractor)?

0271 1  **Yes – Continue** 3  **No – Go to Section E**

What livestock or poultry were being raised or fed for this operation? [List type below.]	Commodity Code <b>Office Use Only</b> (Code)	What was the market value of [type] on hand on contractee operations on Jan. 1, 2016? (Dollars)	What was the estimated market value (at placement) of [type] placed under contract DURING 2016? (Dollars)	How much was paid to contractees for labor, management, and reimbursement for expenses? (Dollars)	How much were the GROSS receipts from [type] sold or removed under this contract? (Dollars)	On Dec. 31, 2016 what was the market value of unsold [type] remaining under contract? (Dollars)
	0277	0278	0279	0280	0281	0282
	0283	0284	0285	0286	0287	0288
	0289	0290	0291	0292	0293	0294

## SECTION E MARKETING CONTRACTS

1. Did this operation have **marketing** contracts for any commodities delivered<sup>1/</sup> in 2016?

(A marketing contract is a verbal or written agreement reached before harvest of a crop or before completion of a livestock production stage, setting a price or pricing formula and market for the commodity.)

0300 1  **Yes – Continue** 3  **No – Go to Section F**

2. Report the commodities delivered in 2016 through **marketing** contract(s). List the quantities marketed and the final price received. (**Include** only the quantity owned by the operation. **Exclude** money received from contractors as reimbursement for expenses (report this in SECTION I). **Exclude** landlord shares (report in SECTION A) and marketing charges (report in SECTION I, Item 33).)

What commodities did this operation have MARKETING contracts for in 2016? [Write in commodities]	Commodity Code <b>Office Use Only</b> (Code)	What quantity of this commodity was delivered through this contract? <sup>1/</sup> (Exclude landlord's share.) (Quantity)	Unit Code (from list below) (Code)	What was (will be) the FINAL PRICE RECEIVED per unit by this operation for this commodity marketed under this contract? (Dollars & Cents)	What was the total dollar amount received in 2016 from this contract? (Total Dollars)
	0301	0304	0305	0306 _____	0307
	0316	0319	0320	0321 _____	0322
	0331	0334	0335	0336 _____	0337
	0346	0349	0350	0351 _____	0352
	0361	0364	0365	0366 _____	0367
	0376	0379	0380	0381 _____	0382
	1351	1354	1355	1356 _____	1357
	1366	1369	1370	1371 _____	1372
	1381	1384	1385	1386 _____	1387
	1396	1399	1400	1401 _____	1402
	1411	1414	1415	1416 _____	1417
	1426	1429	1430	1431 _____	1432

If more space is needed, please use a separate sheet of paper.

<sup>1/</sup> "Delivered" includes commodities for which partial payment was made even if not physically delivered by December 31, 2016.

Unit	Code	Unit	Code	Unit	Code	Unit	Code	Unit	Code	Unit	Code
Pound .....	01	Bushels .....	04	Bale .....	07	Flat .....	10	Barrel .....	20	Kilogram .....	40
CWT.....	02	Bin .....	05	Carton .....	08	Head / Bird .....	11	Acre .....	22		
Ton .....	03	Box .....	06	Dozen .....	09	Plant / Pot.....	13	Animal Space.	39		

## SECTION F PRODUCTION CONTRACTS & CUSTOM FED LIVESTOCK

1. Did this operation have **production** contracts for any commodities it produced in 2016?

(A production contract is a verbal or written agreement setting terms, conditions, and fees to be paid by the contractor to the operation for the production of crops, livestock, or poultry. The contractor usually owns the commodity and often provides inputs.)

0400 1  **Yes – Continue** 3  **No – Go to Section G**

2. Report in the table below the commodities with **production** contracts in 2016. Also list the quantities removed under these contracts and the final fee received. (**Exclude** money received to pay for production expenses. Expense reimbursements should be reported in SECTION I.)

What commodities did this operation have PRODUCTION contracts for in 2016? [Write in commodities]	Commodity Code <b>Office Use Only</b> (Code)	What quantity of this commodity was removed from the operation under this contract? (Exclude landlord's share.) (Quantity)	Unit Code (from list below) (Code)	What was (will be) the FINAL FEE RECEIVED per unit by this operation for producing this commodity under this contract? (Dollars & Cents)	What were the TOTAL FEES RECEIVED in 2016 under this contract? <sup>1/</sup> (Total Dollars)
	0401	0404	0405	0406 _____	0407
	0416	0419	0420	0421 _____	0422
	0431	0434	0435	0436 _____	0437
	0446	0449	0450	0451 _____	0452
	1441	1444	1445	1446 _____	1447
	1456	1459	1460	1461 _____	1462
	1471	1474	1475	1476 _____	1477
	1486	1489	1490	1491 _____	1492

If more space is needed, please use a separate sheet of paper.

<sup>1/</sup> Income received for commodities produced under contract in previous years should be recorded in Section G, Items 1a and 1a(i).

Unit	Code	Unit	Code	Unit	Code	Unit	Code	Unit	Code	Unit	Code
Pound .....	01	Bushels .....	04	Bale .....	07	Flat .....	10	Barrel .....	20	Kilogram ...	40
CWT.....	02	Bin.....	05	Carton .....	08	Head / Bird .....	11	Acre .....	22		
Ton .....	03	Box.....	06	Dozen .....	09	Plant / Pot.....	13	Animal Space.	39		

## SECTION G ACCOUNTS RECEIVABLE & DEFERRED PAYMENTS

1. For each item below, report income received or the amount owed to the operation on the dates specified.

**Exclude** crops in storage and not yet sold. (**Include** cash sales, marketing contract sales, and production contract removals.)

[NOTE: Crops in storage and not sold as of the reference date should be reported in Section J, Item 3a.]

	None	Dollars
a. On January 1, 2016, what was the total dollar amount <b>owed</b> to this operation for all commodities produced and sold ( <i>cash or contract</i> ) <b>before</b> January 1, 2016? .....	<input type="checkbox"/>	0885
(i) How much did this operation receive from Item 1a during 2016? .....	<input type="checkbox"/>	0875
b. What was the total dollar amount owed to this operation on December 31, 2016, for all commodities produced, sold ( <i>cash or contract</i> ), delivered, or removed under contract in 2016 and earlier years? .....	<input type="checkbox"/>	0886

**SECTION H GOVERNMENT PAYMENTS & OTHER FARM RELATED INCOME**

1. In 2016, did this operation receive or repay any Commodity Credit Corporation (CCC) loans?

0560 1  **Yes – Continue** 3  **No – Go to Item 2**

a. In 2016, how much was received for all commodities placed under CCC loans? <i>(Include Austrian winter peas, barley, canola, rapeseed, corn, Dairy, crambe, dry edible peas, flaxseed, honey, lentils, mohair, mustard seed, Dairy, peanuts, rice, safflower, sesame seed, small chickpeas, sorghum, soybeans, sugar, sunflower seed, and wheat.)</i> .....	<input type="checkbox"/>	None	Dollars	0518
b. In 2016, what was the amount spent to repay all CCC loans? <i>(Exclude storage and service fees.)</i> .....	<input type="checkbox"/>			0519

**[NOTE: If any of the crops or livestock products redeemed from the CCC were sold in 2016, verify that these sales are recorded in Marketing Contracts (SECTION E, Item 2) or in Cash and Open Market Sales (SECTIONS B and C). If the redeemed crops were NOT sold in 2016, their value should be reported in SECTION J, Item 3a.]**

2. In 2016, did this operation receive Federal, State or local farm program payments?

*(Include government payments received through a cooperative. Exclude CCC loan payments.)*

