

2016 AGRICULTURAL RESOURCE MANAGEMENT SURVEY

Dairy Costs and Returns
Report – Version 4
Project Code: 904
(09/07/2016)



**National Agricultural
Statistics Service**

ECONOMIC RESEARCH SERVICE

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

Partner 1				Partner 2			
Partner Name				Partner Name			
Address				Address			
City	State	Zip	Phone Number	City	State	Zip	Phone Number
Partner 3				Partner 4			
Partner Name				Partner Name			
Address				Address			
City	State	Zip	Phone Number	City	State	Zip	Phone Number

Office Use Only											
Screening Box	Beginning Time (Military)		Total Points	R. Unit	Duplication Adjustor	Partner Stratum				Office Use Only	Number of Supplements
	Hours	Minutes				9922	9923	9927	9928		
0006	0004		0929	9921	0922	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> ? 0020	<input type="checkbox"/> +	
2.	How many acres of farm/ranch land were <u>rented</u> or <u>leased from others</u> — (Exclude land used on an animal unit month (AUM) or fee per head basis under a grazing permit.)		
a.	for a <u>fixed cash rent</u> payment? 0021	<input type="checkbox"/> +	
b.	for a <u>flexible rent</u> payment? (Include hybrid rental arrangements where rent paid is based on a fixed cash payment plus some shared production.) 0022	<input type="checkbox"/> +	
c.	for a <u>share</u> of the crop or livestock production? (Exclude hybrid rental arrangements.) 0023	<input type="checkbox"/> +	
d.	for <u>free</u> ? 0024	<input type="checkbox"/> +	
3.	How many acres of farm/ranch land were rented or leased <u>to others</u> ? (Include land rented for cash, for a flexible rent, for a share of crop or livestock production, or rent free.) 0025	<input type="checkbox"/> -	
			Total Acres
4.	Then the TOTAL ACRES in this operation in 2016 were: <i>(Total Items 1 + 2a + 2b + 2c + 2d - 3.)</i> 0026	=	
5.	How many of the (Item 4) acres were considered cropland in 2016? (Include land in government programs, fruit/nut/berry/nursery acres, and land planted to hay, including wild hay. Exclude CRP acres planted to trees.) 0063	<input type="checkbox"/>	

LAND RENTED FROM OTHERS

6.	Including rent for land and/or buildings, what was the total CASH RENT PAID in 2016 by this operation? (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.) 0044	None	Dollars		
7.	Report any land this operation used (on a per head or AUM 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 publicly owned land on an AUM basis? (Include fees paid for privately owned land administered by a public agency through exchange-of-use.) 0045	<input type="checkbox"/>	\$.00
b.	In 2016, how much did this operation spend on pasturing or grazing of livestock on privately owned land (railroads, another farm/ranch, etc.) used on a fee per head (AUM) or gain basis? 0046	<input type="checkbox"/>	\$.00
8.	Report any crop or livestock SHARE RENT payments for land rented from others in 2016.				
a.	What was the estimated total MARKET VALUE of your landlord's share of crop production from this operation in 2016? 0184	<input type="checkbox"/>	\$.00
b.	What was the estimated total MARKET VALUE of your landlord's share of livestock production sold or removed from this operation in 2016? (Exclude shared livestock production not part of a land rental arrangement.) 0276	<input type="checkbox"/>	\$.00
9.	What was the estimated market value of the land and buildings on the acres rented or leased FROM OTHERS on December 31, 2016? 0855	<input type="checkbox"/>	\$.00

LAND RENTED TO OTHERS

10.	Including rent for land and/or buildings, what was the total CASH RENT RECEIVED in 2016 for acres rented TO OTHERS by this operation? (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.) 0042	None	Dollars		
11.	For acres SHARE-RENTED to others, what was the total value of crop or livestock shares received in 2016 by this operation? (Include rent received in 2016 from previous years and government commodity payments received from those acres.) 0043	<input type="checkbox"/>	\$.00
12.	What was the estimated market value of the land and buildings on the acres rented or leased TO OTHERS on December 31, 2016? 0857	<input type="checkbox"/>	\$.00



SECTION B ACREAGE, PRODUCTION, and 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 **Yes - Continue** **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?		3 What was the total production? <i>(Include landlord share and amount used on operation.)</i>		4 How much of this operation's share of the total production was (will be) used on this operation for feed, seed, etc.?			5 How much was received in Cash Sales from any year's production? <i>(Exclude contract sales and removals.)</i>	
	(Acres)		(Total Amount)		(Amount Used on Operation)			(Dollars)	
FIELD CROPS									
Corn for grain	0105		0106		Bu.	0107		Bu.	0108 \$.00
Corn for silage or greenchop	0109		0110		Tons	0111		Tons	0112 \$.00
Cotton, all types	0113		0114		Lbs.				0116 \$.00
Peanuts	0117		0118		Lbs.	0119		Lbs.	0120 \$.00
Potatoes <i>(report sweet potatoes in all other crops)</i>	0121	Acres Tenths	0122		Cwt.	0123		Cwt.	0124 \$.00
Rice	0125		0126		Cwt.	0127		Cwt.	0128 \$.00
Sorghum for grain or seed	0129		0130		Bu.	0131		Bu.	0132 \$.00
Sorghum for silage	0133		0134		Tons	0135		Tons	0136 \$.00
Soybeans	0137		0138		Bu.	0139		Bu.	0140 \$.00
Tobacco, all types	0141	Acres Tenths	0142		Lbs.				0144 \$.00
SMALL GRAINS									
Barley for grain or seed	0145		0146		Bu.	0147		Bu.	0148 \$.00
Oats for grain or seed	0149		0150		Bu.	0151		Bu.	0152 \$.00
Wheat, all types, for grain or seed	0153		0154		Bu.	0155		Bu.	0156 \$.00
DRY HAY CROPS									
Hay, dry, alfalfa and alfalfa mixtures	0157		0158		Tons	0159		Tons	0160 \$.00
Hay, dry, all others	0161		0162		Tons	0163		Tons	0164 \$.00
OTHER CROPS									
Canola	0165		0166		Lbs.	0167		Lbs.	0168 \$.00
Other oilseeds	0169		0170		Lbs.	0171		Lbs.	0172 \$.00
Sugarcane or sugarbeets	0173		0174		Tons	0175		Tons	0176 \$.00
Dry edible beans/peas/lentils	0177								0185 \$.00
Vegetables for processing	0178								0186 \$.00
All other vegetables and melons <i>(Exclude vegetables grown under glass or other protection.)</i>	0179								0187 \$.00
Fruits, nuts, and berries <i>(Include citrus.)</i>	0180				SQUARE FEET UNDER glass or other protection		ACRES in the OPEN	Tenths	0188 \$.00
Nursery and greenhouse crops <i>(Include Christmas trees.)</i>			0191			0192			0189 \$.00
All other crops not listed above <i>(Include sweet potatoes.)</i>	0182								0190 \$.00

