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ABSTRACT

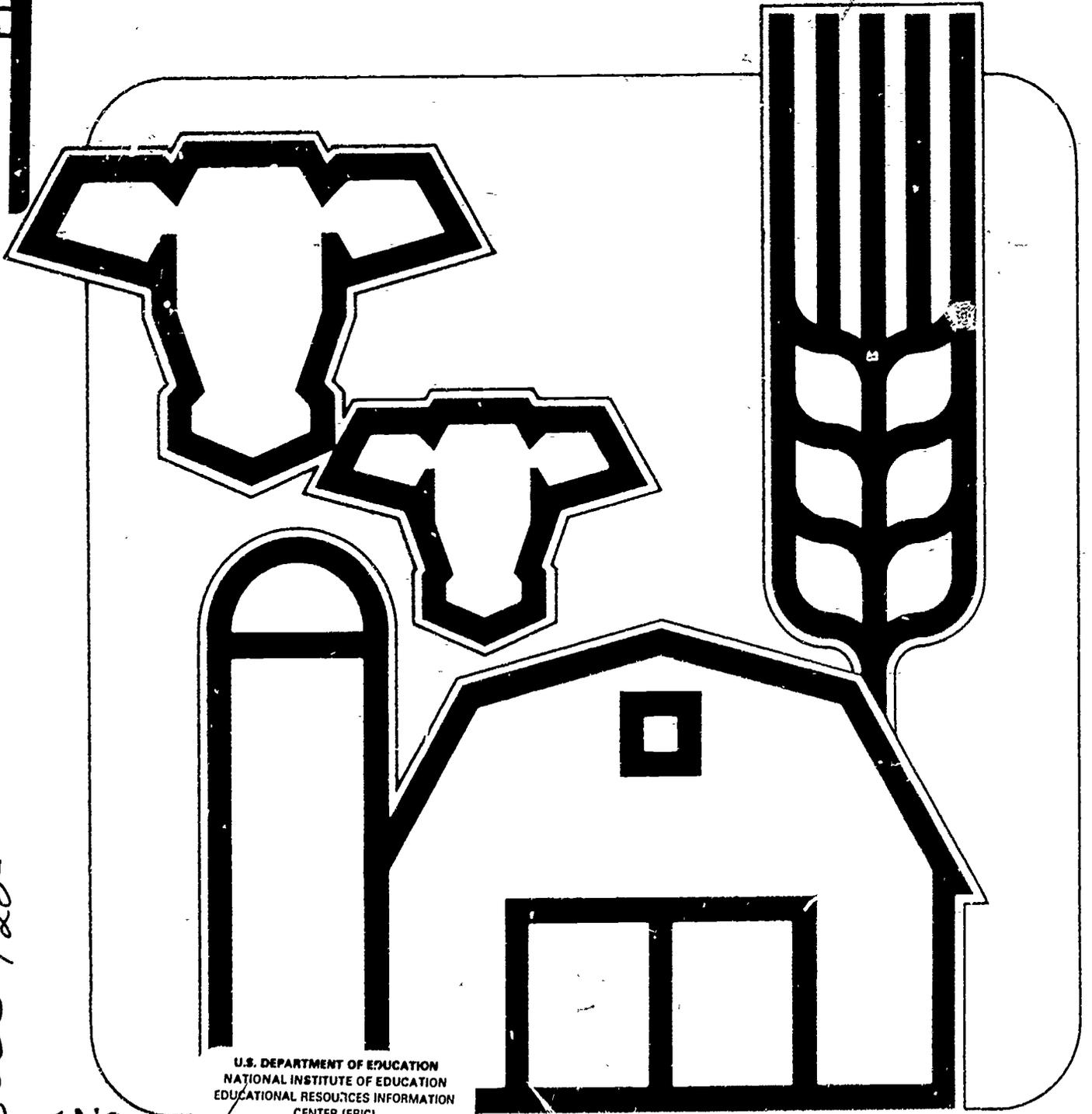
This lesson plan is designed for use by vocational agricultural instructors and students. Its primary purpose is to acquaint students with statistical data that will have an impact on their future work in agriculture. This lesson plan is divided into two parts. The first part covers background information on the agricultural census, its use, and the need for it. The census report form and accompanying instructions are provided to permit the instructor to lead the classes in filing a completed report. (The second part of the lesson plan covers census publications and their application and use by various sectors of the economy, including farm operators and farm suppliers. This will be sent to vocational agricultural instructors when the preliminary report is available for each particular state.) An address is provided for teachers to obtain additional census forms. (KC)

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AGRICULTURE CENSUS LESSON PLAN

1982 Census of Agriculture

FD222654



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PURPOSE OF THE LESSON PLAN

This Lesson Plan is designed for use by vocational agriculture instructors and students. The primary purpose is to acquaint students with statistical data which will have an impact on their future work in agriculture. The Census Bureau, as the "Factfinder" for the Nation, gathers statistical data from many sources so that the basic facts for planning and decisions can be at hand. It also provides the basic data for historical series used in all areas of agri-business and related fields. This lesson plan is divided into two parts. The first covers background information on the Agriculture Census, its use and need. The Census report form and accompanying instructions are provided to permit the instructor to lead the classes in filing a completed report.

The second part of the Lesson Plan will cover Census publications and their application and use by various sectors of the economy, including farm operators and farm suppliers. This will be sent to Vo Ag instructors when the Preliminary Report is available for your particular State.

A few of the questions which the 1982 Census of Agriculture will answer for farmers, ranchers, farm suppliers and all levels of government.

What will the 1982 Census of Agriculture show for each State and County?

Will farm numbers increase or decrease?

Will farms continue to get larger in average size?

Is land going out of agriculture?

Are the acreages of crops raised in 1982 similar to acreages raised in 1978?

Is crop and livestock production declining or increasing?

Are more farm operators living off the farm they operate?

Is the average age of farm operators declining?

Is irrigation increasing or decreasing in each county?

Are the number of tractors per farm increasing or decreasing?

Reference materials needed:

1. Agriculture Census Guide
2. Factfinder for the Nation
3. Sample Report Form
4. Information Sheet

I. Background Information - The Census of Agriculture

A. Agriculture Statistics and Related Information

Statistical data on the Nation's agriculture industry are the important base for program and policy development, land use decisions, market research, and other aspects of our economy. The census of agriculture is the foundation of our Nation's agriculture data because it is the only source of uniform and comprehensive data for each State and county. The agriculture census, typically conducted every five years provides data to establish historical trends and reveal changes occurring in the industry. Evaluation of these trends and changes provide private and public information to properly plan for the needs of farmers and ranchers.

Agriculture statistics play an important role in our everyday activities. For example, marketing facilities are built based on census data to help farmer market their products at less cost. Farm organizations such as the Farm Bureau, Grange, Farmers Union, and Farmers Organization use agriculture census data to analyze and develop their programs and policies. Researchers develop new technology using census data. It is important to continue collecting complete and accurate information on the agriculture industry, in order to serve the needs of farmers and ranchers.

B. What is the Census of Agriculture?

The census is a nationwide county-by-county measurement of our agricultural resources and agricultural production, taken typically every 5 years. The census is conducted by the Bureau of the Census, U.S. Department of Commerce.

The census provides:

- a. a count and classification by type of operation of farms and ranches
- b. an inventory of agricultural land and how it was used
- c. a record of the acreage of crops harvested and associated production
- d. a tally of livestock and poultry and their products on hand and sold
- e. a count and record of selected farm machinery and expenditures.
- f. information about characteristics of farm operators - their tenure, age, etc.

C. Why is the census taken?

1. The census is taken to bring U.S. agricultural facts up to date. It provides information which can be used as a point of reference for the Nation's largest industry.
2. The census is used by all major farm organizations to evaluate their programs and policies.
3. The census fulfills needs expressed by policy makers, researchers, marketing agents and other data users.
4. The census of agriculture is the only uniform source of county level data. Thus, the same data tabulations are available for each of the more than 3,000 counties in the United States.
5. The census is required by an act of Congress because of the importance of basic statistics to the Nation and the agricultural community.