0563 1  **Yes – Continue** 3  **No – Go to NOTE before Item 3**

a. In 2016, how much was received in Dairy Margin Protection payments? <i>(Include government payments received through a cooperative.)</i> .....	<input type="checkbox"/>	None	Dollars	xxxx
(i) In 2016, what was the coverage level of Dairy Margin Protection payments? .....	<input type="checkbox"/>		Dollars	xxxx
(ii) In 2016, what percent of historical production was insured in the Dairy Margin Protection program?	<input type="checkbox"/>		Percent	xxxx
b. In 2016, how much was received in upland cotton transition payments? <i>(Include government payments received through a cooperative.)</i> .....	<input type="checkbox"/>	None	Dollars	0524
c. In 2016, how much was received in counter-cyclical payments from the Direct Counter-cyclical Payment Program (DCP) and in revenue payments from the Average Crop Revenue Election Program (ACRE) for crop year 2016? <i>(Include government payments received through a cooperative.)</i> .....	<input type="checkbox"/>	None	Dollars	0525
d. In 2016, how much was received in Loan Deficiency Payments (LDPs), and Marketing Loan Gains (MLGs)? <i>(Include government payments received through a cooperative.)</i> .....	<input type="checkbox"/>	None	Dollars	0529
e. In 2016, how much was received from the Conservation Reserve Program (CRP)?	<input type="checkbox"/>			0028
(i) In 2016, how many total acres were enrolled in the Conservation Reserve Program (CRP)?.....	<input type="checkbox"/>	None	Acres	0477
f. In 2016, how much was received from the Environmental Quality Incentives Program (EQIP)? .....	<input type="checkbox"/>	None	Dollars	0029
(i) In 2016, how many acres were enrolled in the Environmental Quality Incentives Program (EQIP)?.....	<input type="checkbox"/>	None	Acres	0478
g. In 2016, how much was received from the Conservation Stewardship Program (CSP)? ..	<input type="checkbox"/>	None	Dollars	XXXX
(i) In 2016, how many acres were enrolled in the Conservation Stewardship Program (CSP)?.....	<input type="checkbox"/>	None	Acres	XXXX
		None	Dollars	

h.	In 2016, how much was received from all other U.S. federal conservation programs? .....	<input type="checkbox"/>	XXXX
		None	Acres
(i)	In 2016, how many acres were enrolled all other U.S. federal conservation programs? .....	<input type="checkbox"/>	XXXX
i.	In 2016, how much was received for agricultural disaster payments? <i>(Include all disaster assistance programs such as Livestock forage Disaster Program (LFP), market loss assistance programs, Reimbursement Transportation Cost Payment Program (RTCP) and Trade Adjustment Assistance for Farmers (TAAF). Exclude Federal crop insurance and other indemnity payments, Margin Protection Program - Dairy.)</i>	<input type="checkbox"/>	None Dollars 0537
j.	In 2016, how much was received in payments under the Price Loss Coverage (PLC) program? (Include government payments received through a cooperative.) .....	<input type="checkbox"/>	XXXX
k.	In 2016, how much was received in payments under the County – Agricultural Risk Coverage (ARC-CO) program? (Include government payments received through a cooperative.) .....	<input type="checkbox"/>	XXXX
l.	In 2016, how much was received in payments under the Individual – Agricultural Risk Coverage (ARC-IC) program? (Include government payments received through a cooperative.) .....	<input type="checkbox"/>	XXXX
m.	In 2016, how much was received in payments under the Margin Protection Program for Dairy (MPP – Dairy) and the Dairy Product Donation Program (DPDP)? (Include government payments received through a cooperative.) .....	<input type="checkbox"/>	XXXX
n.	In 2016, how much was received for all other Federal, State, or local program payments? (Include payments received only from governmental entities and not from private sector organizations or individuals. Include any U.S. government miscellaneous or supplemental payments received in 2016 and not included in items 2a-2m. Exclude Federal crop insurance payments and other indemnity payments, and payments received in 2016 from selling an easement.) .....	<input type="checkbox"/>	0545
3.	In 2016, what was the total income received by you (the operator) and all partners for:	None	Dollars
a.	custom work, machine hire, and other agricultural services provided by this operation for farmers and others? (Exclude if this is a separate business.) .....	<input type="checkbox"/>	0546
b.	grazing of livestock? (Include payments for livestock pastured on a per-head basis, per-month basis, AUM basis, etc. Exclude contract arrangements previously reported.) .....	<input type="checkbox"/>	0547
c.	sales of all forest products? (Include firewood, timber, etc. Exclude maple syrup and Christmas trees.) .....	<input type="checkbox"/>	0549
d.	sales of farm machinery and vehicles? (Include farm share only) .....	<input type="checkbox"/>	0550
		None	Dollars
e.	Federal crop and livestock insurance indemnity payments? .....	<input type="checkbox"/>	0552
f.	other crop and livestock insurance indemnity payments? (Exclude Federal payments reported in Item 3f.) .....	<input type="checkbox"/>	0551
g.	cooperative patronage dividends and refunds? .....	<input type="checkbox"/>	0554
(i)	Of the item (3g) dollars, how much was from co-ops as patronage dividends associated with the dairy? .....	<input type="checkbox"/>	1631
h.	income from royalties or leases associated with energy production (e.g. natural gas, oil, and wind turbines)? .....	<input type="checkbox"/>	0555
i.	proceeds from sales of farmland and other farm real estate owned by this operation only? .....	<input type="checkbox"/>	0558
(i)	What was the recognized gain/loss on the (item 6i) sales of farmland and other farm real estate? (If a loss incurred, please indicate with a <b>negative sign</b> ) .....	<input type="checkbox"/>	0559
			Acres
(ii)	How many acres were sold? .....		0561





a. Of the (item 7) dollars, how much was for the DAIRY enterprise.....	<input type="checkbox"/>	0894	0895	0896
8. medical supplies, veterinary and custom services for livestock? ( <b>Exclude</b> manure disposal. <b>Include</b> artificial insemination (AI), branding, breeding fees, caponizing, castrating, custom feed processing, hormone injections, performance testing, pregnancy testing, seining, sheep shearing, etc.).....	<input type="checkbox"/>	0642	0643	0644
a. Of the (item 8) dollars, how much was for the DAIRY enterprise.....	<input type="checkbox"/>	0897	0898	0899
9. purchases for the farm business of---				
a. all fuels, oils and lubricants? (total of 9a(i) through 9a(vi) must equal Item 9a).....	<input type="checkbox"/>	0663	0664	0665
(i) diesel fuel? ( <b>Include</b> biodiesel.).....	<input type="checkbox"/>	0645	0646	0647
(ii) gasoline and gasohol? ( <b>Include</b> ethanol blends.).....	<input type="checkbox"/>	0648	0649	0650
(iii) natural gas? .....	<input type="checkbox"/>	0651	0652	0653
(iv) LP gas (propane, butane)? .....	<input type="checkbox"/>	0654	0655	0656
(v) oils and lubricants? ( <b>Include</b> grease, hydraulic fluids, motor oils, transmission fluids, etc.) .....	<input type="checkbox"/>	0657	0658	0659
(vi) all other fuel? ( <b>Include</b> coal, fuel oil, kerosene, wood, etc.).....	<input type="checkbox"/>	0660	0661	0662
b. Of the (Item 9a) dollars, how much was for the DAIRY enterprise? .....	<input type="checkbox"/>	0675	0676	0677
10. electricity for the farm business?.....	<input type="checkbox"/>	0675	0676	0677
a. Of the (Item 10) dollars, how much was for irrigation? .....	<input type="checkbox"/>	0678	0679	0680
<b>In 2016, how much was spent for (item) by [column]</b>	None	OPERATOR(S) & PARTNER(S) (Dollars)	LANDLORD(S) (Dollars)	CONTRACTOR(S) (Dollars)
b. Of the (Item 10) dollars, how much was for drying?.....	<input type="checkbox"/>	0687	0688	0689
c. Of the (Item 10) dollars, how much was for specialized livestock production facilities such as dairies, feedlots, poultry houses, and swine buildings?.....	<input type="checkbox"/>	0693	0694	0695
(i) Of the (Item 10c) dollars, how much was for the DAIRY enterprise?.....	<input type="checkbox"/>	0947	0948	0949
11. purchased water for irrigation from off-farm suppliers? ( <b>Include</b> irrigation assessments and fees.).....	<input type="checkbox"/>	0696	0697	0698
12. all other utilities, such as the farm share of telephone service, water purchased other than for irrigation, and Internet access? .....	<input type="checkbox"/>	0872	0873	0874
13. farm supplies, marketing containers, hand tools & farm shop power equipment? ( <b>Include</b> expenses for temporary fencing. <b>Exclude</b> expenses for bedding/litter and permanent fencing.).....	<input type="checkbox"/>	0702	0703	0704

14. repairs, parts and accessories for motor vehicles, machinery and farm equipment? *(Include repairs to drying equipment, tune-ups, overhauls, repairs to livestock equipment, replacement parts for machinery, tubes, tires, and accessories such as air conditioners, CB's, radios and hydraulic cylinders. Exclude irrigation equipment and pump repairs.)* .....

0708	0709	0710
0711	0712	0713

a. Of the (Item 14) dollars, how much was for the DAIRY enterprise? .....

15. maintenance and repair for the upkeep of all farm buildings, houses other than the operator's, land improvements, and all other farm/ranch improvements? *(Include conservation improvements, corrals, feeding floors, feedlots, gravel, land drainage structures, tiling, trench, silos, wells, irrigation equipment and pump repairs and facilities. Exclude any new construction or remodeling.)* .....

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

a. Of the (item 15) dollars, how much was for specialized livestock production facilities such as dairies, feedlots, poultry houses, and swine buildings? .....

0717	0718	0719
------	------	------

(i) Of the (item 15a) dollars, how much was for the DAIRY enterprise? .....

0568	0569	0570
------	------	------

b. Of the (item 15) dollars, how much was for maintenance and repair of irrigation equipment and pumps? .....

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

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
- deeded as part of the farm.) .....