SECTION C LIVESTOCK INVENTORY, NUMBER SOLD/REMOVED, and 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 LIVESTOCK	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 marketing contract sales.) (Dollars)
a. Beef cows (Include beef heifers that have calved. Exclude heifers that have not calved, steers, calves, and bulls.)	0255	0256	0254	1254 \$.00
b. Milk cows, including any dry cows (Exclude any heifers not yet freshened.)	0258	0259	0257	1258 \$.00
c. Other cattle and calves (Include fed cattle, beef and dairy cull animals, stockers and feeders, veal calves, etc.)	0252	0253	0251	1251 \$.00
d. Total cattle and calves (Items a + b + c)	0261	0295	0260	1295 \$.00
(i) Of the total (row d, col. 5) dollars, how much was for breeding stock ? ^{1/}				0512 \$.00
(ii) Recognized gain/loss on sale of breeding stock . (If a loss was incurred, indicate with a negative sign)				0535 \$.00
e. Total milk sold in 2016 (report in cwt)			0270 Cwt	0510 \$.00
(i) Of the total (row e, col. 4) cwt, how much was certified organic milk ?			1528 Cwt	1298 \$.00
f. All hogs and pigs	0263	0296	0262	1296 \$.00
(i) Of the total (row f, col. 5) dollars, how much was for breeding stock ? ^{1/}				0509 \$.00
(ii) Recognized gain/loss on sale of breeding stock . (If a loss was incurred, indicate with a negative sign)				0533 \$.00
g. All layers and pullets, including table and hatching	0249	0250	0248	0526 \$.00
(i) All eggs, including hatching eggs (report in dozens)			0266 Doz	0514 \$.00
h. Turkeys	0269	0298	0268	0515 \$.00
i. Broilers	0265	0297	0264	0513 \$.00
j. Other Poultry (Include other chickens, ducks, emus, geese, hatchlings, ostriches, pigeons, pheasants, quail, poultry products, etc.)	0275	0299	0274	0516 \$.00
k. Other animals and other animal products (Include sheep, goats, & their products (wool, mohair, & goat milk); horses, ponies, mules, burros, & donkeys; aquaculture; bees & honey; semen & embryo sales).	0273	1273	0272	0517 \$.00
(i) Of the total (row k, col. 5) dollars, how much was for breeding stock ? ^{1/}				0528 \$.00
(ii) Recognized gain/loss on sale of breeding stock . (If a loss was incurred, indicate with a negative sign)				0534 \$.00

^{1/} 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. In 2016, did any OTHER operations grow, feed, or raise livestock or poultry owned by this operation under a contract agreement where you are the contractor?

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

1 What livestock or poultry were being raised or fed for this operation? [List type below.]	2 Commodity Code Office Use Only (Code)	3 What was the market value of [type] on hand on contractee operations on Jan. 1, 2016? (Dollars)	4 What was the estimated market value (at placement) of [type] placed under contract DURING 2016? (Dollars)	5 How much was paid to contractees for labor, management, and reimbursement for expenses? (Dollars)	6 How much were the GROSS receipts from [type] sold or removed under this contract? (Dollars)	7 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^{1/} 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).)

1 What commodities did this operation have MARKETING contracts for in 2016? [Write in commodities]	2 Commodity Code Office Use Only (Code)	3 What quantity of this commodity was delivered through this contract? (Exclude landlord's share.) (Quantity)	4 Unit Code (from list below) (Code)	5 What was (will be) the FINAL PRICE RECEIVED per unit by this operation for this commodity marketed under this contract? (Dollars & Cents)	6 What was the total dollar amount received in 2016 from this contract? (Total Dollars)
<i>Commodity example</i>	0000	0000	0000	04	0000 \$ 3 . 75
	0301	0304	0305	0306	\$. 0307 \$.00
	0316	0319	0320	0321	\$. 0322 \$.00
	0331	0334	0335	0336	\$. 0337 \$.00
	0346	0349	0350	0351	\$. 0352 \$.00
	0361	0364	0365	0366	\$. 0367 \$.00
	0376	0379	0380	0381	\$. 0382 \$.00
	1351	1354	1355	1356	\$. 1357 \$.00
	1366	1369	1370	1371	\$. 1372 \$.00
	1381	1384	1385	1386	\$. 1387 \$.00
	1396	1399	1400	1401	\$. 1402 \$.00
	1411	1414	1415	1416	\$. 1417 \$.00
	1426	1429	1430	1431	\$. 1432 \$.00

If more space is needed, please use a separate sheet of paper.
^{1/} "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
Pound	01	Bin	05	Dozen	09	Barrel	20
CWT.	02	Box	06	Flat	10	Acre	22
Ton	03	Bale	07	Head / Bird	11	Animal Space	39
Bushels	04	Carton	08	Plant / Pot	13	Kilogram	40

SECTION F PRODUCTION CONTRACTS & CUSTOM FED LIVESTOCK

1. During 2016, were you a production contract grower for a processor or contractor for whom you grew a crop, raised livestock or poultry, or custom fed any livestock that you **did not own**? A production contract is an agreement setting terms, conditions, and fees to be paid by the contractor to the operation for the production of crops, livestock, or poultry.

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.)

1 What commodities did this operation have PRODUCTION contracts for in 2016? [Write in commodities]	2 Commodity Code Office Use Only (Code)		3 Total quantity moved from this operation under contract in 2016? (Exclude landlord's share.) (Quantity)		4 Unit Code (from list below) (Code)		5 What was (will be) the FINAL FEE RECEIVED per unit by this operation for producing this commodity under this contract? (Dollars & Cents)			6 What were the TOTAL FEES RECEIVED in 2016 under contract? ^{1/} (Total Dollars)	
<i>Commodity example</i>	0000		0000	5000	0000	||	0000	\$ 15	. 25	0000	\$ 76250 .00
	0401		0404		0405		0406	\$	.	0407	\$.00
	0416		0419		0420		0421	\$	.	0422	\$.00
	0431		0434		0435		0436	\$	.	0437	\$.00
	0446		0449		0450		0451	\$	.	0452	\$.00
	1441		1444		1445		1446	\$	.	1447	\$.00
	1456		1459		1460		1461	\$	.	1462	\$.00
	1471		1474		1475		1476	\$	.	1477	\$.00
	1486		1489		1490		1491	\$	.	1492	\$.00

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

^{1/} 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
Pound	01	Bin	05	Dozen	09	Barrel	20
CWT	02	Box	06	Flat	10	Acre	22
Ton	03	Bale	07	Head / Bird	11	Animal Space	39
Bushels	04	Carton	08	Plant / Pot	13	Kilogram	40

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

[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 owed to this operation for all commodities produced and sold (<i>cash or contract</i>) before January 1, 2016? . . . 0885	<input type="checkbox"/>	\$.00
(i) How much did this operation receive from Item 1a during 2016? 0875	<input type="checkbox"/>	\$.00
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? 0886	<input type="checkbox"/>	\$.00



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, cotton, crambe, dry edible peas, flaxseed, honey, lentils, mohair, wool, mustard seed, oats, peanuts, rice, safflower, sesame seed, small chickpeas, sorghum, soybeans, sugar, sunflower seed, and wheat.)</i> 0518	None <input type="checkbox"/>	Dollars	\$		.00
b. In 2016, what was the amount spent to repay all CCC loans? <i>(Exclude interest, storage, and service fees.)</i> 0519	<input type="checkbox"/>		\$.00

[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 Sales (SECTIONS B and C). If the redeemed crops or livestock products were NOT sold in 2016, their value should be reported in SECTION J, Item 3a or Item 3c.]

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 Item 3**

a. 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> 0529	None <input type="checkbox"/>	Dollars	\$		.00
b. In 2016, how many acres were enrolled and how much was received from each of the following programs?					
	None <input type="checkbox"/>	Acres		Dollars	
(i) Conservation Reserve Program (CRP) 0565	<input type="checkbox"/>		0538	\$	.00
(ii) Environmental Quality Incentives Program (EQIP) 0543	<input type="checkbox"/>		0540	\$	.00
(iii) Conservation Stewardship Program (CSP) 0567	<input type="checkbox"/>		0566	\$	.00
(iv) All other U.S. Federal conservation programs. 0544	<input type="checkbox"/>		0541	\$	.00
c. In 2016, how much was received from each of the following programs?					
(i) 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> 0537	None <input type="checkbox"/>			Dollars	\$.00
(ii) Price Loss Coverage (PLC) program? <i>(Include government payments received through a cooperative.)</i> 0464	<input type="checkbox"/>			\$.00
(iii) Agricultural Risk Coverage (ARC) program? <i>(Include government payments received through a cooperative.)</i> 1493	<input type="checkbox"/>			\$.00
(iv) Margin Protection Program for Dairy (MPP - Dairy)? 2211	<input type="checkbox"/>			\$.00
(v) All other Federal, State, or local program payments? <i>(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 above. Exclude Federal crop insurance payments and other indemnity payments, and payments received in 2016 from selling an easement.)</i> 0545	<input type="checkbox"/>			\$.00