D. Who benefits from the census?

1. The farmer and rancher.

- a. Major changes taking place in the industry should be understood by the farmer and rancher. How has agriculture changed in this county and State during the last five years? Will these trends continue, speed up, or slow down?
- b. Farmers and ranchers often see stories on agriculture facts published in newspapers and magazines. The source for such stories maybe data gathered and published by the Census. Census data many times are the starting points for surveys which update local, State, and National activities.

2. State Agricultural Colleges and County Extension Agents

These colleges and officials have many research and service programs dealing with farmers and ranchers.

- a) Census data are often used to identify areas of research and to measure the effectiveness of programs.
- b) Census data are used as a basis for program decisions meeting the needs of tomorrow's agriculture.

3. U.S. Department of Agriculture (USDA)

- a. Policy makers of the Department rely on census data for providing the basic facts for changes in policy and programs.
- b. USDA uses census data as a benchmark to adjust its estimates of current agriculture activity. This includes crop and livestock production, economic forecasts and program alternatives.
- c. Data are used to evaluate trends, the effectiveness of current farm programs, and as a basis of planning new programs which may affect not only farms but the Nation as a whole.

4. Local, State and Federal Governments

- a. Census data provide basic information for use by Congress, State and local governments for developing and changing agriculture programs, and for determining the effects of these programs upon farms by geographic area, size, and type of operation.
- b. A detailed picture of the social and economic characteristics of individual counties is necessary for an accurate assessment and competent planning of farm programs, rural development, and other agriculture related factors.

5. Agribusiness

- a. Competition between various agricultural services, farm suppliers, equipment manufacturers, and others results in better prices and services to the farmer and rancher. In areas showing a high concentration of specialized commodities, manufacturers of equipment and other farm supplies will move in to compete for the farmer's business. Price competition provides the farmer and rancher with alternative sources for products and services.
- b. A large number of businesses are engaged in purchasing, transporting, processing, storing, manufacturing, and selling farm products.
 - 1) These businesses use Census data to aid in planning their operations and to help them stay competitive.
 - 2) Agribusinesses use statistics to help locate production and distribution facilities to best serve producers.
 - 3) They use statistics to help guide development of product lines best suited to the market area.

E. How is the census taken?

1. The census of agriculture report form will be mailed nationwide to all identified farmers and ranchers in late December 1982 and early January 1983.
2. Each report form is to be returned by February 15, 1983 to:

Bureau of the Census
Agriculture Division
1201 E. Tenth Street
Jeffersonville, Indiana 47133

The Census Bureau will conduct a follow-up campaign to obtain the reports from those who do not respond to the initial request.

3. The report forms, shown in the following examples, and instructions are used for all states except Hawaii. Two sections of the report form are modified to fit local situations; these sections pertain to crops.

Regional Variation - The crops listed in Sections 2, 4, 6, 7, and 8 will vary by State or groups of States. The variation is primarily in Sections 2 and 7 and is done to list crops commonly produced in each region of the country.

Some sections of the report form may not apply to individual farms or ranches. For those sections, check the "NO" box and proceed to the next section as instructed on the form.

4. There are two versions of report forms.
 - a. Nonsample - This is the basic form that about four-fifths of the respondents will receive.
 - b. Sample - These report forms will be sent to approximately one-fifth of the total names on the Census mail list.
 - 1) The sample form is the same as the nonsample form except the sample form has seven additional sections, sections 22-28.
 - 2) The use of the sample form reduces overall respondent burden; yet it provides adequate estimates of these items.
5. Each person receiving a report form will also receive an extra copy which can be retained for file purposes. Census reports, even file copies, are protected by the Census laws and cannot be used for purposes other than providing statistical totals.

F. Who needs to fill out the agriculture census form?

1. All persons receiving a census report form, including landlords, tenants, partnerships, corporations, institutions and others should complete the first section.
2. Farm and ranch operators need to complete the form. If there were agricultural operations on the "Acres in This Place", the addressee is considered a farm or ranch operator and all applicable items throughout the form should be completed.
3. If in doubt as to whether a report should be filed, complete a form and include a note explaining the situation.
4. Anyone who produced and sold agricultural products valued at \$750 or more in 1982 and did not receive a report form should write to the -

Bureau of the Census
 Agriculture Division
 1201 E. Tenth Street
 Jeffersonville, Indiana 47133

A report form will then be sent to the individual for completion.

5. Response to the census is CONFIDENTIAL and required by law (title 13, United States Code). Reports may be seen ONLY by sworn Census employees and are used ONLY to tabulate totals for each county, State, and the Nation. Census report forms are even exempt from the Freedom of Information Act, therefore, no one may have access to the report form except the person who filed it.

The objectives of the agriculture census are to collect complete and accurate data and to disseminate the results of the census as soon as possible.

The following part is to be used with the Agriculture Census Guide. All page references used here are from the Guide. For general information, definition of terms, and how to mark answers, see pages 2-7 of the Guide.

Sections 2-8 - CROPS HARVESTED FROM THIS PLACE (pages 10-19)

(The example shown is one of 12 different Crop arrangements for Section 2. Such will vary by geographic areas of the U.S.)

1. These sections are for reporting information on all crops harvested from this place in 1982.

a. Record acres harvested and production in the unit requested. If another unit is used please indicate the unit in the margin.

b. For each crop irrigated, report the number of acres for the same crop only once regardless of the number of water applications.

c. If the land was hogged or grazed following harvest for grain or silage, the acreage should be reported only as having been harvested for grain or silage.

d. If two or more cuttings of the same crop were made from the same field, report the acreage only once in the column for acres harvested, but report total production harvested.

e. If two or more crops were harvested from the same land, report the acreage and production harvested for each in the appropriate section of the form.

SECTION 4 Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from this place in 1982? (Exclude those grown for home use.)

54 YES - Complete this section
 NO - Go to section 5

1. Land from which vegetables were harvested in 1982	Acres		Acres irrigated	
	Whole acres	Tenths	Whole acres	Tenths
375		110	376	110

2. From the list below, enter the crop name and code for each crop harvested in 1982. If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 5.

Crop name	Code	Acres harvested	Acres irrigated
Sweet corn	481	110	110
		110	110
		110	110

If more space is needed, use separate sheet of paper

Crop name	Code	Crop name	Code	Crop name	Code
Asparagus	379	Cucumbers and pickles	411	Peppers, sweet	443
Beans, snap (bush and pole)	381	Eggplant	415	Peppers, hot	445
Beets	383	Honeydew melons	423	Pumpkins	449
Broccoli	385	Lettuce and romaine	427	Radishes	451
Cabbage, head	391	Lima beans, green	429	Spinach	457
Cantaloups and muskmelons	395	Mustard greens	431	Squash	459
Carrots	387	Onions, dry	433	Tomatoes	483
Cauliflower	399	Onions, green	435	Turnips	485
Cherry	401	Okra	437	Turnip greens	487
Onions	407	Parsley	439	Watermelons	473
		Peas, green	441	Other vegetables - Specify	475

INSTRUCTIONS - Please report your crops in the appropriate section. Use section 7 to report ONLY those crops NOT listed in sections 2 through 6 and section 8. DO NOT INCLUDE crops grown on land rented to others.

SECTION 2 Were any of the FOLLOWING CROPS harvested from this place in 1982?

52	None	Acres harvested		Quantity harvested		Acres irrigated	
		Whole acres	Tenths	Unit	Quantity	Whole acres	Tenths
1. Corn (field) for grain or seed (Report quantity on a dry shelled weight basis).....	<input type="checkbox"/>	067		068	Bu	069	
2. Corn (field) for silage or green chop	<input type="checkbox"/>	070		071	Tons, green	072	
3. Soybeans for beans	<input type="checkbox"/>	088		089	Bu	090	
4. Beans, dry edible	<input type="checkbox"/>	554		555	Cwt	556	
5. Wheat for grain	<input type="checkbox"/>	073		074	Bu	075	
6. Oats for grain	<input type="checkbox"/>	076		077	Bu	078	
7. Barley for grain	<input type="checkbox"/>	079		080	Bu	081	
8. Rye for grain	<input type="checkbox"/>	886		887	Bu	888	
9. Sorghum for grain or seed (including milo)	<input type="checkbox"/>	082		083	Bu	084	
10. Sorghum for silage or green chop (exclude sorghum-sudan crosses)	<input type="checkbox"/>	085		086	Tons green	087	
11. Sugar beets for sugar	<input type="checkbox"/>	719		720	Tons	721	
12. Tobacco - all types	<input type="checkbox"/>	094	110	095	Lbs	096	110
13. Potatoes, Irish	<input type="checkbox"/>	097	110	098	Cwt	099	110

SECTION 3 Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from this place in 1982? Include sorghum-sudan crosses and hay cut from pastures.