0726
------

17. insurance for the farm business? *(Include all casualty insurance, hail insurance, and any other crop or livestock insurance; motor vehicle liability and blanket insurance policies. Include insurance on operator's dwelling, if owned by the operation. Exclude health insurance (reported in SECTION I, Item 26 or SECTION N, Item 2e(i) and other payroll insurance items.)* .....

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

a. Of the (Item 17) dollars, how much was for Federal crop insurance? .....

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

**In 2016, how much was spent for (item) by [column]---** None

OPERATOR(S) & PARTNER(S)	LANDLORD(S)	CONTRACTOR(S)
(Dollars)	(Dollars)	(Dollars)

a. Of the (Item 17) dollars, how much was for the Dairy Margine Protection Plan? .....

xxxx	xxxx	xxxx
------	------	------

18. interest and fees paid on debts---

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

0738	0739
------	------

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

0741	0742
------	------

19. property taxes paid on---

a. real estate (land and buildings)? *(Include real estate taxes on the operator's dwelling, if owned by the operation.)* .....

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

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

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

<p>20. renting or leasing of tractors, vehicles, equipment or storage structures? <i>(Include farm machinery, cars, trucks, irrigation equipment and other equipment. Exclude custom hire.)</i>.....</p>	<input type="checkbox"/>	0750	0751	
		0753	0754	
<p>21. vehicle registration and licensing fees? .....</p>	<input type="checkbox"/>			
<p>22. depreciation expense claimed by this operation in 2016 for all capital assets? <i>(If partnership, include amounts claimed by all partners in this operation. Estimate from 2015 if necessary.)</i>...</p>	<input type="checkbox"/>	0756		
<p>a. Of the <i>(Item 22)</i> dollars, how much was claimed for breeding livestock? .....</p>	<input type="checkbox"/>	0757		
<p>23. CASH WAGES paid to hired farm and ranch labor? <i>(Include cash wages, incentives and bonuses, payments to corporate officers and paid family members, including yourself and other operators if they received a wage. 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 and life insurance, pensions or retirement plans, and Worker's Compensation.)</i> .....</p>	<input type="checkbox"/>	0758	0759	0760
<p>a. Of the <i>(Item 23)</i> dollars, how much was for the DAIRY enterprise?.....</p>	<input type="checkbox"/>	0761	0762	0763
<p>24. Of the <i>(Item 23)</i> dollars, how much salary or wage was paid to---<i>(total 24a + 24b + 24c + 24d + 24e must equal Item 23)</i></p>				
<p>a. you <i>(the principal operator)</i>? .....</p>	<input type="checkbox"/>	0764	0765	0766
<p>b. your <i>(the principal operator's)</i> spouse? <i>(Even if your spouse is an operator, include his/her wages here.)</i> .....</p>	<input type="checkbox"/>	0767	0768	0769
<p>c. other members of your <i>(the operator's)</i> household? <i>(Even if your other household members are operators, include their wages here.)</i>.....</p>	<input type="checkbox"/>	0574	0575	0576
<p>d. other operators <i>(outside the operator's household)</i>? <i>(Those persons responsible for the day-to-day management decisions for this operation.)</i>.....</p>	<input type="checkbox"/>	0770	0771	0772
		0773	0774	0775
<p>e. all other paid farm and ranch labor? .....</p>	<input type="checkbox"/>			
<p>25 payroll taxes for hired labor? <i>(Include employer's share of Social Security and unemployment taxes. Include any amounts the farm paid for farm workers that are part of your (the operator's) household.)</i> .....</p>	<input type="checkbox"/>	0705	0706	0707
<p>a. Of the <i>(Item 25)</i> dollars, how much was for the DAIRY enterprise?.....</p>	<input type="checkbox"/>	0779	0780	0781
<p><b>In 2016, how much was spent for (item) by [column]---</b></p>	<p>None</p>	<b>OPERATOR(S) &amp; PARTNER(S)</b> (Dollars)	<b>LANDLORD(S)</b> (Dollars)	<b>CONTRACTOR(S)</b> (Dollars)
<p>26 benefits for hired labor? <i>(Include employer's share of health insurance, pension or retirement plans, Workers' Compensation, etc. Include any amounts the farm paid for farm workers that are part of your (the operator's) household.)</i>.....</p>	<input type="checkbox"/>	0915	0916	0917
<p>a. Of the <i>(Item 26)</i> dollars, how much was for the DAIRY enterprise?.....</p>	<input type="checkbox"/>	0472	0473	0474
<p>27. contract labor? <i>(Include expenses for labor, such as harvesting of fruit, vegetables, berries, etc. performed on a contract basis by a contractor, crew leader, cooperative, etc. Exclude contract work for building construction, repairs, or farm improvements, and payments to other operations that fed/raised livestock under contract FOR this operation.)</i>.....</p>	<input type="checkbox"/>	0782	0783	0784

a. Of the (Item 27) dollars, how much was for the DAIRY enterprise?..... <input type="checkbox"/>	0785	0786	0787
28. custom work such as--- (Custom work is work performed by machines & labor hired as a unit.)			
a. hauling? (Include all custom grain, livestock, milk, manure, and other custom hauling.)..... <input type="checkbox"/>	0776	0777	0778
b. all other custom work done on this operation? (Report custom livestock services in Item 8.) ..... <input type="checkbox"/>	0791	0792	0793
c. Of the (Item 28a and 28b) dollars, how much was for the DAIRY enterprise?..... <input type="checkbox"/>	0794	0795	0796
29. The cash value of all commodities and NON-CASH PAYMENTS for farm work provided to:			
a. workers who were members of your (the operator's) household? (Include value of a percentage of crops, calves, etc. Exclude operator payments or draws.)..... <input type="checkbox"/>	0797		
b. workers who were NOT members of your (the operator's) household? (Include feed, fuel, housing, meals, utilities, vehicles for personal use, etc. Exclude home gardens, unless expenses were recorded previously. Exclude partner payments or draws.) ..... <input type="checkbox"/>	0798		
30. The market value of commodities produced and used on this operation for home consumption? (Exclude any commodities provided as payment to household members for farm work reported in Item 29a.) ..... <input type="checkbox"/>			
0799			
Percent			
a. What percent of the (Item 30) dollars was for livestock and livestock products? ..... <input type="checkbox"/>	0800		
Dollars			
31. professional or farm management services such as record keeping, accounting, tax and business planning, farm product advice, conservation practices, etc.? ..... <input type="checkbox"/>	0801		
32 general business expenses?..... <input type="checkbox"/>			
0804      0805      0806			
Specify General Business Expenses & Amounts:			

	OPERATOR(S) & PARTNER(S) (Dollars)	LANDLORD(S) (Dollars)	CONTRACTOR(S) (Dollars)
In 2016, how much was spent for (item) by [column]---			
33. marketing and storage expenses incurred by this operation? (Include check-off, commissions, storage, inspection, ginning, etc. Include marketing expenses for contract sales.) ..... <input type="checkbox"/>	0868	0869	0870
a. Of the (Item 33) dollars, how much was for the DAIRY enterprise? ..... <input type="checkbox"/>	0943	0944	0945

**CAPITAL EXPENSES in 2016**

	Dollars	Dollars	Dollars
34. improvements on land such as land preparation, irrigation improvements, well drilling, ponds, feedlots, trench silos, lagoons, new fences, etc.? (Exclude moveable equipment.) ..... <input type="checkbox"/>	None 0807	0808	0809

35. new construction and remodeling of dwellings (*excluding the operator's dwelling*), barns, buildings, Dairy houses, poultry houses, milk barns, storage facilities, sheds, silos, etc.? (**Exclude repairs and maintenance.**) .....
- |      |      |      |
|------|------|------|
| 0810 | 0811 | 0812 |
| 0813 |      |      |
36. new construction or remodeling of the operator's dwelling, if owned by the operation? .....