OTHER FARM RELATED INCOME

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.) 0546	<input type="checkbox"/>	\$ <input type="text"/> .00
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.) . . . 0547	<input type="checkbox"/>	\$ <input type="text"/> .00
c. sales of all forest products? (Include firewood, timber, etc. Exclude maple syrup and Christmas trees.) 0549	<input type="checkbox"/>	\$ <input type="text"/> .00
d. sales of farm machinery and vehicles? (Include farm share only) 0550	<input type="checkbox"/>	\$ <input type="text"/> .00
e. all insurance indemnity payments? (Include indemnity payments for all federal and other crop and livestock insurance, casualty insurance, hail insurance, vehicles and equipment and blanket insurance policies. Include indemnities received on the operator's dwelling, if owned by the operation) 1494	<input type="checkbox"/>	\$ <input type="text"/> .00
(i) Of the (Item 3e) dollars, how much was received for Federal crop and livestock insurance? 0552	<input type="checkbox"/>	\$ <input type="text"/> .00
f. cooperative patronage dividends and refunds? 0554	<input type="checkbox"/>	\$ <input type="text"/> .00
g. income from royalties or leases associated with energy production (e.g. natural gas, oil, and wind turbines)? 0555	<input type="checkbox"/>	\$ <input type="text"/> .00
h. proceeds from sales of farmland and other farm real estate owned by this operation only? 0558	<input type="checkbox"/>	\$ <input type="text"/> .00
(i) What was the recognized gain/loss on the (Item 3h) sales of farmland and other farm real estate? (If a loss was incurred, please indicate with a negative sign). . . 0559	<input type="checkbox"/>	\$ <input type="text"/> .00

Acres
<input type="text"/>

(ii) How many acres were sold? 0561

	None	Dollars
i. all other farm related sources of income? (Include: allotment or quota leases, animal boarding, sales of poultry litter and manure, income from recreational activities such as hunting, fishing, tourism, etc., State fuel tax refunds, tax refunds, real estate tax rebates for land preservation; refunds of marketing expenses; renting or leasing of livestock or machinery; sales of value-added goods such as cheese, cider, jams, etc. if these are not part of a separate business. Hedging profits and losses and if a loss was incurred, please indicate with a negative sign.) 0556	<input type="checkbox"/>	\$ <input type="text"/> .00

4. In 2016, did the largest portion of this operation's total gross value of sales come from crops or livestock? (If the operation had no sales in 2016, choose crops if the value of cropland on the operation exceeds the value of any livestock on the operation in 2016. Otherwise, choose livestock).

0562 ¹ CROP ² LIVESTOCK

SECTION I OPERATING & CAPITAL EXPENDITURES

Report total production expenses paid by this operation in 2016. **(Include only expenses related to this operation. Exclude expenses NOT related to this farm/ranch; expenses of performing custom work FOR others, if this is a separate business; and expenses on land rented to others.)**

In 2016, how much was spent for (item) by [column] –
OPERATING EXPENSES in 2016

None	OPERATOR(S) and PARTNER(S)	LANDLORD(S)	CONTRACTOR(S)
	(Dollars)	(Dollars)	(Dollars)
1. seeds, sets, plants, seed cleaning and treatments, transplants, trees and nursery stock? (Include technology or other fees, seed treatments, and seed cleaning cost. Exclude items purchased for resale without additional growth.) <input type="checkbox"/>	0600 \$.00	0601 \$.00	0602 \$.00
2. nutrients, fertilizer, lime, and soil conditioners? (Include cost of custom application and organic materials. Exclude potting mixes, vermiculite, and sterilized soil.) <input type="checkbox"/>	0606 \$.00	0607 \$.00	0608 \$.00
3. agricultural chemicals and biocontrols for crops, livestock, poultry, and general farm use? (Include biological pest controls and custom application costs.) <input type="checkbox"/>	0612 \$.00	0613 \$.00	0614 \$.00
a. Of the (Item 3) dollars, how much was for the DAIRY enterprise? <input type="checkbox"/>	0615 \$.00	0616 \$.00	0617 \$.00
4. livestock purchases of –	0621	0622	0623
a. breeding stock for beef cattle, dairy cattle, hogs and sheep? <input type="checkbox"/>	0624 \$.00	0625 \$.00	0626 \$.00
b. other cattle, calves, hogs and pigs? [Report other sheep in Item 4d.] <input type="checkbox"/>	0627 \$.00	0628 \$.00	0629 \$.00
c. chickens and turkeys? [Report ducks and game birds in Item 4d.] <input type="checkbox"/>	0630 \$.00	0631 \$.00	0632 \$.00
d. other livestock and poultry? (Include other sheep, lambs, bees, brood fish, fingerlings, eggs for hatching, goats, etc.) <input type="checkbox"/>	0633 \$.00	0634 \$.00	0635 \$.00
5. leasing of livestock? (Include bees, bulls, dairy cattle, etc.) <input type="checkbox"/>	0596 \$.00	0597 \$.00	0598 \$.00
a. How much of this (Item 5) was for the DAIRY enterprise? <input type="checkbox"/>	0636 \$.00	0637 \$.00	0638 \$.00
6. purchased feed for livestock and poultry? (Include grain, hay, silage, mixed feeds, concentrates, etc.) <input type="checkbox"/>	0891 \$.00	0892 \$.00	0893 \$.00
a. Of the (Item 6) dollars, how much was for the DAIRY enterprise? <input type="checkbox"/>	0639 \$.00	0640 \$.00	0641 \$.00
7. bedding and litter for livestock? <input type="checkbox"/>	0894 \$.00	0895 \$.00	0896 \$.00
a. Of the (Item 7) dollars, how much was for the DAIRY enterprise? <input type="checkbox"/>	0642 \$.00	0643 \$.00	0644 \$.00
8. medical supplies, veterinary and custom services for livestock? (Include artificial insemination (AI), branding, breeding fees, caponizing, castrating, custom feed processing, hormone injections, performance testing, pregnancy testing, seining, sheep shearing, etc. Exclude manure disposal.) <input type="checkbox"/>	0897 \$.00	0898 \$.00	0899 \$.00
a. Of the (Item 8) dollars, how much was for the DAIRY enterprise? <input type="checkbox"/>			