53 YES - Complete this section NO - Go to section 4

If cuttings were made for both dry hay and grass silage, haying, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE, and GREEN CHOP

5. DRY HAY (If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.)	Acres harvested		Quantity harvested (Report either dry or green weight as indicated)		Acres irrigated	
	Whole acres	Tenths	Unit	Quantity	Whole acres	Tenths
a. Alfalfa and alfalfa mixtures for hay or dehydrating	103		104	Tons, dry	105	
b. Small grain hay - oats, wheat, barley, rye, etc.	106		107	Tons, dry	108	
c. Other tame dry hay, clover, lespedeza, timothy, bromegrass, Sudan grass, millet, etc.	109		110	Tons, dry	111	
d. Wild hay.....	112		113	Tons, dry	114	
6. GRASS SILAGE, HAYLAGE, AND GREEN CHOP (If two or more cuttings were made from the same acres, report acres only once, but report total tons from all cuttings.)	115		116	Tons, green	117	

3. HAY SOLD - Did you sell any hay or grass silage in 1982? (Report value of hay sold in section 9, item 4)..... Yes No

SECTION 5 Were any NURSERY and GREENHOUSE PRODUCTS, MUSHROOMS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, GROWN FOR SALE on this place in 1982?

55 YES - Complete this section
 NO - Go to section 6

1. Nursery and greenhouse products irrigated in 1982

2. From the list below, enter the product name and code for each product grown.

Product name	Code	Square feet under glass or other protection in 1982		Acres in the open in 1982		Sales in 1982	
		Whole	Tenths	Whole	Tenths	Dollars	Cents
				110			
				110			
				110			

If more space is needed, use separate sheet of paper

Product name	Code	Product name	Code
Bedding plants (include vegetable plants)	479	Mushrooms	494
Bulbs	482	Sod harvested	487
Cut flowers and cut florist greens	485	Vegetable and flower seeds	500
Nursery products - ornamentals, fruit and nut trees, and vines	488	Greenhouse vegetables	503
Foliage and flowering plants	491	Other Specify	508

f. If crops were grown under contract for a canner, processor, etc., the acres and all other information requested should be reported.

g. If crops are interplanted (two crops grown together or in alternate strips in the same field at the same time) or have "skip rows" (a space is left between rows for moisture conservation, soil conservation, tillage practices, etc.), report the portion of the field used by that crop.

2. If certain products were not grown on this place, some entire sections may be skipped by checking the "NO" box.

SECTION 5 Were any STRAWBERRIES or OTHER BERRIES harvested FOR SALE from this place in 1982? (Exclude those grown for home use.)

- 58
 1 YES - Complete this section
 2 NO - Go to section 7

From the list below, enter crop name and code. Report quantity harvested in unit specified with crop name.

Crop name	Code	Acres harvested		Quantity harvested	Acres irrigated	
		Whole acres	Tenths		Whole acres	Tenths
Strawberries	538		/10	Lbs		/10
			/10			/10
			/10			/10

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

Crop name	Code	Crop name	Code
Blackberries (pounds).....	508	Raspberries (pounds).....	533
Blueberries, tame (pounds).....	512	All other berries (pounds) - Specify.....	538

SECTION 7 Were any OTHER CROPS harvested from this place in 1982 - small grains, field seeds, popcorn, sunflowers, mint, or other crops not previously reported? (Report fruit in section 8.)

- 57
 1 YES - Complete this section
 2 NO - Go to section 8

For those crops not listed enter the crop name and code from the list below. Report quantity harvested in unit specified with crop name.

Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated
Alfalfa seed	542		Lbs	
Popcorn	662		Lbs, shelled	
Red clover seed	671		Lbs.	
Sorghum cut for dry forage or hay	688		Tons, dry	
Sunflower seed	734		Lbs.	

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

Crop name	Code	Crop name	Code
Bromegrass seed (pounds).....	586	Proso millet (bushels).....	665
Buckwheat (bushels).....	575	Redtop seed (pounds).....	674
Corn cut for dry fodder, hogged or grazed (report acres only).....	661	Sorghum hogged or grazed (report acres only).....	701
Emmer and spelt (bushels).....	699	Sweet clover seed (pounds).....	737
Fescue seed (pounds).....	602	Timothy seed (pounds).....	748
Grains, mixed (bushels).....	614	Triticale (bushels).....	748
Lespedeza seed (pounds).....	638	Vetch seed (pounds).....	755
Mint for oil (pounds of oil).....	644	Other crops (pounds) - Specify.....	752

SECTION 8 Was there a combined total of 20 or more FRUIT TREES, including GRAPEVINES and NUT TREES ON THIS PLACE in 1982?

- 55
 1 YES - Complete this section
 2 NO - Go to section 9

1. TOTAL ACRES in bearing and nonbearing fruit orchards, vineyards, and nut trees on this place. (Do not include abandoned acres.)

Total acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
123	/10	122	/10

2. For those crops not listed below, enter the name and code from the list at the right for other fruit and nut trees on this place in 1982. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.

Crop name	Code	NUMBER OF TREES OR VINES OF -		Acres in trees and vines of all ages		Quantity harvested	Unit of measure Mark one			
		Nonbearing age	Bearing age	Whole acres	Tenths		Lbs.	Tons	Boxes	Lbs. per box
Apples	123		124	123	/10	126		2	3	128
Peaches	226		228	227	/10	226		2	3	230
			1	2	/10	3		2	3	15
			1	2	/10	3		2	3	16
			1	2	/10	3		2	3	15
			1	2	/10	3		2	3	15

Crop name	Code
Apricots.....	129
Cherries.....	147
Grapes.....	177
Nectarines.....	201
Pears.....	231
Parsons.....	237
Plums and prunes.....	243
Pecans.....	328
Other fruit and nuts - Specify.....	368

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

Section 9 - GROSS VALUE OF CROPS SOLD
(pages 20-21)

1. This section is used to obtain a measure of agricultural activity of each county, State, region, and the U.S.
2. Best estimates should be given if exact numbers are not available.
3. Crops under Commodity Credit Corporation loans during 1982 are to be reported in Section 17. Do not report such crops as sold unless already taken over, redeemed, or forfeited.

Section 10 - LAND USE IN 1982
(pages 21-24)

This section inventories agricultural land and shows how it was used in 1982.

1. Each acre in this place is to be reported only once in this section, even if the land was used for more than one purpose in 1982.
2. If more than one crop was harvested from the same land in 1982 (doublecropping) or if two crops were grown together on the same land in 1982 (interplanted crops), report the acreage only once in this section.

Section 11 - IRRIGATED LAND (pages 24-25)

In this section, irrigated land is to be reported in acres by two classifications of land: 1) harvested land, and 2) all other land.

1. Preplant, partial, and supplemental irrigation are to be included.
2. Each acre is to be counted only once regardless of the number of times irrigated or harvested.

SECTION 9 - GROSS VALUE OF CROPS SOLD from this place in 1982, BEFORE taxes and expenses (Refer to the INFORMATION SHEET, Section 9.)

Report your best estimate of the value for each of the following groups of crops sold from this place in 1982. Include the value of the landowner's and/or contractor's share, estimating if necessary. Exclude value of Government CCC loans.

