

APPENDIX

EXTRACT FROM THE CENSUS ACT
INSTRUCTIONS TO ENUMERATORS FOR THE CENSUS OF AGRICULTURE, 1930
FARM SCHEDULES, CENSUSES OF 1930, 1925, AND 1920

INSTRUCTIONS TO ENUMERATORS, CENSUS OF AGRICULTURE, 1930

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EXTRACTS FROM THE CENSUS ACT APPROVED
JUNE 18, 1929

SEC. 5. * * * that each enumerator or other employee detailed to serve as enumerator shall be charged with the collection in his subdivision of the facts and statistics called for on the population and agricultural schedules, and such other schedules as the Director of the Census may determine shall be used by him in connection with the census. It shall be the duty of each enumerator to visit personally each dwelling house in his subdivision, and each family therein, and each individual living out of a family in any place of abode, and by inquiry made of the head of each family, or of the member thereof deemed most competent and trustworthy, or of such individual living out of a family, to obtain each and every item of information and all particulars required for the census; and in case no person shall be found at the usual place of abode of such family, or individual living out of a family, competent to answer the inquiries, then it shall be lawful for the census employee to obtain the required information as nearly as may be practicable from the family or families or person or persons living nearest to such place of abode who may be competent to answer such inquiries.

SEC. 6. That the census of the population and of agriculture required by section 1 of this act shall be taken as of the 1st day of April, and it shall be the duty of each enumerator to commence the enumeration of his district on the day following unless the Director of the Census in his discretion shall change the date of commencement of the enumeration in said district by reason of climatic or other conditions which would materially interfere with the proper conduct of the work; but in any event it shall be the duty of each enumerator to prepare the returns hereinbefore required to be made and to forward the same to the supervisor of his district within thirty days from the commencement of the enumeration of his district: *Provided*, that in any city having two thousand five hundred inhabitants or more under the preceding census the enumeration of the population shall be completed within two weeks from the commencement thereof.

SEC. 7. That if any person shall receive or secure to himself any fee, reward, or compensation as a consideration for the appointment or employment of any person as supervisor, enumerator, or clerk, or other employee, or shall in any way receive or secure to himself any part of the compensation paid to any supervisor, enumerator, clerk, or other employee, he shall be deemed guilty of a felony, and upon conviction thereof shall be fined not more than \$3,000 or be imprisoned not more than five years, or both.

SEC. 8. That any supervisor, supervisor's clerk, enumerator, interpreter, special agent, or other employee who, having taken and subscribed the oath of office, shall, without justifiable cause, neglect or refuse to perform the duties enjoined on him by this act shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined not exceeding \$500; or if he shall, without the authority of the Director of the Census, publish or communicate any information coming into his possession by reason of his employment under the provision of this act, or the act to provide for a permanent Census Office or acts amendatory thereof or supplemental thereto, he shall be guilty of a felony and upon conviction thereof shall be fined not to exceed \$1,000 or be imprisoned not to exceed two years, or both so fined and imprisoned in the discretion of the court; or if he shall willfully and knowingly swear or affirm falsely as to the truth of any statement required to be made or subscribed by him under oath by or under authority of this act or of the act to provide for a permanent Census Office or acts amendatory thereof, or supplemental thereto, he shall be deemed guilty of perjury, and upon conviction thereof shall be fined not exceeding \$2,000 or imprisoned not exceeding five years, or both; or if he shall willfully and knowingly make a false certificate or a fictitious return he shall be guilty of a felony, and upon conviction of either of the last-named offenses he shall be fined not exceeding \$2,000 or be imprisoned not exceeding five years, or both; or if any person who is or has been an enumerator shall knowingly or willfully furnish or cause to be furnished, directly or indirectly, to the Director of the Census or to any supervisor or other employee of the census any false statement or false information with reference to any inquiry for which he was authorized and required to collect information, he shall be guilty of a felony, and upon conviction thereof shall be fined not exceeding \$2,000 or be imprisoned not exceeding five years, or both.