In 2016, how much was spent for (item) by [column] –		OPERATOR(S) and PARTNER(S)	LANDLORD(S)	CONTRACTOR(S)
		(Dollars)	(Dollars)	(Dollars)
9.	purchases for the farm business of –	0663	0664	0665
a.	all fuels, oils and lubricants? (total of 9a(i) through 9a(vi) must equal Item 9a)	<input type="checkbox"/> \$.00	<input type="checkbox"/> \$.00	<input type="checkbox"/> \$.00
	(i) diesel fuel? (Include biodiesel.)	0645 <input type="checkbox"/> \$.00	0646 <input type="checkbox"/> \$.00	0647 <input type="checkbox"/> \$.00
	(ii) gasoline and gasohol? (Include ethanol blends.)	0648 <input type="checkbox"/> \$.00	0649 <input type="checkbox"/> \$.00	0650 <input type="checkbox"/> \$.00
	(iii) natural gas?	0651 <input type="checkbox"/> \$.00	0652 <input type="checkbox"/> \$.00	0653 <input type="checkbox"/> \$.00
	(iv) LP gas (propane, butane)?	0654 <input type="checkbox"/> \$.00	0655 <input type="checkbox"/> \$.00	0656 <input type="checkbox"/> \$.00
	(v) oils and lubricants? (Include grease, hydraulic fluids, motor oils, transmission fluids, etc.)	0657 <input type="checkbox"/> \$.00	0658 <input type="checkbox"/> \$.00	0659 <input type="checkbox"/> \$.00
	(vi) all other fuel? (Include coal, fuel oil, kerosene, wood, etc.)	0660 <input type="checkbox"/> \$.00	0661 <input type="checkbox"/> \$.00	0662 <input type="checkbox"/> \$.00
b.	Of the (Item 9a) dollars, how much was for the DAIRY enterprise?	0672 <input type="checkbox"/> \$.00	0673 <input type="checkbox"/> \$.00	0674 <input type="checkbox"/> \$.00
10.	electricity for the farm business?	0675 <input type="checkbox"/> \$.00	0676 <input type="checkbox"/> \$.00	0677 <input type="checkbox"/> \$.00
a.	Of the (Item 10) dollars, how much was for irrigation?	0678 <input type="checkbox"/> \$.00	0679 <input type="checkbox"/> \$.00	0680 <input type="checkbox"/> \$.00
b.	Of the (Item 10) dollars, how much was for drying?	0687 <input type="checkbox"/> \$.00	0688 <input type="checkbox"/> \$.00	0689 <input type="checkbox"/> \$.00
c.	Of the (Item 10) dollars, how much was for specialized livestock production facilities such as dairies, feedlots, poultry houses, and swine buildings?	0693 <input type="checkbox"/> \$.00	0694 <input type="checkbox"/> \$.00	0695 <input type="checkbox"/> \$.00
	(i) Of the (Item 10c) dollars, how much was for the DAIRY enterprise?	0947 <input type="checkbox"/> \$.00	0948 <input type="checkbox"/> \$.00	0949 <input type="checkbox"/> \$.00
11.	purchased water for irrigation? (Include irrigation assessments and fees.)	0696 <input type="checkbox"/> \$.00	0697 <input type="checkbox"/> \$.00	0698 <input type="checkbox"/> \$.00
12.	all other utilities, such as the farm share of telephone service, water purchased other than for irrigation, and Internet access?	0872 <input type="checkbox"/> \$.00	0873 <input type="checkbox"/> \$.00	0874 <input type="checkbox"/> \$.00
13.	farm supplies, marketing containers, hand tools and farm shop power equipment? (Include expenses for temporary fencing. Exclude expenses for bedding/litter and permanent fencing.)	0702 <input type="checkbox"/> \$.00	0703 <input type="checkbox"/> \$.00	0704 <input type="checkbox"/> \$.00
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 <input type="checkbox"/> \$.00	0709 <input type="checkbox"/> \$.00	0710 <input type="checkbox"/> \$.00
a.	Of the (Item 14) dollars, how much was for the DAIRY enterprise?	0711 <input type="checkbox"/> \$.00	0712 <input type="checkbox"/> \$.00	0713 <input type="checkbox"/> \$.00

In 2016, how much was spent for (item) by [column] –	None	OPERATOR(S) and PARTNER(S) (Dollars)	LANDLORD(S) (Dollars)	CONTRACTOR(S) (Dollars)
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? <i>(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.)</i>	<input type="checkbox"/>	0714 \$.00	0715 \$.00	0716 \$.00
a. Of the (Item 15) dollars, how much was for specialized livestock production facilities such as dairies, feedlots, poultry houses, and swine buildings?	<input type="checkbox"/>	0717 \$.00	0718 \$.00	0719 \$.00
(i) Of the (Item 15a) dollars, how much was for the DAIRY enterprise?	<input type="checkbox"/>	0568 \$.00	0569 \$.00	0570 \$.00
b. Of the (Item 15) dollars, how much was for maintenance and repair of irrigation equipment and pumps?	<input type="checkbox"/>	0720 \$.00	0721 \$.00	0722 \$.00
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.)	<input type="checkbox"/>	0726 \$.00		
17. insurance for the farm business? <i>(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 and worker's compensation (reported in SECTION I, Item 26 or SECTION N, Item 2e(i)) and other payroll insurance items.)</i>	<input type="checkbox"/>	0729 \$.00	0730 \$.00	0731 \$.00
a. Of the (Item 17) dollars, how much was for Federal crop and livestock insurance?	<input type="checkbox"/>	0732 \$.00	0733 \$.00	0734 \$.00
b. Of the (Item 17) dollars, how much was for participation fees and any buy-up coverage for FSA's Margin Protection Program for Dairy, including the \$100 administrative fee?	<input type="checkbox"/>	2702 \$.00	2703 \$.00	2704 \$.00
18. interest and fees paid on debts —				
a. secured by real estate? <i>(Include interest paid on the operator's dwelling, if owned by the operation.)</i>	<input type="checkbox"/>	0738 \$.00	0739 \$.00	
b. not secured by real estate? <i>(Include service fees on CCC loan redemptions.)</i>	<input type="checkbox"/>	0741 \$.00	0742 \$.00	
19. property taxes paid on —				
a. real estate (land and buildings)? <i>(Include real estate taxes on the operator's dwelling, if owned by the operation.)</i>	<input type="checkbox"/>	0744 \$.00	0745 \$.00	0746 \$.00
b. livestock, machinery, and other farm production items?	<input type="checkbox"/>	0747 \$.00	0748 \$.00	0749 \$.00
20. renting or leasing of tractors, vehicles, equipment or storage structures? <i>(Include storage bins, farm machinery, cars, trucks, irrigation equipment and other equipment. Exclude custom hire.)</i>	<input type="checkbox"/>	0750 \$.00	0751 \$.00	
21. vehicle registration and licensing fees?	<input type="checkbox"/>	0753 \$.00	0754 \$.00	
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>	<input type="checkbox"/>	0756 \$.00		
a. Of the (Item 22) dollars, how much was claimed for breeding livestock?	<input type="checkbox"/>	0757 \$.00		

The following table applies to items 23 and 24

Include	Exclude			
<ul style="list-style-type: none"> • Cash wages • Incentives and bonuses • Payments to corporate officers and family members, including yourself and other operators if they received a wage 	<ul style="list-style-type: none"> • Draws by individual operators and partners • Wages paid for custom labor or contract work • Payments to pensions or retirement plans • Social Security on owner/operator 	Employer's share of: <ul style="list-style-type: none"> • Social Security and unemployment taxes • Health and life insurance • Worker's compensation 		
In 2016, how much was spent for (item) by [column] –	None	OPERATOR(S) and PARTNER(S) (Dollars)	LANDLORD(S) (Dollars)	CONTRACTOR(S) (Dollars)
		0758	0759	0760
23. CASH WAGES paid to hired farm and ranch labor?	<input type="checkbox"/>	\$.00	\$.00	\$.00
		0761	0762	0763
a. Of the (Item 23) dollars, how much was for the DAIRY enterprise?	<input type="checkbox"/>	\$.00	\$.00	\$.00
24. Of the (Item 23) dollars, how much salary or wage was paid to — (total 24a + 24b + 24c + 24d + 24e must equal Item 23)		0764	0765	0766
a. you (the principal operator)?	<input type="checkbox"/>	\$.00	\$.00	\$.00
b. your (the principal operator's) spouse? (Even if your spouse is an operator, include his/her wages here.)	<input type="checkbox"/>	\$.00	\$.00	\$.00
		0767	0768	0769
c. other members of your (the operator's) household? (Even if your other household members are operators, include their wages here.)	<input type="checkbox"/>	\$.00	\$.00	\$.00
		0574	0575	0576
d. other operators (outside the operator's household)? (Those persons responsible for the day-to-day management decisions for this operation.)	<input type="checkbox"/>	\$.00	\$.00	\$.00
		0770	0771	0772
e. all other paid farm and ranch labor?	<input type="checkbox"/>	\$.00	\$.00	\$.00
		0773	0774	0775
25. payroll taxes for hired labor? (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.)	<input type="checkbox"/>	\$.00	\$.00	\$.00
		0705	0706	0707
a. Of the (Item 25) dollars, how much was for the DAIRY enterprise?	<input type="checkbox"/>	\$.00	\$.00	\$.00
		0779	0780	0781
26. benefits for hired labor? (Include employer's share of health insurance, pension or retirement plans, Worker's Compensation, etc. Include any amounts the farm paid for farm workers that are part of your (the operator's) household.)	<input type="checkbox"/>	\$.00	\$.00	\$.00
		0915	0916	0917
a. Of the (Item 26) dollars, how much was for the DAIRY enterprise?	<input type="checkbox"/>	\$.00	\$.00	\$.00
		0472	0473	0474
27. contract labor? (Include expenses for labor, such as harvesting of fruit, vegetables, berries, etc. performed on a contract basis by a contractor, crew leader, cooperative, etc. Exclude contract work for building construction, repairs, or farm improvements, and payments to other operations that fed/raised livestock under contract FOR this operation.)	<input type="checkbox"/>	\$.00	\$.00	\$.00
		0782	0783	0784
a. Of the (Item 27) dollars, how much was for the DAIRY enterprise?	<input type="checkbox"/>	\$.00	\$.00	\$.00
		0785	0786	0787