	Dollars	Cents
1. Grains, soybeans and other beans sold in 1982	None	
a. Corn for grain.....	\$ 774	
b. Wheat.....	\$ 775	
c. Soybeans.....	\$ 776	
d. Sorghum for grain.....	\$ 777	
e. Oats.....	\$ 778	
f. Other — barley, rye, dry edible beans, sunflower seed, popcorn, and proso millet, etc.....	\$ 779	
2. Cotton and cottonseed.....	\$ 780	
3. Tobacco.....	\$ 781	
4. Hay, silage, field seeds, and grass seeds.....	\$ 782	
5. Vegetables, sweet corn, and melons — Do not include Irish potatoes and sweet potatoes, report them in item 7 below.....	\$ 783	
6. Fruits, nuts, berries — apples, peaches, strawberries, etc.....	\$ 784	
7. Other crops — potatoes, mint for oil, sugar beets, etc. (Exclude nursery and greenhouse products) — Specify.....	\$ 785	

SECTION 10 - LAND USE IN 1982

NOTE: If the same land had more than one use in 1982, REPORT THAT LAND ONLY ONCE — in the use first listed below that applies. For example, cropland harvested and also pastured is to be reported only as "Cropland harvested."

	None	Number of acres
1. CROPLAND		787
a. Cropland harvested — Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse products.....	<input type="checkbox"/>	788
b. Cropland used only for pasture or grazing — Include rotation pasture and grazing land that could have been used for crops without additional improvements.....	<input type="checkbox"/>	789
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured.....	<input type="checkbox"/>	790
d. Cropland on which all crops failed (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 1a.).....	<input type="checkbox"/>	791
e. Cropland in cultivated summer fallow.....	<input type="checkbox"/>	792
f. Cropland idle.....	<input type="checkbox"/>	793
2. Woodland — Include all woodlots and timber tracts and cutover and deforested land with young timber growth. <ul style="list-style-type: none"> a. Woodland pastured..... <input type="checkbox"/> 794 b. Woodland not pastured..... <input type="checkbox"/> 795 		796
3. Other pastureland and rangeland — Include any pastureland other than cropland and woodland pasture.....	<input type="checkbox"/>	797
4. All other land — Land in house lots, ponds, roads, wasteland, etc. — Include any land not reported in items 1 through 3 above.....	<input type="checkbox"/>	798
5. TOTAL ACRES — Add the acres reported in items 1 through 4 (Should be the same as section 1, item 4, page 1.).....		799

SECTION 11 - Was any LAND in this place IRRIGATED at any time in 1982?

Irrigated land is all land watered by any artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.

S11 1 YES — Complete this section
2 NO — Go to section 12

	None	Number of acres irrigated
1. How many acres of harvested land were irrigated?..... <i>Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops reported in section 10, item 1a.</i>	<input type="checkbox"/>	800
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?.....	<input type="checkbox"/>	801
3. What percent of the irrigation water used on this place in 1982 was obtained —	None	Percent
a. From a well or wells located on this farm or another farm?.....	<input type="checkbox"/>	802 %
b. From an on-farm surface supply not controlled by a water supply organization (stream, drainage ditch, lake, pond, spring, or reservoir on or adjacent to this farm)?.....	<input type="checkbox"/>	803 %
c. From off-farm water suppliers (U.S. Reclamation projects; irrigation district; mutual, cooperative, or neighborhood ditches; or other irrigation organizations)?.....	<input type="checkbox"/>	804 %
d. TOTAL — Sum of a, b, and c should equal 100%.....		100%

FORM 82 A020212-12 82

Sections 12-16 - LIVESTOCK AND POULTRY
(pages 25-29)

All livestock, poultry, and their products should be reported in these sections.

1. All livestock and poultry on this place December 31, 1982 are to be reported, regardless of who owned them.
2. All livestock and poultry sold from this place in 1982 are to be reported.
 - a. Include livestock and poultry raised under contract or on a custom basis for others.
 - b. Do not include livestock or poultry which were:
 1. Owned and were on someone else's feedlot or farm in 1982.
 2. Bought and then resold within 30 days.
 3. Slaughtered for home use.

SECTION 14 Did you or anyone else have any SHEEP or LAMBS on this place in 1982?

S14 1 YES - Complete this section
2 NO - Go to section 15

None	INVENTORY Number on this place Dec. 31, 1982	NUMBER SOLO in 1982
	#24	#25
1. SHEEP and LAMBS of all ages <input type="checkbox"/>		
None	Number shorn in 1982	Pounds of wool shorn in 1982
	#27	#28
2. SHEEP and LAMBS SHORN <input type="checkbox"/>		
None	Gross value of sales	
	Dollars	Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1982?		\$ #33

SECTION 15 Did you or anyone else have any HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, or ANIMAL SPECIALTIES in 1982?

S15 1 YES - Complete this section 2 NO - Go to section 16

None	INVENTORY Number on this place Dec. 31, 1982	Total number sold in 1982	Gross value of sales																									
	#30	#31	Dollars	Cents																								
1. Horses and ponies of all ages <input type="checkbox"/>																												
None	#32	#40	#41																									
	#33	#46	#47																									
2. Colonies of bees <input type="checkbox"/>																												
3. Milk goats <input type="checkbox"/>																												
4. Other livestock or animal specialties in captivity (Enter name and code from "List A" below)																												
<table border="1"> <tr> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> </tr> <tr> <td>Angora goats</td> <td>#42</td> <td>Mink and their pelts</td> <td>#38</td> <td>Worms - Refer to information sheet</td> <td>#57</td> </tr> <tr> <td>Other goats</td> <td>#48</td> <td>Rabbits and their pelts</td> <td>#51</td> <td>All other livestock - Specify</td> <td>#80</td> </tr> <tr> <td>Mules, burros, and donkeys</td> <td>#33</td> <td>Chinchillas and their pelts</td> <td>#54</td> <td></td> <td></td> </tr> </table>					Name	Code	Name	Code	Name	Code	Angora goats	#42	Mink and their pelts	#38	Worms - Refer to information sheet	#57	Other goats	#48	Rabbits and their pelts	#51	All other livestock - Specify	#80	Mules, burros, and donkeys	#33	Chinchillas and their pelts	#54		
Name	Code	Name	Code	Name	Code																							
Angora goats	#42	Mink and their pelts	#38	Worms - Refer to information sheet	#57																							
Other goats	#48	Rabbits and their pelts	#51	All other livestock - Specify	#80																							
Mules, burros, and donkeys	#33	Chinchillas and their pelts	#54																									
5. Livestock or animal products (Enter name and code from "List B" below)																												
Total quantity sold in 1982		Gross value of sales																										
Pounds		Dollars Cents																										
Name Code		2 - OR - Gallons																										
<table border="1"> <tr> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> </tr> <tr> <td>Mohair sold</td> <td>#54</td> <td>Honey sold</td> <td>#68</td> </tr> <tr> <td>Goat milk sold</td> <td>#66</td> <td>Other livestock products - Specify</td> <td>#70</td> </tr> </table>					Name	Code	Name	Code	Mohair sold	#54	Honey sold	#68	Goat milk sold	#66	Other livestock products - Specify	#70												
Name	Code	Name	Code																									
Mohair sold	#54	Honey sold	#68																									
Goat milk sold	#66	Other livestock products - Specify	#70																									

SECTION 16 Did you or anyone else have any POULTRY such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1982? (Include poultry grown for others on a contract basis.)

S16 1 YES - Complete this section 2 NO - Go to section 17

None	INVENTORY Number on this place Dec. 31, 1982	Total number sold in 1982																		
	#92	#93																		
1. HENS and PULLETS of laying age <input type="checkbox"/>																				
2. Pullets for laying flock replacement																				
3. BROILERS, fryers, and other meat type chickens including capons and roasters <input type="checkbox"/>																				
4. TURKEYS																				
5. OTHER POULTRY raised in captivity - ducks, geese, pigeons or squab, pheasants, quail, etc. (Enter poultry name and code from the list below.)																				
<table border="1"> <tr> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> <th>Name</th> <th>Code</th> </tr> <tr> <td>Ducks</td> <td>#04</td> <td>Pigeons or squab</td> <td>#08</td> <td>Quail</td> <td>#12</td> </tr> <tr> <td>Geese</td> <td>#06</td> <td>Pheasants</td> <td>#10</td> <td>All other poultry - Specify</td> <td>#14</td> </tr> </table>			Name	Code	Name	Code	Name	Code	Ducks	#04	Pigeons or squab	#08	Quail	#12	Geese	#06	Pheasants	#10	All other poultry - Specify	#14
Name	Code	Name	Code	Name	Code															
Ducks	#04	Pigeons or squab	#08	Quail	#12															
Geese	#06	Pheasants	#10	All other poultry - Specify	#14															
6. POULTRY HATCHED on this place in 1982 and placed or sold - chickens, turkeys, ducks, etc. - Specify kind of poultry																				
7. Incubator egg capacity on December 31, 1982.																				
8. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1982?																				
Gross value of sales		Dollars Cents																		
None		#78																		

SECTION 12 Did you or anyone else have any CATTLE or CALVES on this place in 1982?