Report the **TOTAL NET COST** (*after deducting the value of trade-ins, rebates & discounts*) of the following items purchased in 2016 for the farm/ranch:

- |  | None | Percent for farm/ranch use | None | Dollars |
|--|------|----------------------------|------|---------|
| 37. Cars – ( <b>Include new and used.</b> ) ..... <input type="checkbox"/>   |      | 0817                       |      | 0816    |
| 38. Trucks – ( <b>Include new and used trucks, pickups, sport utility vehicles, vans, campers and buses.</b> ) ..... <input type="checkbox"/>  |      | 0819                       |      | 0818    |
|  |      |                            | None | Dollars |
| 39. Tractors – ( <b>Include new and used.</b> ) ..... <input type="checkbox"/>   |      |                            |      | 0820    |
| 40. Self-propelled equipment – ( <b>Include implements and self-propelled equipment for livestock, dairy, or poultry production. Exclude tractors.</b> ) ..... <input type="checkbox"/>        |      |                            |      | 0821    |
| 41. Other farm machinery, non-self-propelled farm equipment, pumps, and capital equipment for crop or livestock production. ( <b>Include farm share only.</b> ) ..... <input type="checkbox"/> |      |                            |      | 0822    |
|  |      |                            |      | 0823    |
| 42. Office equipment, furniture, and computers that were placed on a depreciation schedule. .... <input type="checkbox"/>  |      |                            |      |         |
|  |      |                            | None | Dollars |
| 43. Farmland and other farm real estate for expanding this operation. .... <input type="checkbox"/>  |      | 0802                       |      | 0803    |
|  |      |                            | None | Dollars |
| 44. All other capital expenditures ( <b>Include all other capital expenditures that were placed on a depreciation schedule.</b> ) ..... <input type="checkbox"/>                               |      |                            |      | 0824    |

Specify Other Capital Expenditures & Amounts:

- |   | None | OPERATOR(S) & PARTNER(S)<br>(Dollars) | LANDLORD(S)<br>(Dollars) | CONTRACTOR(S)<br>(Dollars) |
|---|------|---------------------------------------|--------------------------|----------------------------|
| 45. What other expenses did this operation have in 2016 that have not been recorded? ( <b>Include potting soil</b> ) ..... <input type="checkbox"/> |      | 0825                                  | 0826                     | 0827                       |

Specify Other Expenses & Amounts:

**SECTION J FARM ASSETS**

1. What was the MARKET VALUE of the following assets OWNED by this operation on December 31, 2016: *(Include owned assets on rented land.)*

	None	Dollars
a. farm operator's dwelling, if <b>owned by the operation?</b> <i>(Owned by the operation means the house is recorded as an asset in farm record books or deeded as part of the farm.)</i> .....	<input type="checkbox"/>	0850
b. all other dwellings? .....	<input type="checkbox"/>	0851
c. all other farm buildings and structures? <i>(Include barns, cribs, grain bins, greenhouses, silos, storage sheds, fences, corrals, etc.)</i> .....	<input type="checkbox"/>	0852
d. orchard trees and vines, nursery trees, and trees grown for woody crops? .....	<input type="checkbox"/>	0853
e. oil, gas, and mineral rights.....	<input type="checkbox"/>	7101
f. land? <i>(Include land rented to others. Exclude houses, buildings, orchard trees and vines, and trees grown for woody crops.)</i> .....	<input type="checkbox"/>	0854

2. What was the ESTIMATED MARKET VALUE of the following on December 31, 2016:

a. trucks and cars <b>owned</b> by the operation? <i>(Include farm share only)</i> .....	<input type="checkbox"/>	0882
b. tractors, machinery, tools, equipment and implements <b>owned</b> by the operation?.....	<input type="checkbox"/>	0883
c. stock in farm cooperatives and the Farm Credit System?.....	<input type="checkbox"/>	0884

For each item below, report the MARKET VALUE(S) of the assets owned by the operation on the dates specified.

3. What was the ESTIMATED MARKET VALUE for the farm share of [item] on---

	None	Beginning of Year JAN. 1, 2016? (Dollars)	End of Year DEC. 31, 2016? (Dollars)
a. crops owned and stored on or off this operation? <i>(Include crops stored at co-op or gin warehouse, specialty crops excluding trees and vines, fruit storage, hay, silage, and nursery and greenhouse products not in the ground. Exclude crops under CCC loans.)</i> .....	<input type="checkbox"/>	0888	0889
b. breeding livestock <b>owned</b> by and <b>located</b> on or off this operation? <i>(Include aquaculture, bees, cattle, equine, Dairys, mink, poultry, sheep, etc., kept for breeding purposes. Exclude livestock being produced under contract on another operation (reported in Section D).)</i> .....	<input type="checkbox"/>	0863	0864
c. non-breeding livestock <b>owned</b> by and <b>located</b> on or off this operation? <i>(Include aquaculture, bees, cattle, equine, Dairys, mink, poultry, sheep, etc., kept for non-breeding purposes. Exclude livestock being produced under contract on another operation (reported in Section D).)</i> .....	<input type="checkbox"/>	0876	0877
d. production inputs <b>owned</b> by this operation, such as processed feed, fertilizer, chemicals, fuels, parts, purchased seed and other supplies?.....	<input type="checkbox"/>	0878	0879
e. production inputs <b>already used</b> by this operation for cover crops or crops planted but not yet mature for harvest (also known as <i>sunk costs</i> ), or the value of inputs used for production contracts that have yet to be delivered? .....	<input type="checkbox"/>	0880	0881

**LIQUID ASSETS**

4. What was the ESTIMATED MARKET VALUE of all other farm assets **not previously listed** on December 31, 2016? *(Include money owed to this operation (except money owed from commodity sales), cash certificates of deposit, savings and checking accounts, hedging account balances, government payments due, insurance indemnity payments due, balance of land contract sales, and any other farm assets not reported earlier. Exclude any personal debt owed to the operator(s).)* .....

None	DEC. 31, 2016 (Dollars)
<input type="checkbox"/>	0887

## SECTION K FARM DEBT

1. Was debt used in funding the operation of this farm/ranch in 2016, including any loans obtained in earlier years?  
*(Include seasonal production and other loans taken and repaid during 2016.)*

1080 1  **Yes – Continue** 3  **No – Go to Item 6**

None	Dollars
	0890

2. What was the total amount repaid on farm business loans taken out in 2016? (Record any outstanding balances of loans taken out in 2016 in Item 3.)  
*(Include only seasonal production and other short term farm loans.)*.....

3. To estimate the financial position of farms correctly and their ability to service debt and to categorize debt by types, we need to list loans this operation had on December 31, 2016, including any line of credit. *(Include farm/ranch loans, debt on the operator's house if owned by the operation, and multi-purpose loans used for both farm and non-farm purposes. Exclude CCC commodity loans and any loans used exclusively for non-farm purposes.)*

1 Who is the lender?  [From Lender Codes Below.]  (Code)	2 What was the balance owed on Dec. 31, 2016 including outstanding principal plus unpaid interest?  (Dollars)	3 What was the interest rate on Dec. 31, 2016?  [Report in hundredths of a percent. Example: 9% = 09.00]  (Percent)	4 What is the type of loan?  [From Loan Type Codes Below.]  (Code)	5 What year was it obtained?  (Year)	6 What is the original term of the loan?  (Number of Years)	7 What percent is for operating expenses, capital expenditures, or other expenses of the farm operation?  (Percent)	8 What is the primary farm purpose of this loan?  [From Loan Purpose Codes Below.]  (Code)	9 Is this loan a:  1 fixed rate loan?  OR a variable/adjustable rate loan repaid:  2 monthly? 3 quarterly? 4 annually? 5 more than annually?  (Code)
1001	1002	1003	1004	1005	1008	1006	1007	1009
1010	1011	1012	1013	1014	1017	1015	1016	1018
1019	1020	1021	1022	1023	1026	1024	1025	1027
1028	1029	1030	1031	1032	1035	1033	1034	1036
1037	1038	1039	1040	1041	1044	1042	1043	1045

If more space is needed, please use a separate sheet of paper.

Lender Codes (Column 1)		Lender Codes (Column 1) (continued)		Loan Purpose Codes (Column 8)	
Lender	Code	Lender	Code	Purpose	Code
FARM CREDIT SYSTEM .....	1	Any other individuals.....	14	Purchased real estate ( <i>land &amp; its attachments</i> ) ...	1
USDA Farm Service Agency (FSA) .....	2	Any other lenders .....	15	> farm and home improvements	
Small Business Administration (SBA) .....	3	Credit cards .....	16	> building construction	
State & county government lending agencies ...	4	Farmer Mac .....	17	> construction of livestock and poultry facilities	
Savings and loan associations, residential mortgage lenders.....	5	Credit Union .....	18	> grove development and rehabilitation	
Commercial banks.....	6	Other debts ( <i>such as unpaid bills, etc.</i> ).....	19	Purchase feeder livestock.....	2
Life insurance companies.....	7			Purchase other livestock .....	3
Implement dealers and financing corporations..	8	<b>Loan Type Codes (Column 4)</b>		Other current operating expenses.....	4
Input suppliers.....	9	<b>Type</b>		> current crop production	
Co-ops and other merchants .....	10	One year or less production or other loans	1	> care and feeding livestock including poultry	
Contractor .....	11	Non-real estate loan more than one year...	2	> labor, feed, seed, fertilizer, grove caretaking, repair and maintenance	
Individuals from whom any land in this operation was bought under a mortgage or deed of trust .....	12	Real estate loan more than one year for operator's dwelling.....	3	Farm machinery and equipment.....	5
Individuals from whom any land in this operation was bought under a land purchase contract.....	13	Other real estate loans more than one year .....	4	Debt consolidation .....	6
				Other .....	7

4. If you had farm loans **in addition to the five that I've just recorded**, what is the total amount of debt from these loans owed on December 31, 2016?