SEC. 9. That it shall be the duty of all persons over eighteen years of age when requested by the Director of the Census or by any supervisor, enumerator, or special agent, or other employee of the Census Office, acting under the instructions of the said director, to answer correctly, to the best of their knowledge, all questions on the census schedules applying to themselves and to the families to which they belong or are related, and to the farm or farms of which they or their families are the occupants;

and any person over eighteen years of age who, under the conditions hereinbefore stated, shall refuse or willfully neglect to answer any of these questions, shall be guilty of a misdemeanor, and upon conviction thereof shall be fined not exceeding \$100 or be imprisoned not exceeding sixty days, or both, and any such person who shall willfully give answers that are false shall be fined not exceeding \$500 or be imprisoned not exceeding one year, or both.

And it is hereby made unlawful for any individual, committee, or other organization of any kind whatsoever, to offer or render to any supervisor, supervisor's clerk, enumerator, interpreter, special agent, or other officer or employee of the Census Office engaged in making an enumeration of population, either directly or indirectly, any suggestion, advice, or assistance of any kind, with the intent or purpose of causing an inaccurate enumeration of population to be made, either as to the number of persons resident in any district or community, or in any other respect; and any individual, or any officer or member of any committee or other organization of any kind whatsoever, who directly or indirectly offers or renders any such suggestion, advice, information, or assistance, with such unlawful intent or purpose, shall be guilty of a misdemeanor, and upon conviction thereof shall be fined not exceeding \$1,000, or be imprisoned for not exceeding one year, or both.

And it shall be the duty of every owner, proprietor, manager, superintendent, or agent of a hotel, apartment house, boarding or lodging house, tenement, or other building, when requested by the Director of the Census, or by any supervisor, enumerator, special agent, or other employee of the Census Office, acting under the instructions of the said director, to furnish the names of the occupants of said hotel, apartment house, boarding or lodging house, tenement, or other building, and to give thereto free ingress and egress therefrom to any duly accredited representative of the Census Office, so as to permit the collection of statistics for census purposes, including the proper and correct enumeration of all persons having their usual place of abode in said hotel, apartment house, boarding or lodging house, tenement, or other building; and any owner, proprietor, manager, superintendent, or agent of a hotel, apartment house, boarding or lodging house, tenement, or other building who shall refuse or willfully neglect to give such information or assistance under the conditions hereinbefore stated shall be guilty of a misdemeanor, and upon conviction thereof shall be fined not exceeding \$500.

SEC. 10. That it shall be the duty of every owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature, whatsoever, to answer completely and correctly to the best of his knowledge all questions relating to his respective company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census schedule prepared by the Director of the Census under the authority of this act, or of the act to provide for a permanent Census Office, approved March 6, 1902, or of acts amendatory thereof or supplemental thereto; and any person violating the provisions of this section by refusing or willfully neglecting to answer any of said questions, shall be guilty of a misdemeanor, and upon conviction thereof shall be fined not exceeding \$500, or imprisoned for a period not exceeding sixty days, or both so fined and imprisoned, and any person violating the provisions of this section by willfully giving answers that are false shall be fined not exceeding \$10,000 or imprisoned for a period not exceeding one year, or both.

SEC. 11. That the information furnished under the provisions of this act shall be used only for the statistical purposes for which it is supplied. No publication shall be made by the Census Office whereby the data furnished by any particular establishment or individual can be identified, nor shall the Director of the Census permit anyone other than the sworn employees of the Census Office to examine the individual reports.

SEC. 12. That all fines and penalties imposed by this act may be enforced by indictment or information in any court of competent jurisdiction.