S12 1 YES - Complete this section
2 NO - Go to section 13

None	INVENTORY Number on this place Dec. 31, 1982	Total
	#03	
1. CATTLE AND CALVES of all ages (Total of a, b, c, and d below) <input type="checkbox"/>		
2. Calves weighing less than 500 pounds <input type="checkbox"/>		
3. Cattle, including calves weighing 500 pounds or more <input type="checkbox"/>		
4. Gross value of sales of DAIRY PRODUCTS from this place in 1982 - include milk, cream, butter, etc. <input type="checkbox"/>		
DAIRY PRODUCTS Gross value of sales		Dollars Cents
None		#14

SECTION 13 Did you or anyone else have any HOGS or PIGS on this place in 1982?

S13 1 YES - Complete this section
2 NO - Go to section 14

None	INVENTORY Number on this place Dec. 31, 1982	Total
	#15	
1. HOGS and PIGS of all ages (Total of a and b below) <input type="checkbox"/>		
2. LITTERS FARROWED		
a. December 1, 1981 and May 31, 1982 <input type="checkbox"/>		
b. June 1, 1982 and November 30, 1982 <input type="checkbox"/>		
3. HOGS and PIGS SOLD from this place in 1982 <input type="checkbox"/>		
Number sold in 1982		Gross value of sales
None		Dollars Cents
#20		#21
#22		#23
4. Of the hogs and pigs sold, how many were sold as FEEFER PIGS for further feeding? <input type="checkbox"/>		

Section 17 - GOVERNMENT CCC LOANS AND CUSTOMWORK (page 30)

1. Record Commodity Credit Corporation (CCC) loans for the 1982 crop.
2. This section includes all customwork and agricultural services provided by you for others for cash payment. Do not include exchange work.

Section 18 - DIRECT SALES (page 30)

1. This section measures the frequency and value of agricultural products sold directly to individuals for human consumption.

Section 19 - TYPE OF ORGANIZATION (pages 30-31)

1. This section identifies the type of organization that best describes how this place was operated in 1982.
 - a. Corporations are legal entities or artificial persons created under the laws of a State to carry on a business. This does not include cooperatives.
 - b. "Other" includes institutions, schools, grazing associations and other activities. Tracts operated by FFA or Vo-Ag classes should be recorded here.

Section 20 - CORPORATE STRUCTURE (page 31)

If you farm as a corporation, record your answers here.

Section 21 - CHARACTERISTICS AND OCCUPATION OF OPERATORS (page 32)

This section is used to record the operator's age, sex, race, national origin, residence and principal occupation. The data are important to understanding who are operating today's farms and ranches, and their degree of reliance on agriculture as their main source of income.

SECTION 17 517	
GOVERNMENT CCC LOANS	
1. Amount received in 1982 from Government CCC loans for — (Include regular and reserve loans, even if redeemed or forfeited)	None 799
a. Corn, sorghum, barley, and oats <input type="checkbox"/>	\$ 800
b. Wheat <input type="checkbox"/>	\$ 801
c. Cotton <input type="checkbox"/>	\$ 802
d. Soybeans, peanuts, rye, rice, tobacco, and honey <input type="checkbox"/>	\$ 819
MACHINE WORK, CUSTOMWORK, and OTHER AGRICULTURAL SERVICES	
2. Gross amount received from machine work, customwork, and other agricultural services PROVIDED FOR OTHERS in 1982 — planting, plowing, spraying, harvesting, etc. <input type="checkbox"/>	\$
Specify kind of work done _____	
SECTION 18 During 1982 did you SELL any crops, livestock, or livestock products DIRECTLY to individuals FOR HUMAN CONSUMPTION — roadside stands, farmers markets, pick your own, etc.?	
518	None 920
1 <input type="checkbox"/> YES — Complete this section	Dollars Cents
2 <input type="checkbox"/> NO — Go to section 19	\$
1. What was the gross value of these direct sales?	\$
Specify products sold — vegetables, eggs, etc. _____	
SECTION 19 TYPE OF ORGANIZATION 519	
Mark (X) the one item which best describes the type of organization for this place in 1982. Refer to the INFORMATION SHEET, Section 19.	
• FAMILY or INDIVIDUAL operation — (Exclude partnership and corporation).....	921 1 <input type="checkbox"/> Go to section 21
• PARTNERSHIP operation — Include family partnerships	2 <input type="checkbox"/> Go to section 20
• INCORPORATED UNDER STATE LAW	3 <input type="checkbox"/> Go to section 20
• OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc.	4 <input type="checkbox"/> Specify below then go to section 21
Specify _____	
SECTION 20 CORPORATE STRUCTURE (for incorporated operations only) 520 Refer to the INFORMATION SHEET, Section 20.	
1. Is this a family-held corporation?	922 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
2. Are there more than 10 stockholders?	3 <input type="checkbox"/> Yes 4 <input type="checkbox"/> No
SECTION 21 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) Refer to the INFORMATION SHEET, Section 21. 521	
1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place?	923 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her work time in 1982? For partnerships consider all members of the partnership together.....	928 1 <input type="checkbox"/> Farming 2 <input type="checkbox"/> Other or ranching
3. OFF FARM WORK — How many days did the operator (senior partner or person in charge) work at least 4 hours per day off this place in 1982? Include work at a nonfarm job, business, or on someone else's farm. (Exclude exchange farm work)	929 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1—49 days 3 <input type="checkbox"/> 50—99 days 4 <input type="checkbox"/> 100—149 days 5 <input type="checkbox"/> 150—199 days 6 <input type="checkbox"/> 200 days or more
4. In what year did the operator (or senior partner) begin to operate any part of this place?	080 _____ Year
5. AGE of operator (senior partner or person in charge)	925 _____ Years old
6. RACE of operator (senior partner or person in charge)	924 1 <input type="checkbox"/> White 2 <input type="checkbox"/> Negro or Black 3 <input type="checkbox"/> American Indian 4 <input type="checkbox"/> Asian or Pacific Islander 9 <input type="checkbox"/> Other — Specify _____
7. SEX of operator (senior partner or person in charge)	926 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female
8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)?	927 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No

Sections 22 and 23 - FERTILIZER, LIME, PESTICIDES, AND OTHER CHEMICALS (pages 33-34)

This section provides information about how commercial fertilizers, pesticides, and other chemicals are being used by farmers.

Do not include chemicals for treatment of brush or weeds in ditches, roadbanks, etc.

Section 24 - INTEREST EXPENSE (page 34)

Record interest paid in 1982 on all debts associated with this place. Include interest paid on real estate, chattel, machinery, livestock, feed, seed, fertilizer, etc. Also include charge account fees such as late payments, and interest on unpaid balances.

Section 25 - MACHINERY AND EQUIPMENT (pages 34-35)

1. This section is used to determine the quantity of selected equipment used for agricultural operations and the estimated current market value of all machinery and equipment on the place.
2. Old or abandoned equipment not used in 1981 or 1982 should not be reported.

SECTION 22 Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1982?

S22

1 YES - Complete this section
 2 NO - Go to section 23

None	Acres fertilized
	932
	933

1. Acres of cropland fertilized in 1982, other than cropland used only for pastures reported in section 10, item 1b ...

2. Acres of pastureland and rangeland fertilized in 1982 reported in section 10, items 1b and 3 ...

None	Dollars	Cents
	934	935

3. Expenditures for commercial fertilizer purchased - all forms, including rock phosphate and gypsum (exclude lime) Report cost of custom application in section 27, item 6 ...

4. LIME - tons of lime used and acres on which applied (Do not include land plaster or gypsum or lime for sanitation) ...