*(Include farm/ranch loans and debt on the operator's house if it is owned by the operation.)*

*Exclude any loans exclusively for non-farm purposes that are secured by assets of the farm/ranch.)*.....

None	Dollars
	1047

5. How much of the total debt owed on December 31, 2016 (*reported in items 3 and 4 above*), was for the operator's dwelling? (*If the operator's dwelling is owned by the operation debt should be included here and above. Exclude operator's dwelling if not owned by the operation.*) .....

	1057
--	------

<b>Office Use Only</b>	0999
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**SECTION L FARM LABOR & MANAGEMENT**

1. In 2016, how many owners of this operation were there? (**Exclude** landlords, contractors, and lending institutions holding farm debt. **Include** yourself if you have an ownership interest).....

Number
1246

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

Percent
1248

2. In 2016, what was this operation's legal status for tax purposes?

1240 1  Family or individual operation (**Exclude** partnerships and corporations.)

2  Legal partnership operation (**Include** family partnerships.)

a. Is this partnership registered under State law? ..... 1204 1  Yes 3  No

b. How many partners are there in this operation? .....

Number
1232

- 3  C-Corporation
- 4  S-Corporation
- 5  Other (**Include** estates, trusts, cooperatives, grazing associations, etc.)

3. Was this operation organized as a Limited Liability Company (LLC) under State law? ..... 1202 1  Yes 3  No

4. In 2016, did any households, other than your (the principal operator's) household, share in the net farm income of this business? (*Sharing can occur by receiving a share of profits/losses or, if incorporated, receiving corporate dividends.*)

1225 1  **Yes – Continue** 3  **No – Go to Item 5**

a. How many other households shared in the net income of the farm business? .....

Number
0976

5. Is this operation a C-Corporation or an LLC that chose to file as a C-Corporation in 2016?

1226 1  **Yes – Continue** 3  **No – Go to Item 5b**

a. How much did you (the principal operator) and your household receive in corporate dividends from this farming operation in 2016? (*If your operation is an LLC that elected to file for tax purposes as a C-Corporation, consider this as income here.*) Skip 5b and proceed to item 6.] .....

Dollars
0975

c. What percent of net income (whether profit or loss) were you (the operator) and your household entitled to receive from this farming operation in 2016? (*If your operation is an LLC that elected to report income for tax purposes as a pass-through, consider this as income here.*) .....

Percent
0974

6. In 2016, how many operators (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, and family members if they are also operators. **Exclude** family members unless they make day-to-day decisions for the operation. **Exclude** hired workers unless they are a hired manager.) .....

Number
1200

7. Did you (the principal operator) have a spouse at any point during 2016?

1205 1  **Yes – Continue** 3  **No – Go to Item 9**

8. Did your spouse make day-to-day decisions for this farm/ranch at any point during 2016? [*If yes, the principal operator's spouse should be included in Item 6 above.*]..... 1209 1  Yes 3  No

9. Answer the following questions for up to three primary operators of this operation as of **December 31, 2016.**

(If one of the operators is the principal operator's spouse **and** makes day-to-day decisions, record his/her information under operator 2.)

	Principal Operator	Operator 2	Operator 3
a. Full name of operator .....			
b. 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
c. What was the Operator's age on December 31, 2016? .....	1242 years	1262 years	1282 years
d. In what year did the operator begin to operate ANY farm?.....	1241	1261	1281

10. On average, for each of the three-month periods during 2016, about how many hours per week (work and management time) did ---

	None	Jan-Mar Hours/Week	April-June Hours/Week	July-Sept Hours/Week	Oct-Dec Hours/Week
a. you (the principal operator) work for this farm/ranch? (Include both paid and unpaid hours).....	<input type="checkbox"/>	0828	0829	0830	0831
b. your spouse (the principal operator's) work for this farm/ranch? (Even if your spouse is an operator, include his/her hours here. Include both paid and unpaid hours).....	<input type="checkbox"/>	0832	0833	0834	0835
c. all other operators and household members work for this farm/ranch? (Exclude the principal operator and spouse. Include both paid and unpaid hours).....	<input type="checkbox"/>	0836	0837	0838	0839
d. all other <b>unpaid</b> workers not previously reported work for this farm/ranch? .....	<input type="checkbox"/>	0840	0841	0842	0843
e. all other <b>paid</b> workers not previously reported work for this farm/ranch? .....	<input type="checkbox"/>	0859	0860	0861	0862

(Example: If the operation had 2 hired farm workers who were not household members who averaged 40 paid hours per week during Jan-Mar, report 80 for column 1 of Item 10e.)

**DAIRY ENTERPRISE LABOR**

11. On average, for each of the three-month periods during 2016, about how many hours per week (work and management time) did ---

	None	Jan-Mar Hours/Week	April-June Hours/Week	July-Sept Hours/Week	Oct-Dec Hours/Week
a. you (the principal operator) work on the DAIRY enterprise? (Include both paid and unpaid hours).....	<input type="checkbox"/>	1130	1131	1132	1133
b. all other <b>unpaid</b> workers not previously reported work on the DAIRY enterprise? .....	<input type="checkbox"/>	1134	1135	1136	1137

(i) What percent of the total number of hours worked by all UNPAID workers (item 11b – **excluding** the operator) in the dairy operation was performed by workers under 16 years of age? (Estimates of labor costs for unpaid workers are based on off-farm wages, which are different for workers under 16 relative to those 16 and older.).

Percent
1138

## SECTION M FARM OPERATOR & HOUSEHOLD CHARACTERISTICS

**NOTE:** Please answer the following questions for yourself (the principal operator) and your spouse, if you reported one in Section L, Item 7

	Principal Operator	Spouse
1. Are you or your spouse of Spanish, Hispanic, or Latino origin or background, such as Mexican, Cuban, or Puerto Rican, regardless of race? .....	1219 <b>Spanish, Hispanic, or Latino origin</b> 1 <input type="checkbox"/> Yes    3 <input type="checkbox"/> No	1220 <b>Spanish, Hispanic, or Latino origin</b> 1 <input type="checkbox"/> Yes    3 <input type="checkbox"/> No
2. What is your and your spouse's race? .....	<b>Mark one or more.</b> 1223 <input type="checkbox"/> White 1217 <input type="checkbox"/> Black or African American 1213 <input type="checkbox"/> American Indian or Alaska Native. Specify tribe: _____ 1215 <input type="checkbox"/> Asian 1221 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander	<b>Mark one or more.</b> 1224 <input type="checkbox"/> White 1218 <input type="checkbox"/> Black or African American 1214 <input type="checkbox"/> American Indian or Alaska Native. Specify tribe: _____ 1216 <input type="checkbox"/> Asian 1222 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander
3. What is the highest level of formal education you and your spouse have achieved? .....	<b>Mark one answer only</b> 1257 1 <input type="checkbox"/> Less than high school diploma 2 <input type="checkbox"/> High school 3 <input type="checkbox"/> Some college ( <b>include associates degree</b> ) 4 <input type="checkbox"/> 4-year college graduate and beyond	<b>Mark one answer only</b> 1260 1 <input type="checkbox"/> Less than high school diploma 2 <input type="checkbox"/> High school 3 <input type="checkbox"/> Some college ( <b>include associates degree</b> ) 4 <input type="checkbox"/> 4-year college graduate and beyond
4. At which occupation did you and your spouse spend the majority (50 percent or more) of your work time in 2016? .....	<b>Mark one answer only</b> 1207 1 <input type="checkbox"/> Farm or ranch work. 2 <input type="checkbox"/> Work other than farming/ranching. 3 <input type="checkbox"/> Currently not in the paid workforce.	<b>Mark one answer only</b> 1208 1 <input type="checkbox"/> Farm or ranch work. 2 <input type="checkbox"/> Work other than farming/ranching. 3 <input type="checkbox"/> Currently not in the paid workforce.
5. Do you ( <i>the principal operator</i> ) now consider yourself to be retired from <u>farming/ranching</u> ? .....	1259 1 <input type="checkbox"/> Yes    3 <input type="checkbox"/> No	

	Number
6. How many persons lived in the principal operator's household on December 31, 2016? ( <b>include operator, spouse, children, and others living in the operator's household.</b> ) .....	1227

7. In 2016, was more than 50% of the ownership interest in this operation held by you ( <i>the principal operator</i> ) and/or persons related to you by blood, marriage, or adoption, including relatives not residing in your household? ( <i>Ownership interest is defined as having ownership of at least some of the farm business assets. Potential owners include individuals, partners, corporate shareholders, and members of a Limited Liability Company. Potential owners DO NOT INCLUDE landlords, contractors, and lenders.</i> )
1249    1 <input type="checkbox"/> <b>Yes – Continue</b> 3 <input type="checkbox"/> <b>No – Go to Section O</b>

**SECTION N FARM OPERATOR HOUSEHOLD – INCOME, ASSETS, & DEBT**

1. Which **value code** from the list below represents the total income the household, the principal operator, and spouse received in 2016 from--- (**Exclude** farm income reported earlier.)