In 2016, how much was spent for (item) by [column] –	None			OPERATOR(S) and PARTNER(S)	LANDLORD(S)	CONTRACTOR(S)				
				(Dollars)	(Dollars)	(Dollars)				
28. custom work such as — <i>(Custom work is work performed by machines & labor hired as a unit.)</i>				0776	0777	0778				
a. hauling? (Include all custom grain, livestock, milk, manure, and other custom hauling.)	<input type="checkbox"/>			\$.00	\$.00	\$.00				
b. all other custom work done on this operation? <i>(Report custom livestock services in Item 8.)</i>	<input type="checkbox"/>			0791 \$.00	0792 \$.00	0793 \$.00				
c. Of the (Item 28a and 28b) dollars, how much was for the DAIRY enterprise?	<input type="checkbox"/>			0794 \$.00	0795 \$.00	0796 \$.00				
29. The cash value of all commodities and NON-CASH PAYMENTS for farm work provided to:										
a. workers who were members of your <i>(the operator's)</i> household? (Include value of a percentage of crops, calves, etc. Exclude operator payments or draws.)	<input type="checkbox"/>			0797 \$.00						
b. workers who were NOT members of your <i>(the operator's)</i> 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 \$.00						
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 \$.00						
a. What percent of the (Item 30) dollars was for livestock and livestock products?	<input type="checkbox"/>			<table border="1"> <tr><th colspan="2">Percent</th></tr> <tr><td>0800</td><td>%</td></tr> </table>			Percent		0800	%
Percent										
0800	%									
31. professional or farm management services such as record keeping, accounting, tax and business planning, farm product advice, conservation practices, etc.?	<input type="checkbox"/>			<table border="1"> <tr><th colspan="2">Dollars</th></tr> <tr><td>0801</td><td></td></tr> </table>			Dollars		0801	
Dollars										
0801										
32. general business expenses? (Include legal fees, permits, postage/shipping, advertising, other program fees, etc.)	<input type="checkbox"/>			0804 \$.00	0805 \$.00	0806 \$.00				
Specify General Business Expenses & Amounts:	<div style="border: 1px solid black; height: 40px; width: 100%;"></div>									
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 \$.00	0869 \$.00	0870 \$.00				
a. Of the (Item 33) dollars, how much was for the DAIRY enterprise?	<input type="checkbox"/>			0943 \$.00	0944 \$.00	0945 \$.00				

		OPERATOR(S) and PARTNER(S) (Dollars)	LANDLORD(S) (Dollars)	CONTRACTOR(S) (Dollars)
In 2016, how much was spent for (item) by [column] –				
CAPITAL EXPENSES in 2016				
34. improvements on land such as land preparation, irrigation improvements, well drilling, ponds, feedlots, trench silos, lagoons, new fences, etc.? <i>(Exclude moveable equipment.)</i>	None <input type="checkbox"/>	0807 \$.00	0808 \$.00	0809 \$.00
35. new construction and remodeling of dwellings, barns, buildings, hog houses, poultry houses, milk barns, storage facilities, sheds, silos, etc.? <i>(Exclude new construction and remodeling of operator's dwelling. Exclude repairs and maintenance.)</i>	None <input type="checkbox"/>	0810 \$.00	0811 \$.00	0812 \$.00
36. new construction or remodeling of the operator's dwelling, if owned by the operation?	None <input type="checkbox"/>	0813 \$.00		
For Items 37 through 44, 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 <input type="checkbox"/>	Percent for farm/ranch use 0817 %	Dollars 0816 \$.00	
37. Cars – <i>(Include new and used.)</i>				
38. Trucks – <i>(Include new and used trucks, pickups, sport utility vehicles, vans, campers and buses.)</i>	None <input type="checkbox"/>	0819 %	Dollars 0818 \$.00	
39. Tractors – <i>(Include new and used.)</i>	None <input type="checkbox"/>		Dollars 0820 \$.00	
40. Self-propelled equipment – <i>(Include implements and self-propelled equipment for livestock, dairy, or poultry production. Exclude tractors.)</i>	None <input type="checkbox"/>		Dollars 0821 \$.00	
41. Other farm machinery, non-self-propelled farm equipment, pumps, and capital equipment for crop or livestock production. <i>(Include farm share only.)</i>	None <input type="checkbox"/>		Dollars 0822 \$.00	
42. Office equipment, furniture, and computers that were placed on a depreciation schedule.	None <input type="checkbox"/>		Dollars 0823 \$.00	
43. Farmland and other farm real estate for expanding this operation.	None <input type="checkbox"/>	Acres 0802	Dollars 0803 \$.00	
44. All other capital expenditures. <i>(Include ATVs, and all other capital expenditures that were placed on a depreciation schedule.)</i>	None <input type="checkbox"/>		Dollars 0824 \$.00	
Specify Other Capital Expenditures & Amounts: <div style="border: 1px solid black; height: 30px; width: 100%;"></div>				
Other Expenses				
	None <input type="checkbox"/>	OPERATOR(S) and PARTNER(S) (Dollars)	LANDLORD(S) (Dollars)	CONTRACTOR(S) (Dollars)
45. What other expenses did this operation have in 2016 that have not been recorded? <i>(Include potting soil.)</i>		0825 \$.00	0826 \$.00	0827 \$.00
Specify Other Expenses & Amounts: <div style="border: 1px solid black; height: 30px; width: 100%;"></div>				

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 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.) 0850	<input type="checkbox"/>	\$.00
b. all other dwellings? 0851	<input type="checkbox"/>	\$.00
c. all other farm buildings and structures? (Include barns and other livestock facilities, cribs, grain bins, greenhouses, silos, storage sheds, fences, corrals, etc.) 0852	<input type="checkbox"/>	\$.00
d. orchard trees and vines, nursery trees, and trees grown for woody crops? 0853	<input type="checkbox"/>	\$.00
e. oil, gas, and mineral rights 7101	<input type="checkbox"/>	\$.00
f. land? (Include land rented to others. Exclude houses, buildings, orchard trees and vines, and trees grown for woody crops.) 0854	<input type="checkbox"/>	\$.00

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

a. trucks and cars owned by the operation? (Include farm share only) 0882	<input type="checkbox"/>	\$.00
b. tractors, machinery, tools, equipment and implements owned by the operation? 0883	<input type="checkbox"/>	\$.00
c. stock in farm cooperatives and the Farm Credit System? 0884	<input type="checkbox"/>	\$.00

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? (Include crops stored at co-op or gin warehouse, specialty crops, fruit storage, hay, silage, and nursery and greenhouse products not in the ground. Exclude trees and vines and crops under CCC loans.) 0888	<input type="checkbox"/>	0888 \$.00	0889 \$.00
b. breeding livestock owned by and located on or off this operation? (Include aquaculture, bees, cattle, equine, hogs, mink, poultry, sheep, etc., kept for breeding purposes. Exclude livestock being produced under contract on another operation (reported in Section D).) 0863	<input type="checkbox"/>	0863 \$.00	0864 \$.00
c. non-breeding livestock owned by and located on or off this operation? (Include aquaculture, bees, cattle, equine, hogs, mink, poultry, sheep, etc., kept for non-breeding purposes. Include livestock products such as honey, mohair, and wool. Exclude livestock being produced under contract on another operation (reported in Section D).) 0876	<input type="checkbox"/>	0876 \$.00	0877 \$.00
d. production inputs owned by this operation, such as processed feed, fertilizer, chemicals, fuels, parts, purchased seed and other supplies? 0878	<input type="checkbox"/>	0878 \$.00	0879 \$.00
e. production inputs already used by this operation for cover crops or crops planted but not yet mature for harvest (also known as sunk costs), or the value of inputs used for production contracts that have yet to be delivered? 0880	<input type="checkbox"/>	0880 \$.00	0881 \$.00