SECTION 23 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATOCIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1982?

S23

1 YES - Complete this section
 2 NO - Go to section 24

Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report acreage treated for each purpose.

None	Number of acres on which used
	936
	937
	938
	939
	940

1. Sprays, dusts, granules, fumigants, etc. (fungicide, herbicide, insecticide, nematocide) to control -

a. Insects on crops, including hay ...

b. Nematodes in crops ...

c. Diseases in crops and orchards (blights, smuts, rusts, etc.) ...

d. Weeds, grass, or brush in crops and pasture Include both pre emergence and post emergence ...

2. Chemicals for defoliation or for growth control of crops or thinning of fruit ...

None	Dollars	Cents
	939	940

3. Agricultural chemicals purchased - insecticides, herbicides, fungicides, other pesticides, etc Report cost of custom applications in section 27, item 6 ...

SECTION 24 Was there any INTEREST EXPENSE for the farm business in 1982? Refer to the INFORMATION SHEET, Section 24.

S24 941

1 YES - Complete this section
 2 NO - Go to section 25

Dollars	Cents
942	943

1. How much interest was paid on all debts for the farm business in 1982? ... \$

SECTION 25 MACHINERY AND EQUIPMENT on this place on December 31, 1982 (Include only equipment used for agricultural operations in 1981 or 1982.)

S25

• Value of ALL machinery and equipment on this place, December 31, 1982

	Estimated market value	
	Dollars	Cents
943	944	945

1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc. ...

• SELECTED machinery and equipment on this place, December 31, 1982. (Report only if used in 1981 or 1982.)

None	Total number on this place on December 31, 1982	Of the total, HOW MANY were manufactured in the last 5 years (1978-1982)? (Number)
	946	947
	948	949
	950	951
	952	953
	954	955
	956	957
	958	959
	960	961
	962	963

2. Automobiles ...

3. Motortrucks - include pickups ...

4. Wheel tractors other than garden tractors and motor tillers ...

5. Grain and bean combines, self-propelled only ...

6. Corn heads for combines ...

7. Cotton pickers and strippers ...

8. Mower conditioners ...

9. Pickup balers - include rectangle and round balers ...

10. Field forage harvesters, shear bar or flywheel type ...

Section 26 - EXPENDITURES FOR ENERGY
(pages 35-36)

Because of rising energy costs it is important to determine the amount of energy needed to produce our farm products.

Do not include personal automobile expenses, household expenses, or tractor or other farm equipment expenses when used for customwork on other farms.

Section 27 - SELECTED PRODUCTION EXPENSES
(pages 36-38)

These selected expenses are to be reported for the production of crops, livestock, and other agricultural products.

Do not include expenses related to non-farm activities or expenses connected with performing customwork for others.

Section 28 - VALUE OF LAND AND BUILDINGS
(page 38)

This section is for reporting the operator's estimated current market value of all land and buildings for the acres reported in Section 1.

Section 29 - PERSON COMPLETING THIS REPORT
(page 38)

1. Make a thorough review of the form to determine if information is complete.
2. Record name, date, and telephone number. You may be contacted if additional information is needed.

SECTION 26 EXPENDITURES FOR ENERGY and petroleum products for the farm business during 1982				
S26 Include expenditures paid by you and others for production of crops, livestock, and other agricultural products on this place in 1982.				
	None	Expenditures		Storage capacity on this place
		Dollars	Cents	None Capacity in gallons
1. Gasoline and gasohol for the farm business.....	<input type="checkbox"/>	\$		None \$88
2. Diesel fuel for the farm business.....	<input type="checkbox"/>	\$		None \$89
3. LP gas, butane, propane for the farm business (4.5 lbs. = 1 gallon).....	<input type="checkbox"/>	\$		None \$92
4. Fuel oil and kerosene for the farm business.....	<input type="checkbox"/>	\$		None \$95
5. Natural gas for the farm business.....	<input type="checkbox"/>	\$		None \$98
6. Motor oil and grease for the farm business.....	<input type="checkbox"/>	\$		None \$99
7. Electricity for the farm business.....	<input type="checkbox"/>	\$		None \$90
8. Other - coal, wood, coke, etc.	<input type="checkbox"/>	\$		None \$81

SECTION 27 SELECTED PRODUCTION EXPENSES paid by you and others for this place in 1982				
S27 Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1982. DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.				
	None	Selected expenditures		
		Dollars	Cents	
1. Livestock and poultry purchased - cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poult, started pullets, etc.	<input type="checkbox"/>	\$		None \$82
2. Total feed purchased for livestock and poultry - grain, hay, silage, mixed feeds, concentrates, etc.	<input type="checkbox"/>	\$		None \$83
a. Commercially mixed formula feeds purchased - complete, supplement, concentrates, premixes. (Exclude ingredients purchased separately, such as soybean meal, cottonseed meal, and urea)	<input type="checkbox"/>	Tons \$84	Tenths \$85	None \$87
3. Seed cost - for corn, other grains, soybeans, tobacco, cotton, etc. - Include plants and trees purchased	<input type="checkbox"/>	\$		None \$90
4. Hired farm or ranch labor (See Information Sheet)	<input type="checkbox"/>	\$		None \$91
a. Of the hired workers, including family workers, how many - (1) Worked 150 days or more?	<input type="checkbox"/>	\$		None \$92
(2) Worked less than 150 days?	<input type="checkbox"/>	\$		None \$93
5. Contract labor - Include expenditures primarily for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc.	<input type="checkbox"/>	\$		None \$94
6. Customwork, machine hire and rental of machinery and equipment - Include expenditures for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc. (Exclude cost of cotton ginning)	<input type="checkbox"/>	\$		None \$95

SECTION 28 ESTIMATED CURRENT MARKET VALUE OF LAND and BUILDINGS			
S28 Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and buildings for the acres reported in section 1, items 1, 2, and 3, page 1.			
	None	Estimated market value of land and buildings	
		Dollars	Cents
1. All land owned.....	<input type="checkbox"/>	\$	
2. All land rented or leased FROM OTHERS	<input type="checkbox"/>	\$	
3. All land rented or leased TO OTHERS.....	<input type="checkbox"/>	\$	

SECTION 29 PERSON COMPLETING THIS REPORT - Please print		
Name	Date	
Telephone	Area code	Number

III. Examples

Following are a few examples of common reporting problems.

- Farmer Brown owns 140 acres in Tift County, Georgia. He rents 30 acres to Tom Smith (Box 5, Anytown, Georgia 00000). Farmer Brown rents 80 acres from John Jones (RR2, Hometown, Georgia 00000). He had no Federal or State Grazing permits but had 10 acres set aside in the Federal Farm Program. Section 1 should be completed as follows:

It is especially important to establish the correct entry for "Acres in This Place" since the remainder of the report form applies to the "Acres in This Place."

In this example, the report should include all crop and livestock operations conducted on the 190 acres reported in item 4. Agricultural operations conducted on the 30 acres rented out should be reported by Tom Smith on his report.