SOURCE	OPERATOR INCOME (Value Code)	SPOUSE INCOME (Value Code)	TOTAL HOUSEHOLD INCOME (Value Code)
a. all off-farm wages, salaries, and tips before taxes and withholdings? .....	0950	0951	0952
b. net cash income from operating another farm or ranch (net of depreciation)? <i>(if a loss was incurred, please indicate with a negative sign)</i> .....	0955	0956	0957
c. net cash income from operating any other business (net of depreciation)? <i>(if a loss was incurred, please indicate with a negative sign)</i> .....	0958	0959	0960
d. net cash income from renting farmland to others, excluding land rented to others from <u>this</u> operation? ( <b>Include</b> rental of farmland that is not part of this operation, which may include whole farms or ranches owned by household members as well as smaller parcels of land. Include cash or share-rental income. If a loss was incurred, please indicate with a negative sign.).....			0963
e. interest income? .....			0969
f. dividend income? .....			0966
g. total proceeds from the sale of farm and non-farm capital assets? ( <b>Include</b> operator household's share only.) .....			0978
(i) recognized gain/loss on the sale of capital assets reported above? ( <b>Item 1g</b> ) <i>(if a loss was incurred, please indicate with a negative sign)</i> .....			0981
h. income from private pensions and private disability payments? .....			0939
i. income from public sources? ( <b>Include</b> Social Security, military and other public retirement, veteran's benefits, public disability, unemployment, or other public assistance.).....			0998
j. other off-farm sources of income? .....			0993

Dollar Range	Value Code	Dollar Range	Value Code	Dollar Range	Value Code	Dollar Range	Value Code
None.....	01	\$10,000 – 14,999 .....	10	\$80,000 – 99,999 .....	19	\$1,000,000 – 1,499,999 .....	28
\$1 – 499 .....	02	\$15,000 – 19,999 .....	11	\$100,000 – 124,999 .....	20	\$1,500,000 – 1,999,999 .....	29
\$500 – 999 .....	03	\$20,000 – 24,999 .....	12	\$125,000 – 149,999 .....	21	\$2,000,000 – 2,999,999 .....	30
\$1,000 – 1,999.....	04	\$25,000 – 29,999 .....	13	\$150,000 – 199,999 .....	22	\$3,000,000 – 4,999,999 .....	31
\$2,000 – 2,999.....	05	\$30,000 – 34,999 .....	14	\$200,000 – 274,999 .....	23	\$5,000,000 – 7,499,999 .....	32
\$3,000 – 3,999.....	06	\$35,000 – 39,999 .....	15	\$275,000 – 349,999 .....	24	\$7,500,000 – 9,999,999 .....	33
\$4,000 – 4,999.....	07	\$40,000 – 49,999 .....	16	\$350,000 – 499,999 .....	25	\$10,000,000 and over .....	34
\$5,000 – 7,499.....	08	\$50,000 – 59,999 .....	17	\$500,000 – 749,999 .....	26		
\$7,500 – 9,999.....	09	\$60,000 – 79,999 .....	18	\$750,000 – 999,999 .....	27		

**HOUSEHOLD SPENDING –** (*Please see VALUE CODES above.*)

2. Which value code from the list above represents how much this household spent in 2016 on---

	Value Code
a. food, including food away from home? .....	1105
b. rent payments for the principal operator's dwelling, if not owned by the household ( <b>Item 3c, on next page</b> ) or farm business ( <b>Section J, Item 1a</b> has a zero value)? .....	1104
c. utilities and household supplies? .....	1106
d. non-farm transportation for the:	
(i) renting or leasing of vehicles for household use, public transportation expenses, etc.? .....	1107
(ii) fuel, maintenance and repairs, vehicle insurance, parking and license fees for non-farm share of vehicles? .....	1119

**HOUSEHOLD SPENDING – (Please see VALUE CODES on page 19.)**

	Value Code
e. health and medical expenses of:	
(i) health and/or dental insurance costs? ( <i>costs not covered by the farm operation or an off-farm employer</i> ) .....	1108
(ii) out of pocket expenses for health and medical needs? ( <i>Include co-payments, co-insurance, deductibles, etc.</i> ) .....	1112
f. contributions to personal insurance ( <i>including life, disability, and liability insurance but not including health, homeowner or vehicle insurance</i> ) and retirement plans including pensions and Social Security? .....	1109
g. contributions to individuals outside of the household, including alimony, child support, gifts ( <i>not including bequests</i> ) and charitable contributions? .....	1110
h. mortgage interest for operators who live in a dwelling owned by the household and not the operation? ( <i>Exclude any parts of mortgage principal.</i> ) .....	1120
i. property taxes for operators who live in a dwelling owned by the household and not the operation? .....	1121
j. all other family living expenses, such as non-farm household insurance payments, clothing and personal care products and services; house furnishings and equipment, education and child ( <i>or adult</i> ) care, entertainment ( <i>hobbies, recreation, and vacations</i> )? .....	1118

**OFF-FARM ASSETS – (Please see VALUE CODES on page 19.)**

3. Which value code on page 19 represents the total value of each of the following categories of off-farm assets owned by the operator and members of the operator’s household on December 31, 2016, for --- (**Exclude** assets of this operation, reported in Section J.)

	Value Code
a. financial assets held in non-retirement accounts? ( <i>Include cash, checking, savings, money market accounts, certificates of deposit, savings bonds, government securities, outstanding personal loans due to the operator or household, corporate stock, mutual funds, cash surrender value of life insurance, other financial assets. Exclude all farm business-related assets.</i> ) .....	0953
b. retirement accounts? ( <i>401k, 403b, IRA, Keogh, other retirement accounts</i> ) .....	0954
c. operator’s dwelling, if not owned by the operation? ( <i>not reported in Section 28, Item 1a</i> ) .....	0984
d. real estate and other personal ( <i>second</i> ) homes? ( <i>other farms, residential rental, commercial, and other real estate</i> ) .....	0985
e. business not part of this farm? .....	0986
f. all household vehicles? ( <i>including household share of vehicles partly owned by the operation</i> ) .....	0982
g. other assets not reported elsewhere? .....	0987

**OFF-FARM DEBT – (Please see VALUE CODES on page 19.)**

4. Which value code on page 19 represents the total value of each of the following categories of off-farm debt (*debt not associated with this operation*) owed by the operator and members of the operator’s household on December 31, 2016, for--- (**Include** off-farm debt secured with farm assets. **Exclude** any debt – household debt, credit cards, etc. – reported in Section K, Farm Debt.)

**[NOTE:** If mortgage debt on the operator dwelling was reported earlier in Section K, Item 5, then skip Item 4a and continue with 4b. If mortgage debt on the operator dwelling was NOT reported in Section K, Item 5, then continue with Item 4a.]

	Value Code
a. mortgages on operator’s dwelling, if not owned by the operation? ( <i>Include home mortgages, home equity loans, and lines of credit secured by the operator’s dwelling.</i> ) .....	0988
b. mortgages on other real estate and other personal homes such as second homes? ( <i>Include mortgages, equity loans, and lines of credit secured by other real estate, including other farms, residential rental, commercial, and other real estate.</i> ) .....	0989
c. loans on businesses that are not a part of this farm operation? .....	1101

**OFF-FARM DEBT – (Please see VALUE CODES on page 19.)**

	Value Code
d. personal loans? ( <i>Include credit cards, auto loans, unpaid taxes, and medical bills.</i> ).....	1102
e. all other off-farm debt owed by the operator or household?.....	0983
5. Which value code on page 19 represents the amount of off-farm debt owed by the operator or household members that was secured by farm assets?.....	1117

**2015 INCOME & EXPENSES**

	Value Code
6. Which value code on page 19 represents the total farm sales last year (2015)? <i>(Total farm sales includes livestock and crop income from cash and marketing contract sales, fees received from livestock and crop production contracts, the net change in CCC loans, and government payments.)</i> .....	1113
7. Which value code on page 19 represents the net operating income for this operation last year (2015)? <i>(cash income from all farm sources minus production costs and depreciation; if negative net operating income, please indicate with a <b>negative sign</b> before the value code)</i> .....	1114
8. Which value code on page 19 represents the total off-farm income last year (2015)? <i>(wages, salaries, tips, interest, dividends, other public sources, etc. before taxes, income from operating another farm, income from operating any other business; if negative off-farm income, please indicate with a <b>negative sign</b> before the value code)</i> .....	1115
<b>Office Use Only</b>	2002

**SECTION O DAIRY SCREENING, PRODUCTION and INVENTORY**

1. Were 10 or more dairy cows milked on this operation at any time during 2016, regardless of ownership?  
 xxx 1  **Yes – Continue** <sup>3</sup>  **No – Go to Section V**

	Head
2. Regardless of ownership, what was the largest number of DAIRY COWS MILKED on this operation at any time in 2016? .....	xxxx