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).) 0887

None	DEC. 31, 2016 (Dollars)
<input type="checkbox"/>	\$.00



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 **Yes - Continue** **No - Go to Section L**

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.)** 0890

None	Dollars
\$	.00

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 January 1, 2016 including outstanding principal plus unpaid interest? (Dollars)	3 What was the balance owed on Dec. 31, 2016 including outstanding principal plus unpaid interest? (Dollars)	4 What was the interest rate on Dec. 31, 2016? [Report in hundredths of a percent. Example: 9% = 09.00] (Percent)	5 What is the type of loan? [From Loan Type Codes Below.] (Code)	6 What year was it obtained? [For refinanced loans, report year refinanced] (Year) (YYYY)	7 What is the original term of the loan? (Number of Years)	8 What percent is for operating expenses, capital expenditures, or other expenses of the farm operation? (Percent)	9 What is the primary farm purpose of this loan? [From Loan Purpose Codes Below.] (Code)
1001	1050	1002	1003	1004	1005	1008	1006	1007
	\$.00	\$.00	.					
1010	1051	1011	1012	1013	1014	1017	1015	1016
	\$.00	\$.00	.					
1019	1052	1020	1021	1022	1023	1026	1024	1025
	\$.00	\$.00	.					
1028	1053	1029	1030	1031	1032	1035	1033	1034
	\$.00	\$.00	.					
1037	1054	1038	1039	1040	1041	1044	1042	1043
	\$.00	\$.00	.					

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 9)	
Lender	Code	Lender	Code	Purpose	Code
FARM CREDIT SYSTEM	1	Any other individuals	14	Purchased real estate (land & its attachments) . . . 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 (such as unpaid bills, etc.)	19	Purchase feeder livestock	2
Life insurance companies	7			Purchase other livestock	3
Implement dealers and financing corporations	8			Other current operating expenses	4
Input suppliers	9			> current crop production	
Co-ops and other merchants	10			> care and feeding livestock including poultry	
Contractor	11			> 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			Farm machinery and equipment	5
Individuals from whom any land in this operation was bought under a land purchase contract	13			Debt consolidation	6
				Other	7

4. If you had farm loans in addition to the five recorded above, 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.)** 1047

None	Dollars
\$	.00

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

\$.00
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0999
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SECTION L FARM LABOR AND MANAGEMENT

1. In 2016, did your household and extended family own more than 50% of this farming operation?

Select yes if more than 50% of the assets of this operation are owned by you (the principal operator), members of your household, and/or other persons related to you by blood, marriage, or adoption, including relatives not residing in your household. Consider only farm or ranch assets owned – not rented or leased – by this operation, and **exclude** the assets held by non-family landlords and contractors.

1249 **1 Yes** **3 No**

2. 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.) 1246

Number

a. What percent of the ownership interest did you (the operator) and your household hold? (**Exclude** relatives not living in your household.) 1248

Percent
%

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

4. In 2016, what was this operation's legal status for tax purposes (*select only one*)?

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? 1232

Number

3 C-Corporation

4 S-Corporation

5 Other (Include** estates, trusts, cooperatives, grazing associations, etc.)**

5. 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 6**

a. How many other households shared in the net income of the farm business? 0976

Number

6. 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 6b**

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 6b and proceed to item 7.] 0975

Dollars
\$
.00

b. 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.*) 0974

Percent
%

7. 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** consultants and hired workers unless they are a hired manager.) 1200

Number

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

1205 **1 Yes - Continue** **3 No - Go to Item 10**

9. 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 7 above.*) 1209 **1 Yes** **3 No**

10. 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 <input type="text"/> Age	1262 <input type="text"/> Age	1282 <input type="text"/> Age
d. In what year did the operator begin to operate ANY farm?	1241 <input type="text"/>	1261 <input type="text"/>	1281 <input type="text"/>

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 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? Enter TOTAL average hours worked by all other operators and household members. (Exclude the principal operator and spouse. Include both paid and unpaid hours)	<input type="checkbox"/>	0836	0837	0838	0839
d. all other unpaid workers not previously reported work for this farm/ranch? Enter TOTAL average hours worked by all unpaid workers. (Include volunteers and interns. Exclude custom hire and contract labor.)	<input type="checkbox"/>	0840	0841	0842	0843
e. all other paid workers not previously reported work for this farm/ranch? Enter TOTAL average hours worked by all paid workers. (Exclude custom hire and contract labor.)	<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 11e.)

DAIRY LABOR

12. Now thinking ONLY of the time spent in the DAIRY, such as for milking, herd management, feeding, and manure hauling and handling, about how many hours per week (work and management) did —

(Exclude hours used to produce feed for the dairy, such as field operations to produce corn silage and hay for dairy forage)

	None	Jan - Mar Hours / Week	April - June Hours / Week	July - Sept Hours / Week	Oct - Dec Hours / Week
a. you (the principal operator) work? (Include both paid and unpaid hours)	<input type="checkbox"/>	1130	1131	1132	1133
b. all other unpaid workers, such as partners and family members, work?	<input type="checkbox"/>	1134	1135	1136	1137

(i) What percent of the total hours worked by all unpaid workers other than the operator (Item 12b) in the dairy 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.) 1138

Percent	
<input type="text"/>	%

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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 8.

	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 Spanish, Hispanic, or Latino origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1220 Spanish, Hispanic, or Latino origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No		
2. What is your and your spouse's race?	<p>Mark one or more.</p> 1223 <input type="checkbox"/> White 1217 <input type="checkbox"/> Black or African American 1213 <input type="checkbox"/> American Indian or Alaska Native. Specify tribe: <input type="text"/> 1215 <input type="checkbox"/> Asian 1221 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander	<p>Mark one or more.</p> 1224 <input type="checkbox"/> White 1218 <input type="checkbox"/> Black or African American 1214 <input type="checkbox"/> American Indian or Alaska Native. Specify tribe: <input type="text"/> 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?	<p>Mark one answer only.</p> 1257 1 <input type="checkbox"/> Less than high school diploma 2 <input type="checkbox"/> High school 3 <input type="checkbox"/> Some college (<i>Include associates degree</i>) 4 <input type="checkbox"/> 4-year college graduate and beyond	<p>Mark one answer only.</p> 1260 1 <input type="checkbox"/> Less than high school diploma 2 <input type="checkbox"/> High school 3 <input type="checkbox"/> Some college (<i>Include associates degree</i>) 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?	<p>Mark one answer only.</p> 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.	<p>Mark one answer only.</p> 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			
6. How many persons lived in the principal operator's household on December 31, 2016? (<i>Include operator, spouse, children, and others living in the operator's household.</i>) 1227		<table border="1"> <tr> <th>Number</th> </tr> <tr> <td><input type="text"/></td> </tr> </table>	Number	<input type="text"/>
Number				
<input type="text"/>				

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

Dollar Range	Value Code	Dollar Range	Value Code	Dollar Range	Value Code	Dollar Range	Value Code
\$0	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		

1. Use the **value codes** from the box above to answer the questions in Section N. (**Exclude** farm income reported earlier.) Which **value code** represents the total income received by the principal operator, spouse, and household in 2016 from –

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)? (if a loss was incurred, please indicate with a negative sign).	0955	0956	0957
c. net cash income from operating any other business (net of depreciation)? (if a loss was incurred, please indicate with a negative sign).	0958	0959	0960
d. net cash income from renting farmland to others, excluding land rented to others from this operation? (Include 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? (Include operator household's share only.)			0978
(i) recognized gain/loss on the sale of capital assets reported above? (Item 1g) (if a loss was incurred, please indicate with a negative sign)			0981
h. income from private pensions and private disability payments?			0939
i. income from public sources? (Include Social Security, military and other public retirement, veteran's benefits, public disability, unemployment, or other public assistance.)			0998
j. other off-farm sources of income?			0993

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 principal operator's dwelling, if not owned by the household (Item 3c, on next page) or farm business (Section J, Item 1a 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 20.)