SECTION 1		ACREAGE IN 1982	
<p>If the acres you operated in 1982 changed during the year, refer to the INFORMATION SHEET, Section 1:</p> <p>Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.</p>			
	None	Number of acres	
1. All land owned.....	<input type="checkbox"/>	043	140
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below.....	<input type="checkbox"/>	044	80
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below.....	<input type="checkbox"/>	045	30
4. ACRES IN THIS PLACE — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space.....		046	190
<p>For this census report these are the "ACRES IN THIS PLACE." If the entry is zero please refer to the INFORMATION SHEET, Section 1.</p>			
5. If you rented land FROM OTHERS (item 2) enter the following information for each landlord.			
Name of landlord	Mailing address (Include ZIP code)	Number of acres	
John Jones	RR2 Hometown, Ga 00000	80	
List additional landlords on a separate sheet of paper.			
6. If you rented land TO OTHERS (item 3), enter the following information for each renter.			
Name of renter	Mailing address (Include ZIP code)	Number of acres	
Tom Smith	Box 5 Anytown, Ga 00000	30	
List additional renters on a separate sheet of paper.			
a. Of the land you rented or leased to others, how many acres did you own?.....		None	053 30 Acres
7. During 1982, did you have any Federal or state grazing permits on a per-head basis; such as Forest Service, Taylor Grazing, Indian Reservations, etc.?		054	1 <input type="checkbox"/> Yes 2 <input checked="" type="checkbox"/> No
8. How many acres were diverted (or set aside) under Federal commodity acreage reduction programs in 1982?		None	055 10 Acres
9. LOCATION OF AGRICULTURAL ACTIVITY FOR THIS PLACE			
a. In what county was the largest value of your agricultural products raised or produced?.....	Principal county→	County name	State Number of acres
		Tift	Ga 190
b. If you also have agricultural operations in any other county(ies), enter the county name(s), etc.	Other counties		067
			058
			059

2. Crops Harvested in 1982:

Farmer Brown planted a 40 acre tract in cotton and soybeans in an alternate 8 row planting system, 8 rows of cotton, 8 rows of soybeans. The soybeans from this tract yielded 40 bushels to the acre while the cotton yield for the tract was 35 bales. He received \$9,500 from the gin for the lint and seed. A 20 acre field of wheat was harvested with a production of 800 bushels. The wheat was placed under CCC loan at \$3.55 per bushel. In addition, immediately after wheat harvest the field was double cropped with soybeans for beans. This field yielded 35 bushels to the acre. All soybeans were sold at \$7.00 per bushel. A 40 acre field of corn for grain yielded 90 bushels per acre. This will be stored for feeding his hogs. A 10 acre field of hay was cut and baled. He sold 45 tons of hay at \$90.00 per ton.

Section 2, 3, 9, and 17 should be completed as follows.

INSTRUCTIONS — Please report your crops in the appropriate section. Use section 7 to report ONLY those crops NOT listed in sections 2 through 6 and section 8. DO NOT INCLUDE crops grown on land rented to others.

SECTION 2 Were any of the FOLLOWING CROPS harvested from this place in 1982?

S2	None	Acres harvested	Quantity harvested	Acres irrigated
1. Cotton	<input type="checkbox"/>	091 20	092 35 Bales	093
2. Wheat for grain	<input type="checkbox"/>	073 20	074 800 Bu.	075
3. Oats for grain	<input checked="" type="checkbox"/>	076	077 Bu.	078
4. Corn (field) for grain or seed (Report quantity on a dry shelled weight basis)	<input type="checkbox"/>	067 40	068 3600 Bu. OR Lbs.	069
5. Corn (field) for silage or green chop	<input checked="" type="checkbox"/>	070	071 Tons, green	072
6. Sorghum for grain or seed	<input checked="" type="checkbox"/>	082	083 Cwt. OR Lbs.	084
7. Sorghum for silage or green chop (Exclude sorghum sudan crosses)	<input checked="" type="checkbox"/>	085	086 Tons, green	087
8. Rice	<input checked="" type="checkbox"/>	077	078 Cwt. OR Barrels	079
9. Peanuts for nuts	<input checked="" type="checkbox"/>	056	057 Lbs.	058
10. Soybeans for beans	<input type="checkbox"/>	088 40	089 1500 Bu.	090

SECTION 3 Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from this place in 1982? Include sorghum-sudan crosses and hay cut from pastures.

1 YES — Complete this section 2 NO — Go to section 4

If cuttings were made for both dry hay and grass silage, haying, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE and GREEN CHOP

1	Acres harvested	Quantity harvested (Report either dry or green weight as indicated)	Acres irrigated
a. Alfalfa and alfalfa mixtures for hay or dehydrating	103	104 Tons, dry	105
b. Small grain hay — oats, wheat, barley, rye, etc.	106	107 Tons, dry	108
c. Other tame dry hay, clover, timothy, Bermuda grass, Sudan grass, Johnsongrass, etc.	109 10	110 45 Tons, dry	111
d. Wild hay	112	113 Tons, dry	114
2. GRASS SILAGE, HAYLAGE, AND GREEN CHOP (hay crops cut and fed green) If two or more cuttings were made from the same acres, report acres only once, but report total tons from all cuttings	115	116 Tons, green	117
3. HAY SOLD — Did you sell any hay or grass silage in 1982? (Report value of hay sold in section 9, item 4)	118	119	120

1 Yes 2 No

SECTION 9 GROSS VALUE of CROPS SOLO from this place in 1982, BEFORE taxes and expenses (Refer to the INFORMATION SHEET, Section 9.)

Report your best estimate of the value for each of the following groups of crops sold from this place in 1982. Include the value of the landlord's and/or contractor's share, estimating if necessary. Exclude value of Government CCC loans

	None	Dollars	Cents
1. Grains, soybeans and other beans sold in 1982	<input type="checkbox"/>	774	
a. Corn for grain	<input checked="" type="checkbox"/>	\$	
b. Wheat	<input checked="" type="checkbox"/>	\$	
c. Soybeans	<input type="checkbox"/>	\$	10500
d. Sorghum for grain	<input checked="" type="checkbox"/>	\$	
e. Oats	<input checked="" type="checkbox"/>	\$	
f. Other — barley, rye, dry edible beans, sunflower seed, popcorn, and proso millet, etc.	<input checked="" type="checkbox"/>	\$	
2. Cotton and cottonseed	<input type="checkbox"/>	\$	9500
3. Tobacco	<input checked="" type="checkbox"/>	\$	
4. Hay, silage, field seeds, and grass seeds	<input type="checkbox"/>	\$	4050
5. Vegetables, sweet corn, and melons — Do not include fresh potatoes and sweet potatoes, report them in item 7 below	<input checked="" type="checkbox"/>	\$	
6. Fruits, nuts, berries — apples, peaches, strawberries, etc.	<input checked="" type="checkbox"/>	\$	
7. Other crops — potatoes, mint for oil, sugar beets, etc. (Exclude nursery and greenhouse products)	<input checked="" type="checkbox"/>	\$	

Specify _____

SECTION 17 517

GOVERNMENT CCC LOANS

	None	Dollars	Cents
1. Amount received in 1982 from Government CCC loans for (Include regular and reserve loans, even if redeemed or forfeited)	<input type="checkbox"/>	799	
a. Corn, sorghum, barley, and oats	<input checked="" type="checkbox"/>	\$	
b. Wheat	<input type="checkbox"/>	\$	2840
c. Cotton	<input checked="" type="checkbox"/>	\$	
d. Soybeans, peanuts, rye, rice, tobacco, and honey	<input checked="" type="checkbox"/>	\$	
MACHINE WORK, CUSTOMWORK, AND OTHER AGRICULTURAL SERVICES			
2. Gross amount received from machine work, customwork, and other agricultural services PROVIDED FOR OTHERS in 1982 — planting, plowing, spraying, harvesting, etc.	<input checked="" type="checkbox"/>	919	

Specify kind of work done _____

3. This farmer in 1982 harvested 20 acres of wheat, 20 acres of cotton, 40 acres of soybeans (20 ac. double cropped) 40 acres of corn for grain and 10 acres of hay for a total of 110 acres. To comply with the CCC program she had 10 acres diverted (idle). Her sows had access to 30 acres of woodland but not to another 20 acre wood tract. Hog lots, house, barns, sheds, roads take up another 20 acres for a grand total of 190 acres. This is the same as reported in Section 1, item 4, Acres in Place.