3. Did this operations produce milk in all 12 months of 2016?  
 1502 1  **Yes – Continue** <sup>3</sup>  **No – Continue**

4. Did this operation go out of or come into the dairy business during 2016?  
 1504 1  **Yes – Go to Section V** <sup>3</sup>  **No – Continue**

5. Did this operation produce certified organic milk during 2016?  
 1511 1  **Yes – Continue** <sup>3</sup>  **No – Go to Item 8**

	Head
6. How much was spent in 2016 for third party organic certification? <i>(Include user fees charged by organic certifiers.)</i> .....	xxxx

	CWT
7. In, 2016, how much milk was sold as certified organic milk?	1628

8. Please report number of dairy cattle on hand January 1, 2016 and December 31, 2016 by type.

1	2	3
	BEGINNING OF YEAR	END OF YEAR
	---on hand January 1, 2016? HEAD	---on hand December 31, 2016? HEAD
How many head of [item] were---	1517	1518
a. milk cows ( <i>Include dry and milking cows.</i> ) .....		

b. breeding bulls (mature) . . . . .	1521	1522
--------------------------------------	------	------

**SECTION P PURCHASES & DEATH LOSS**

1. Report the purchases of dairy cattle during 2016.

1 Dairy Cattle Type	2 How many head of [column 1] were purchased during 2016? HEAD	3 What was the total amount spent on these [column 2] cattle? DOLLARS
a. milk cows. . . . .	1592	1593
b. replacement heifers weighing 500 pounds or more (Include springers). . . . .	1594	1595
c. breeding bulls weighing 500 pounds or more. . . . .	1596	1597
d. replacement heifers weighing under 500 pounds. . . . .	1598	1599
e. replacement bulls weighing under 500 pounds. . . . .	1600	1601

2. How many heifers born on this operation in 2016 were kept for breeding? . . . . .

HEAD
1603

a. How many of these replacement heifers were raised on this operation? . . . . .

1627
------

b. How much was spent to have replacement heifers raised on another operation? . . . . .

TOTAL DOLLARS
1628

**SECTION Q SALES & OTHER INCOME**

1. Report the sales of dairy animals from this operation in 2016

1 Dairy Cattle Type	2 How many [column 1] did this operation sell in 2010? HEAD	3 What was the total amount received for sales of [column 2]? (Exclude marketing charges, etc.) DOLLARS	4 What was the average weight per head of [column 2] sold in 2010? POUNDS PER HEAD
a. cull cows. . . . .	1609	1610	1611
b. all milk cows (including dry cows). . . . .	1612	1613	1614
c. replacement heifers weighing 500 pounds or more (Include springers). . . . .	1615	1616	1617
d. cull bulls. . . . .	1618	1619	1620
e. breeding bulls weighing 500 pounds or more . . .	1621	1622	1623
f. heifer, bull, and steer calves weighing under 500 pounds. . . . .	1624	1625	1626

2. In 2016, how much did this operation receive from

None	Dollars
------	---------

a. Renting space to other dairy operations? .....

1630

**SECTION R DAIRY HOUSING**

1. Please use the following codes for facility, frame, floor, manure handling, and manure storage, to provide information about dairy cattle housing used on the operation in 2016.

<b>FACILITY CODES</b> <i>Column 1</i>	<b>FRAME TYPE CODES</b> <i>Column 3</i>	<b>FLOOR TYPE CODES</b> <i>Column 4</i>	<b>MANURE HANDLING CODES</b> <i>Column 5</i>	<b>MANURE STORAGE CODES</b> <i>Column 8</i>
1 - STANCHION BARNS or TIE STALL BARNS	11 - WOOD	20 - PARTLY SLOTTED	30 - SHALLOW PIT ( <i>less than 2 feet</i> )	1 - STACKING SLAB/OPEN STORAGE
2 - LOAFING BARNS or LOOSE HOUSING	12 - MASONRY	21 - FULLY SLOTTED	31 - DEEP PIT ( <i>2 feet or more</i> )	2 - MANURE BARN OR SHED
3 - FREESTALL BARNS	13 - STEEL	22 - SOLID CONCRETE	32 - FLUSH GUTTER - OPEN	3 - LAGOON
4 - GREENHOUSE or HOOP	14 - POLE	23 - WIRE	33 - FLUSH GUTTER - CLOSED	4 - MANURE PIT
5 - CALF BARNS	15 - PRE-FABRICATED MATERIAL	24 - WOOD	34 - SCRAPE GUTTER - OPEN	5 - SLURRY OR MANURE TANK
6 - FEEDING BARNS	16 - OTHER	25 - DIRT	35 - SCRAPE GUTTER - CLOSED	
7 - DRY LOT CORRALS/ SUN SHADES		26 - OTHER	36 - DRY LOT TRUCK REMOVAL	
8 - SUPER HUTCHES			37 - MANUAL	
9 - CALF HUTCHES			38 - OTHER	
10 - OTHER			39 - NONE	

1	2	3	4	5	6	7	8
What types of housing facilities/buildings were used?  [Enter Facility Type code]	How many of these (column 1) facilities/buildings were used?	What type of frame does (column 1) facility/building have?  [Enter Frame Type code]	What type of floor does (column 1) facilities/building have?  [Enter Floor Type code]	What type of manure handling method was used in this [column 1] facility/building?  [Enter Manure Handling code]	How many total head can ALL these [column 1] facilities/buildings house at one time?	What is the average age of these [column 1] facilities/buildings since last remodeled?	What type of manure storage facility was used with the [column 1] facility [Enter Manure Storage code]
CODE	NUMBER	CODE	CODE	CODE	HEAD	YEARS	CODE
2161	2162	2163	2164	2165	2166	2167	xxxx
2168	2169	2170	2171	2172	2173	2174	xxxx
2175	2176	2177	2178	2179	2180	2181	xxxx
2182	2183	2184	2185	2186	2187	2188	xxxx
2189	2190	2191	2192	2193	2194	2195	xxxx
2196	2197	2198	2199	2200	2201	2202	xxxx



## SECTION S MILKING FACILITIES & PRACTICES

1. Please use the following codes for milking facility, frame, floor, manure handling, and manure storage, to provide information about milking facilities used on the operation in 2016.

MILKING FACILITY TYPE CODES <i>Column 1</i>			FRAME TYPE CODES <i>Column 3</i>		FLOOR TYPE CODES <i>Column 4</i>		MANURE HANDLING CODES <i>Column 5</i>	
1 HERRINGBONE PARLOR 2 PARALLEL PARLOR 3 SIDE OPENING PARLOR 4 POLYGON PARLOR 5 CAROUSEL PARLOR 6 FLAT BARN PARLOR 7 SWING PARLOR 8 OTHER PARLOR 9 BARN WITH AROUND THE BARN PIPELINE 10 BARN WITH PAIL UNITS / BUCKET MILKERS			11 WOOD 12 MASONRY 13 STEEL 14 POLE 15 PRE-FABRICATED MATERIAL 16 OTHER		20 PARTLY SLOTTED 21 FULLY SLOTTED 22 SOLID CONCRETE 23 WIRE 24 WOOD 25 DIRT 26 OTHER		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 MANUAL 38 OTHER 39 NONE	
1 What types of milking facilities/buildings were used?  [Enter Milking Facility Type code] CODE	2 How many of these facilities/buildings were used in 2010?  NUMBER	3 What type of frame does it have?  [Enter Frame Type code] CODE	4 What type of floor does it have?  [Enter Floor Type code] CODE	5 What type of manure handling method was used in this [column 1] facility/building?  [Enter Manure Handling code] CODE	6 What was the total number of stalls in all of these facilities/buildings?  NUMBER	7 What was the total number of milking units in all of these facilities/buildings?  NUMBER	8 What is the average age of these facilities/buildings since last remodeled?  YEARS	
1529	1530	1531	1532	1533	1534	1535	1536	
1537	1538	1539	1540	1541	1542	1543	1544	
1545	1546	1547	1548	1549	1550	1551	1552	
1553	1554	1555	1556	1557	1558	1559	1560	
1561	1562	1563	1564	1565	1566	1567	1568	
1569	1570	1571	1572	1573	1574	1575	1576	

2. Considering your pasture, corrals, building sites, manure storage, etc., how many total acres of land were used in the dairy operation during 2016? (**Exclude** acres used to produce crops to feed and bed the dairy cattle and acres to which dairy manure was applied.) . . . . .

ACRES

1589
------

## SECTION T DAIRY FEED & PASTURE

1. Please use the following codes to provide information about feed and feed ingredients purchased off-farm which were fed to dairy cattle in 2016.