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

OFF-FARM ASSETS – (Please see **VALUE CODES** on page 20.)

3. Which value code on page 20 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? (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.)	0953
b. retirement accounts? (401k, 403b, IRA, Keogh, other retirement accounts)	0954
c. operator’s dwelling, if not owned by the operation? (not reported in Section J, Item 1a)	0984
d. real estate and other personal (second) homes? (other farms, residential rental, commercial, and other real estate)	0985
e. business not part of this farm?	0986
f. all household vehicles? (Including household share of vehicles partly owned by the operation)	0982
g. other assets not reported elsewhere?	0987

OFF-FARM DEBT – (Please see **VALUE CODES** on page 20.)

4. Which value code on page 20 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? (Include home mortgages, home equity loans, and lines of credit secured by the operator’s dwelling)	0988
b. mortgages on other real estate and other personal homes such as second homes? (Include mortgages, equity loans, and lines of credit secured by other real estate, including other farms, residential rental, commercial, and other real estate)	0989
c. loans on businesses that are not a part of this farm operation?	1101
d. personal loans? (Include credit cards, auto loans, unpaid taxes, and medical bills)	1102
e. all other off-farm debt owed by the operator or household?	0983
5. Which value code on page 20 represents the amount of off-farm debt owed by the operator or household members that was secured by farm assets?	1117

2015 INCOME & EXPENSES – (Please see **VALUE CODES** on page 20.)

6. Which value code on page 20 represents the total farm sales last year (2015)?
 (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.) 1113 Value Code

7. Which value code on page 20 represents the net operating income for this operation last year (2015)? (cash income from all farm sources minus production costs and depreciation; if negative net operating income, please indicate with a **negative sign** before the value code) 1114

8. Which value code on page 20 represents the total off-farm income last year (2015)? (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 **negative sign** before the value code) 1115

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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)?
 1500 1 **Yes - Continue** 3 **No - Go to Section V** Head

2. What was the largest number of DAIRY COWS MILKED on this operation at any time in 2016 (regardless of ownership)? 1501

3. Did this operation produce milk in all 12 months of 2016?
 1502 1 **Yes - Go to item 5** 3 **No - Continue**

4. Did this operation enter or exit the dairy business during 2016?
 1504 1 **Yes - Go to Section V** 3 **No - Continue**

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

	2 Beginning of year January 1, 2016 (Head)	3 End of year December 31, 2016 (Head)
1 How many head of [item] were on hand —		
a. Milk cows (Include dry and milking cows.) 1517	1517	1518
b. Breeding bulls (mature) 1521	1521	1522

6. Was this operation transitioning into certified organic milk production in 2016?
 1516 1 **Yes** 3 **No**

7. Did this operation produce certified organic milk during 2016?
 1511 1 **Yes - Continue** 3 **No - Go to Section P**

8. How much was spent in 2016 for third party organic certification? (Include user fees charged by organic certifiers.) 1514 Dollars

\$.00

9. Of the following, what do you consider to be the most difficult aspect of producing **certified** organic milk? 1515 Code

Code Aspect

1 raising grains or forage

2 pasture management

3 finding grains or forage

4 finding feed supplements

5 finding replacement heifers

6 certification and compliance costs

7 certification paperwork requirements

8 maintaining animal health

9 higher cost of production

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SECTION P PURCHASES

1. For dairy animals in 2016, report the:

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] dairy cattle? (Dollars)			
a. Purchasing of milk cows	1592		1593	\$		.00
b. Purchasing of replacement heifers weighing 500 pounds or more (<i>Include springers.</i>)	1594		1595	\$		.00
c. Purchasing of breeding bulls weighing 500 pounds or more	1596		1597	\$		.00
d. Purchasing of replacement heifers weighing under 500 pounds	1598		1599	\$		.00
e. Purchasing of breeding bulls weighing under 500 pounds	1694		1695	\$		.00

		Head
2. How many dairy heifers born on this operation in 2016 were kept for breeding?	1603	
a. How many of these dairy replacement heifers were raised on this operation?	1627	
None		Dollars
b. How much was spent to have dairy replacement heifers raised on another operation?	1628	\$
		1984
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SECTION Q SALES & OTHER INCOME

1. For dairy animals in 2016, report the:

1 Dairy Cattle Type	2 How many [column 1] did this operation sell in 2016? (Head)		3 What was the total amount received for sales of [column 1] in 2016? (<i>Exclude marketing charges, etc.</i>) (Dollars)				4 What was the average weight per head of [column 1] sold in 2016? (Pounds Per Head)	
a. Sale of cull cows	1609		1610	\$		.00	1611	
b. Sale of all milk cows, including dry cows	1612		1613	\$		.00	1614	
c. Sale of replacement heifers weighing 500 pounds or more (<i>Include springers.</i>)	2502		2503	\$		.00	2504	
d. Sale of cull bulls	1618		1619	\$		.00	1620	
e. Sale of breeding bulls weighing 500 pounds or more	2505		2506	\$		.00	2507	
f. Sale of heifer, bull, and steer calves weighing under 500 pounds	2508		2509	\$		.00	2510	

		Dollars
2. In 2016, how much did this operation receive from renting space to other dairy operations?	1630	\$
		1985
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SECTION R DAIRY HOUSING

1. Please use the following codes to fill out the table below about dairy cattle housing used on this operation in 2016.

FRAME TYPE CODES	FLOOR TYPE CODES	MANURE HANDLING CODES	MANURE STORAGE SYSTEM
1 Wood	1 Concrete	1 Flush Gutter	1 Pit
2 Concrete/Masonry	2 Dirt	2 Scrape Gutter	2 Lagoon
3 Steel	3 Other	3 Manual	3 Slurry/Tank
4 Pole		4 Other	4 Dry Stack
5 Other			5 Other

Type of facility	1 How many of these facilities were used? (Number)	2 What is the Frame type of the largest facility? [Enter Frame Type Code] (Code)	3 What is the Floor type of the largest facility? [Enter Floor Type Code] (Code)	4 What is the Manure Handling System of the largest facility? [Enter Manure Handling Code] (Code)	5 What is the Manure Storage System of the largest facility? [Enter Manure Storage Code] (Code)	6 How many total head can all of these facilities house at one time? (Head)
Stanchion or Tie Stall Barns	3162	3163	3164	3165	3166	3167
Loafing or Loose Housing Barns	3168	3169	3170	3171	3172	3173
Freestall Barns	3174	3175	3176	3177	3178	3179
Dry lot corral Sun Shades	3180	3181	3182	3183	3184	3185
Calf Barns	3186	3187	3188	3189	3190	3191
Other Cow Housing Facilities	3192	3193	3194	3195	3196	3197

2. In what year was the **newest** dairy cattle housing facility built? 3198

Year

3. How many **Calf Hutches or Super Calf Hutches** did this operation use in 2016? 3199

Number

4. During 2016, did this operation:

- a. use artificial insemination, embryo transplants, or sexed semen? 2513 1 Yes 3 No
- b. use a computerized feed delivery system? 1639 1 Yes 3 No
- c. keep individual cow production records? 1640 1 Yes 3 No

5. 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.) 1589

Acres

1986	
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SECTION S MILKING FACILITIES & PRACTICES

1. Were any cows milked in **barn** facilities during 2016?

1681 1 **Yes - Continue** 3 **No - Go to Item 2**

a. What method was used to milk the cows in the **barn** facilities? 1682

1 = Around the Barn Pipeline
2 = Pail Unit/ Bucket Milkers
3 = Robotic

Code

Number

b. What was the total number of stalls in the **barn** facilities? 1683

--

c. What was the total number of milking units used in the **barn** facilities? 1684

--

2. Were any cows milked in a **milking parlor** during 2016?

1685 1 **Yes - Continue** 3 **No - Go to Item 3**

a. How many milking parlors were used? 1686

Number

b. What type of milking parlor used to milk the cows was the **largest**? 1687

1 = Herringbone 5 = Carousel
2 = Parallel 6 = Flat Barn
3 = Side Opening 7 = Swing
4 = Polygon 8 = Other