LAND USE IN 1982		None	Number of acres
NOTE: If the same land had more than one use in 1982, REPORT THAT LAND ONLY ONCE — in the use first listed below that applies. For example, cropland harvested and also pastured is to be reported only as "Cropland harvested."			
510			
1. CROPLAND			
a. Cropland harvested — include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse products	<input type="checkbox"/>	787	110
b. Cropland used only for pasture or grazing — include rotation pasture and grazing land that could have been used for crops without additional improvements	<input checked="" type="checkbox"/>	788	
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	<input checked="" type="checkbox"/>	789	
d. Cropland on which all crops failed (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 1a.)	<input checked="" type="checkbox"/>	790	
e. Cropland in cultivated summer fallow	<input checked="" type="checkbox"/>	791	
f. Cropland idle	<input type="checkbox"/>	792	10
2. Woodland — include all woodlots and timber tracts and "outover and deforested land with young timber growth."			
a. Woodland pastured	<input type="checkbox"/>	794	30
b. Woodland not pastured	<input type="checkbox"/>	795	20
3. Other pastureland and rangeland — include any pastureland other than cropland and woodland pasture			
	<input checked="" type="checkbox"/>	798	
4. All other land — Land in house lots, ponds, roads, wasteland, etc. — include any land not reported in items 1 through 3 above			
	<input type="checkbox"/>	797	20
5. TOTAL ACRES — Add the acres reported in items 1 through 4 (Should be the same as section 1, item 4, page 1.)			799
			190

4. Farmer Brown has a feeder pig operation. On December 31, 1982 he had 100 sows and gilts and 4 boars. He also had some other hogs and pigs. He had a total of 169 hogs and pigs of all ages on his place. Ninety litters were farrowed between December 1, 1981 and May 31, 1982. From these litters 810 feeder pigs were sold. Ninety-five litters were farrowed between June 1, 1982 and November 30, 1982. From these litters 855 feeder pigs were sold. He sold all feeder pigs for \$40 each. Also 25 other hogs were sold for \$1,400 during the year. Section 13 should be completed as follows:

SECTION 13 Did you or anyone else have any HOGS or PIGS on this place in 1982?	
513	
1 <input type="checkbox"/> YES — Complete this section	
2 <input type="checkbox"/> NO — Go to section 14	
• DECEMBER 31, 1982 INVENTORY	
1. HOGS and PIGS of all ages (Total of a and b below)	None <input type="checkbox"/> 815
a. HOGS and PIGS used or to be used for BREEDING	816 <input type="checkbox"/>
b. OTHER HOGS and PIGS	817 <input type="checkbox"/>
• LITTERS FARROWED	
2. LITTERS FARROWED on this place between —	None <input type="checkbox"/> Number of litters
a. December 1, 1981 and May 31, 1982	818 <input type="checkbox"/> 90
b. June 1, 1982 and November 30, 1982	819 <input type="checkbox"/> 95
• HOGS AND PIGS SOLD	
3. HOGS and PIGS SOLD from this place in 1982	None <input type="checkbox"/> Number sold in 1982 <input type="checkbox"/> 820
	821 <input type="checkbox"/> Gross value of sales Dollars <input type="checkbox"/> Cents
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding? ..	822 <input type="checkbox"/> 1690 <input type="checkbox"/> 68000
	823 <input type="checkbox"/> 1665 <input type="checkbox"/> 66600



Section 25 - MACHINERY AND EQUIPMENT

Farmer Brown has a 1980 Chevrolet pickup and a 1979 Dodge car. In 1980 he bought a new medium sized diesel tractor. He also has a 1977 gas-line tractor. His combine was purchased new in 1978 with a corn head attachment. He does most of his own shop and repair work and has a well equipped farm shop. The value of his shop equipment is reflected in the value reported in item 1. His feeder pig operation also is fairly new to his farm with new farrowing crates, automatic waterers, feeders and cleaners. These too, should be reported in item 1. A hay baler and cotton picker were purchased 4 years ago. Both were secondhand when purchased.

MACHINERY AND EQUIPMENT on this place on December 31, 1982
(Include only equipment used for agricultural operations in 1981 or 1982.)

525

• Value of ALL machinery and equipment on this place, December 31, 1982

1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? (Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, mowers, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.)

Estimated market value	
Dollars	Cents
\$280000	

• SELECTED machinery and equipment on this place, December 31, 1982.
(Report only if used in 1981 or 1982.)

	None	Total number on this place on December 31, 1982		Of the total, HOW MANY were manufactured in the last 5 years (1978 - 1982)? (Number)	
		944	945	946	947
2. Automobiles	<input type="checkbox"/>	/	/	/	/
3. Motortrucks - Include pickups	<input type="checkbox"/>	/	/	/	/
4. Wheel tractors other than garden tractors and motor tillers	<input type="checkbox"/>	2	1		
5. Grain and bean combines, self-propelled only	<input type="checkbox"/>	/	/		
6. Corn heads for combines	<input type="checkbox"/>	/	/		
7. Cotton pickers and strippers	<input type="checkbox"/>	/			
8. Mower conditioners	<input checked="" type="checkbox"/>				
9. Pickup balers - Include rectangle and round balers	<input type="checkbox"/>	1			
10. Field forage harvesters, shear bar or flywheel type	<input checked="" type="checkbox"/>				

FORM 82 AO202 (2-12-82)

Section 26 - EXPENDITURES FOR ENERGY

This farmer recorded all of his energy expenses for the year. L.P. gas used on this place was used in heating his hog house.

EXPENDITURES FOR ENERGY and petroleum products for the farm business during 1982

526

Include expenditures paid by you and others for production of crops, livestock, and other agricultural products on this place in 1982.

	None	Expenditures		Storage capacity on this place	
		Dollars	Cents	None	Capacity in gallons
1. Gasoline and alcohol for the farm business.....	<input type="checkbox"/>	\$1600		<input type="checkbox"/>	250
2. Diesel fuel for the farm business.....	<input type="checkbox"/>	\$2300		<input type="checkbox"/>	500
3. LP gas, butane, propane for the farm business (4.5 lbs. = 1 gallon).....	<input type="checkbox"/>	\$500		<input type="checkbox"/>	500
4. Fuel oil and kerosene for the farm business.....	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	
5. Natural gas for the farm business.....	<input checked="" type="checkbox"/>				
6. Motor oil and grease for the farm business.....	<input type="checkbox"/>	\$180			
7. Electricity for the farm business.....	<input type="checkbox"/>	\$560			
8. Other - coal, wood, coke, etc.	<input checked="" type="checkbox"/>				



A TIMETABLE FOR A CENSUS OF AGRICULTURE

To the casual observer a Census of the Nation's agriculture should be accomplished in a short period of time. Actually, planning for the next census begins well before the present census is compiled. Planning for the 1982 Census of Agriculture began in late 1979 when the first ideas of census content were gathered and discussed. This process continues for at least two years as farm organizations, agriculture data users and others at all levels of government are asked to respond to what the census should and should not cover. To allow for adequate planning in other phases of census activity the final version of the report form must be completed about a year ahead of the mail date.

Key agenda items for a census consists of the following. All are important and many must dovetail with each other to accomplish the goal:

Determine census content

Develop material requirements

Develop the Census mail list - gather names and addresses from sources other than census

Conduct a test of purposed report form

Conduct a survey to determine the content of the mail list on hand. Determine who are and who are not farm operators

Develop publicity material

Design publication tables

Develop computer and program specifications

Prepare report forms

Mail report forms (over 4 million forms are mailed)

Receive and record returned forms

Follow-up campaign - contacting those who have not responded by specified dates

Tabulate and process data

Publish data - October 1983 through December 1984

IV. The Data

The Bureau of the Census publishes 2 key series of data reports.

The first, Preliminary Reports, covers major items contained in the census. Such reports are usually available about a year after the mailing of the census forms. The second, Volume 1 reports, displays all the data gathered in the census within the limits of confidentiality laws.

The data contained in the Census of Agriculture are a detailed source of published information about the Nation's agriculture.

A. The data are published in three kinds of reports.

1. A report for the entire Nation
2. A report for each State
3. A report for each county

- a. The county reports contain the most complete and accurate tabulation of agriculture facts available at the county level. As a result, the information contained in these reports can be used by widely diversified groups of people, from farmers themselves to agribusiness, to members of local, State and Federal governments.
- b. Information can be used in an almost endless variety of ways, from aiding a farmer in the construction of an agricultural self-profile with respect to the rest of the farmer's county, to being instrumental in the establishment of market potentials for agriculture-related business, to influencing government decisions concerning farm and farm-related legislation.

CONCLUDING REMARKS

1. As mentioned before, all information is confidential and will be used only for statistical purposes.
2. A prompt response helps keep costs down.
3. Full cooperation and accurate responses are important for a useful census.
4. Additional forms may be obtained by writing:

Bureau of the Census
Agriculture Division
1201 E. Tenth Street
Jeffersonville, Indiana 47133

5. Suggestions concerning the next census are welcome.