<b>PURCHASED FEED TYPE CODES</b> ( <i>column 1</i> )		<b>DAIRY FEED FACILITY TYPE CODES</b> ( <i>column 5</i> )
1 COMPLETE <i>COMMERCIAL FEED</i> and COMPLETE <i>CUSTOM FEED MIXES</i> 2 HIGH MOISTURE CORN (> 20%) 3 LOW MOISTURE CORN 4 BARLEY 5 HIGH MOISTURE SORGHUM/MILO (>20%) 6 LOW MOISTURE SORGHUM/MILO 7 WHEAT 9 OATS 10 OTHER FEED GRAINS 11 DISTILLERS OR BREWERS GRAIN 12 OTHER NON PROTEIN BY-PRODUCT 13 COTTON SEED MEAL 14 PROTEIN SUPPLEMENTS 15 PROTEIN BY-PRODUCTS 16 VITAMIN or MINERAL SUPPLEMENTS (include kelp)	17 ALFALFA HAY (include alfalfa hay mixtures) 18 OTHER HAY (include wild hay) 19 STRAW 20 CORN SILAGE 21 SORGHUM/MILO SILAGE 22 OTHER SILAGE OR HAYLAGE 23 ALFALFA CUBES OR PELLETS 24 GREEN CHOP, ALL CROPS 25 CORN STALKS 26 MILK OR MILK BY-PRODUCT 27 LIQUID WHEY 28 OTHER FEED ADDITIVES 29 ANTIBIOTICS or OTHER MEDICATED ADDITIVES 34 MILK REPLACER OR CALF STARTER	21 AIRTIGHT UPRIGHT SILO 22 OTHER UPRIGHT SILO 23 BIN/TANK FOR HIGH MOISTURE GRAIN 24 BIN FOR GRAIN 25 METAL FEED TANK 26 OTHER BIN/TANK 27 CORN CRIB 28 OPEN BUILDING/SHED 29 CLOSED BUILDING/SHED 30 TRENCH OR BUNKER SILO 31 SLAB 32 HAY TARP 33 PLASTIC BAGGING/WRAPPING 34 NO FACILITY USED 40 OTHER ( <i>specify:</i> _____ )

1 Which of these feeds were PURCHASED and fed to dairy cattle on this operation in 2010?  [Show Purchased Feed Type Codes]		2 What was the total amount of [column 1] fed to dairy cattle?	3 UNIT CODES  1 POUNDS 2 CWT 3 TONS 4 BUSHEL 12 GALLONS	4 What was the total amount spent on all purchased feed?  [Include Operator and Contractor expenses.]  DOLLARS	5 What type of facility was most of this [column 1] feed stored in?  [Show Facility Type Codes]
NAME	CODE		CODE		CODES
	2006	2007	2008	2010	2011
	2012	2013	2014	2016	2017
	2018	2019	2020	2022	2023
	2024	2025	2026	2028	2029
	2030	2031	2032	2034	2035
	2036	2037	2038	2040	2041
	2042	2043	2044	2046	2047
	2048	2049	2050	2052	2053
	2054	2055	2056	2058	2059

2. In 2016, did this operation feed homegrown, harvested feed to dairy cattle?

xxxx 1  **Yes – Continue** 3  **No – Go to Item 3**

Please use the following codes to provide information about feed and feed ingredients grown and harvested on-farm which were fed to dairy cattle in 2016.

<b>HOMEGROWN FEED TYPE CODES</b> (column 1)	
2	HIGH MOISTURE CORN (> 20%)
3	LOW MOISTURE CORN
4	BARLEY
5	HIGH MOISTURE SORGHUM/MILO (>20%)
6	LOW MOISTURE SORGHUM/MILO
7	WHEAT
8	SOYBEANS
9	OATS
10	OTHER FEED GRAINS
17	ALFALFA HAY (include alfalfa hay mixtures)
18	OTHER HAY (include wild hay)
19	STRAW
20	CORN SILAGE
21	SORGHUM/MILO SILAGE
22	OTHER SILAGE OR HAYLAGE
24	GREEN CHOP, ALL CROPS

<b>DAIRY FEED FACILITY TYPE CODES</b> (column 4)	
21	AIRTIGHT UPRIGHT SILO
22	OTHER UPRIGHT SILO
23	BIN/TANK FOR HIGH MOISTURE GRAIN
24	BIN FOR GRAIN
25	METAL FEED TANK
26	OTHER BIN/TANK
27	CORN CRIB
28	OPEN BUILDING/ SHED
29	CLOSED BUILDING/SHED
30	TRENCH OR BUNKER SILO
31	SLAB
32	HAY TARP
33	PLASTIC BAGGING/WRAPPING
34	NO FACILITY USED
40	OTHER (specify: _____ )

1 What type of HOMEGROWN feed was fed?  [Enter Homegrown Feed Type Codes.]		2 What was the total amount of [column 1] fed to dairy cattle?	3 UNIT CODES  1 POUNDS 2 CWT 3 TONS 4 BUSHEL 12 GALLONS	4 What type of facility was most of this [column 1] feed stored in?  [Enter Dairy Feed Facility Type Codes]
NAME	CODE		CODE	CODE
	2061	2062	2063	2065
	2066	2067	2068	2070
	2071	2072	2073	2075
	2076	2077	2078	2080
	2081	2082	2083	2085
	2086	2087	2088	2090
	2091	2092	2093	2095
	2096	2097	2098	2100
	2101	2102	2103	2105

3. In 2016, did this operation use pasture or cropland (example: corn stalks) to graze dairy cattle?

xxxx 1  **Yes – Continue** 3  **No – Go to Section U**

1 What type of 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 4] acres? DOLLARS	5 How many acres of [column 1] were irrigated? ACRES
Native or permanent pasture. . . . .	2107	2109	2110	2108
Planted or improved pasture. . . . .	2111	2113	2114	2112
Small grains pasture. . . . .	2115	2117	2118	2116
Crop residue (example, corn stalks). . . . .	2119	2121	2122	2120
Other grazed forages. . . . .	2123	2125	2126	2124

4. In 2016, how many months did this operation graze milk cows on pasture? . . . . .

**Months**  
2129

5. Use the following codes to provide information about the percent of total forage ration obtained from pasture during the grazing months by milk cows in 2016? . . . . .

1 1 - 24%

2 25 - 49%

3 50 - 74%

4 75 - 100%

**PERCENT**  
2130

6. What was the total market value of any bedding produced on the operation or obtained for free for the dairy cattle in 2016? . . . . .

**Dollars**  
xxxx

**SECTION U DAIRY MANURE**

1. Use the following codes to identify the type of manure handling system that was used for the majority of the dairy manure on this operation in 2016? . . . . .

1 Pasture-based system (no manure collected)

2 Open-lot dry system (animals not confined to barn)

3 Open-lot slurry system (animals not confined to barn)

4 Barn-based alley or gutter system (either mechanical or water clean)

5 Other

**CODE**  
2203

a. Is the manure produced in the milking area handled by a separate system? 2204 1  **Yes** 3  **No**

2. Use the following codes to provide how often manure was removed from the dairy housing and holding facilities? . . . . .

1 daily

2 weekly

3 monthly

4 yearly

5 other

6 never

2234

3. Was any system used to collect and use or dispose of the methane from the hog manure storage facilities?

xxx 1  **Yes – Continue** 3  **No – Go to Item 4**

a. Was the collected methane used for electricity generation? xxxx 1  **Yes** 3  **No**

b. Was the collected methane flared for disposal? xxxx 1  **Yes** 3  **No**

4. Was dairy manure applied to fields on this operation in 2016?

xxx 1  **Yes** – Continue 3  **No** – Go to Section V

ACRES
2244

a. On how many total acres of this operation was dairy manure applied in 2016?.....

b. Was any commercial fertilizer applied to the same (item 4a) acres on this operation on which dairy manure was applied?

2251 1  **Yes** – Continue 3  **No** – Go to Section V

c. Were the commercial fertilizer application rates adjusted based on nutrients provided by the dairy manure?

xxx 1  **Yes** – Continue 3  **No** – Go to Section V

**SECTION V CONCLUSION**

1. To receive the complete results of this survey on the release date, go to [www.usda.gov/results/](http://www.usda.gov/results/).

Would you rather have a brief summary mailed to you at a later date? .....<sup>0099</sup> 1  **Yes** 3  **No**

**(Thank You for Your Participation)**

2. In case we have questions, please provide your contact information.

<b>Reported By:</b>	<b>Telephone:</b>	<b>Date Completed (MM-DD-YY):</b>
	(      )	____ / ____ / 17

<b>Ending Time (Military)</b>	OR	<b>Time In Hours</b>
0005		0008

Office Use Only										
Response		Respondent		Mode		Enum	Eval	Duplication Adjustor	Field Office Use	Optional
1-Comp	9901	1-Op/Mgr	9902	1-Mail	9903	9998	9900	0922	0093	0003
2-R		2-Sp		2-Tel						
3-Inac		3-Acct/Bkpr		3-Face-to -Face						
		4-Partner								
		9-Other								
									<b>Office Use for POID</b>	
									9989	
Name _____										