Code

c. What was the Frame type of the **largest** milking parlor? 1688

1 = Wood 3 = Steel
2 = Concrete/ Masonry 4 = Pole
5 = Other

Code

d. What was the Manure Handling System of the **largest** milking parlor? 1689

1 = Flush gutter
2 = Scrape gutter
3 = Manual
4 = Other

Code

e. What was the Manure Storage System of the **largest** milking parlor? 1690

1 = Pit
2 = Lagoon
3 = Slurry/tank
4 = Dry Stack

Code

f. What was the total number of stalls in **all** milking parlors? 1691

Number

g. What was the total number of milking units in **all** milking parlors? 1692

--

(i) Of the (Item 2g) milking units, how many were robotic? 2215

--

h. In what year was the **newest** milking parlor built? 1693

Year

3. During 2016, was the cow herd milked 3 or more times per day? 2514 1 **Yes** 3 **No**

4. During 2016, was the milking systems computerized to gather data about each milking? 1583 1 **Yes** 3 **No**

5. During 2016, was bST (Bovine Somatotropin) administered to the cow herd? 2515 1 **Yes** 3 **No**

6. What percent of the dairy cows milked on this operation in 2016 were the following breeds?

a. Holstein Friesian 1507

Percent

b. Jersey 1508

--

c. crossbred 1520

--

d. other breeds 1510

--

a + b + c + d = 100%

1987
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SECTION T DAIRY FEED & PASTURE

Please use the following codes to provide information about homegrown (Item 1) and purchased off-farm (Item 2) feed and feed ingredients purchased off-farm which were fed to dairy cattle in 2016.

FEED TYPE CODES <i>(Items 1 & 2, column 1)</i>	
1 Complete <i>commercial</i> feed and complete <i>custom</i> feed mixes	17 Alfalfa hay (include alfalfa hay mixtures)
2 High moisture corn (>20%)	18 Other hay (include wild hay)
3 Low moisture corn	19 Straw
4 Barley	20 Corn silage
5 High moisture sorghum/milo (>20%)	21 Sorghum/milo silage
6 Low moisture sorghum/milo	22 Other silage or haylage
7 Wheat	23 Alfalfa cubes or pellets
9 Oats	24 Green chop, all crops
10 Other feed grains	25 Corn stalks
11 Distillers or brewers grain	26 Milk or milk by-product
12 Other non protein by-product	27 Liquid whey
13 Cotton seed meal	28 Other feed additives
14 Protein supplements	29 Antibiotics or other medicated additives
15 Protein by-products	30 Milk replacer or calf starter
16 Vitamin or mineral supplements (include kelp)	

DAIRY FEED FACILITY TYPE CODES <i>(Item 1, column 4)</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 building/shed	
29 Closed building/shed	
30 Trench or bunker silo	
31 Slab	
32 Hay tarp	
33 Plastic bagging/wrapping	
34 No facility used	
35 Other, <i>specify:</i>	

1. In 2016, did this operation grow and harvest feed that it fed to dairy cattle?

2060 1 **Yes - Complete table** 3 **No - Go to Item 2**

1 What type of HOMEGROWN feed was fed to dairy cattle on this operation in 2016? <i>[Enter Feed Type Code.]</i>		2 What was the total amount of <i>[column 1]</i> fed to dairy cattle in 2016? Report the unit code for this amount in column 3.		3 Unit codes 1 POUNDS 2 CWT 3 TONS 4 BUSHEL 12 GALLONS		4 In what type of facility was the majority of this <i>[column 1]</i> feed stored in 2016? <i>[Enter Dairy Feed Facility Type Code.]</i>	
(Name)	(Code)	(Amount)	(Code)	(Code)	(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

2. Did you feed any dairy cattle on this operation during 2016 with feed that was purchased in 2016 or earlier?

²⁰⁰⁵ 1 **Yes - Complete table** 3 **No - Go to item 3**

1 What types of feed were PURCHASED and fed to dairy cattle on this operation in 2016? [Enter Feed Type Code from Page 26.]		2 What was the total amount of [column 1] fed to dairy cattle in 2016? Report the unit code for this amount in column 3.		3 Unit codes 1 POUNDS 2 CWT 3 TONS 4 BUSHELS 12 GALLONS (Code)		4 What was the total amount spent on all purchased feed fed to dairy cattle in 2016? [Include Operator and Contractor expenses.] (Dollars)		
(Name)	(Code)	(Amount)		(Code)				
	2006		2007		2008		2010	\$.00
	2012		2013		2014		2016	\$.00
	2018		2019		2020		2022	\$.00
	2024		2025		2026		2028	\$.00
	2030		2031		2032		2034	\$.00
	2036		2037		2038		2040	\$.00

3. In 2016, did this operation use pasture or cropland, such as corn stalks, to graze dairy cattle?

²¹⁰⁶ 1 **Yes - Complete table** 3 **No - Go to Item 7**

4. Report the type of pasture or cropland used to graze dairy cattle in 2016.

1 Type of Land	2 Of the [column 1] acres used to graze dairy cattle in 2016, how many acres did this operation own? (Acres)	3 Of the [column 1] acres used to graze dairy cattle in 2016, how many acres did this operation rent or lease? (Acres)	4 What was the total dollar amount spent to rent or lease these [column 3] acres? (Dollars)	5 Of the [column 1] acres used to graze dairy cattle in 2016, how many acres were irrigated? (Acres)
a. Native or permanent pasture	2107	2109	2110 \$.00	2108
b. Planted or improved pasture	2111	2113	2114 \$.00	2112
c. Small grains pasture	2115	2117	2118 \$.00	2116
d. Crop residue (example, corn stalks)	2119	2121	2122 \$.00	2120
e. Other grazed forages	2123	2125	2126 \$.00	2124

5. In 2016, how many months did this operation graze milk cows on pasture? 2528

Months

6. Which of the following codes includes the percent of total forage ration obtained from pasture during the grazing months by milk cows in 2016? 2130

Code	Percent
1	1 - 24%
2	25 - 49%
3	50 - 74%
4	75 - 100%

Code

7. Did this operation produce or obtain for free any bedding during 2016?

²¹³¹ 1 **Yes - Continue** 3 **No - Go to Section U**

a. What would be the total market value of this bedding if it was sold? 2525 \$.00

Dollars

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SECTION U DAIRY MANURE

1. Which of the following codes best describes 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

a. Was the manure produced in the milking area handled by a separate system in 2016? 2204 1 Yes 3 No

2. Which of the following codes best describes how often manure was removed from the dairy housing and holding facilities in 2016?

- | Code | Frequency |
|------|-----------|
| 1 | Daily |
| 2 | Weekly |
| 3 | Monthly |
| 4 | Yearly |
| 5 | Other |

Code

3. Was any system used to collect and dispose of the methane from the dairy manure storage facilities in 2016? ²⁵²⁶ 1 Yes - Continue 3 No - Go to Item 4

a. Was the collected methane used for electricity generation? 1710 1 Yes 3 No

b. Was the collected methane flared for disposal? 1675 1 Yes 3 No

4. Was dairy manure applied to fields on this operation in 2016? ⁰⁴¹⁸ 1 Yes - Continue 3 No - Go to Section V

a. On how many total acres of this operation was dairy manure applied in 2016? 2244

Acres

5. Was any commercial fertilizer applied to the same (item 4a) acres on this operation on which dairy manure was applied? ¹⁷⁰⁸ 1 Yes - Continue 3 No - Go to Section V

a. Were the commercial fertilizer application rates adjusted based on nutrients provided by the dairy manure? ¹⁷⁰⁹ 1 Yes 3 No

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SECTION V CONCLUSION

1. To receive the complete results of this survey on the release date, go to www.nass.usda.gov/results

Would you rather have a brief summary mailed to you at a later date? 9990 1 Yes 3 No

Thank You for Your Participation!

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

Reported By:

Telephone:

Date Completed (MM-DD-YY):

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Ending Time (Military)	OR	Time in Hours	
Hours	Minutes	Hours	Tenths
0005		0008	

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

Name