* * * * *
SEC. 14. That all mail matter, of whatever class or weight, relating to the census and addressed to the Census Office, or to any official thereof, and indorsed "Official business, Census Office," shall be transmitted free of postage, and by registered mail if necessary, and so marked: *Provided*, That if any person shall make use of such indorsement to avoid the payment of postage or registry fee on his or her private letter, package, or other matter in the mail, the person so offending shall be guilty of a misdemeanor and subject to a fine of \$300, to be prosecuted in any court of competent jurisdiction.
* * * * *

INSTRUCTIONS TO ENUMERATORS FOR THE CENSUS OF AGRICULTURE, 1930, AND FARM SCHEDULES FOR THE CENSUSES OF 1930, 1925, AND 1920

INTRODUCTION

Copies of the instructions and supplemental instructions with conversion tables, and facsimiles of the various schedules, used in the census of agriculture, 1930, appear in the following pages. In order to facilitate comparisons of statistics, copies of the schedules of 1925 and 1920 are also included.

Full instructions for the census of 1925 are printed in the appendix to each of the three parts of the Report

of the Census of Agriculture, 1925, and those for 1920 are printed in the appendix to Volume V, General Report and Analytical Tables, for that census; instructions and schedules for the censuses of 1900 and 1910 in Appendix B to Volume V, General Report and Analysis, for the 1910 census; and those for earlier censuses at the end of Volume V (Part I), Farms, Livestock, and Animal Products, for the 1900 census.

INSTRUCTIONS TO ENUMERATORS, 1930

CENSUS OF AGRICULTURE

Objects of the census of agriculture.—The census of agriculture was authorized for the purpose of obtaining (1) accurate statistics relative to farm land, livestock, and other farm property on April 1, 1930; (2) statistics for the year 1929 concerning crops, livestock products, farm expenses, etc.; and (3) statistics of irrigation and drainage of farm land.

Census schedules are confidential.—The information reported on the census schedules will be treated as *strictly confidential* under all circumstances, and will not be seen by any person except the sworn employees of the Census Bureau. In particular, this information will not be used as a basis for taxation, nor will it be communicated to any tax official. The enumerator should make these points clear, especially in dealing with persons who seem to be unwilling to give the information requested.

Schedules to be used.—Six schedules are to be used in taking the 1930 census of agriculture, of which each enumerator will use two or more. The schedules are entitled:

- (1) The General Farm Schedule (Form 15-90), which is to be used in the enumeration of farms in all States.
- (2) The Supplemental Schedule for Special Fruits and Nuts grown in California and other western States (Form 15-145-1), designated "A," which is to be used only by enumerators in the counties listed on the schedule.
- (3) The Supplemental Schedule for Special Fruits and Nuts grown in Florida and other southern States (Form 15-145-2), designated "B," which is to be used only by enumerators in the counties listed on the schedule.
- (4) The Irrigation Schedule No. 1 (Form 15-230), on which enumerators in the 19 States listed are to report all irrigation enterprises which serve individual farms or groups of farms numbering not more than 4.
- (5) The Irrigation Schedule No. 2 (Form 15-147), on which are to be reported irrigation enterprises serving 5 or more farms in the 19 States listed. This schedule will be prepared by enumerators in only rare instances, as specially directed by the supervisor of census.
- (6) The Drainage Schedule (Form 15-148), on which are to be reported enterprises which drain farm land. The enumerators will not prepare this schedule.

The enumerator should be thoroughly familiar with the census definition of a farm, so that he may readily decide when to use the General Farm Schedule. Read carefully the definition of a "farm."

THE GENERAL FARM SCHEDULE

The General Farm Schedule.—In order that they may be readily consulted, certain especially important instructions and definitions have been printed as a part of this schedule. You should study carefully both the schedule and the instructions given in this pamphlet before you try to fill out your first farm schedule. If there is any part of the schedule which the instructions do not make clear, ask the supervisor for your district to explain it to you.

GENERAL INSTRUCTIONS AND DEFINITIONS

Illustrative schedule.—In addition to this book of instructions, which you should study carefully, you have been provided with an illustrative example of the proper method of filling out the General Farm Schedule. This example, although filled out on an earlier form of the schedule which differs from the final form in some particulars, will show you how the schedule is to be filled out for the farm described in the accompanying narrative. If any questions arise in your mind after you have studied carefully both this book of instructions and the illustrative example, you should apply to your supervisor for further instructions.

Code numbers on schedule.—Pay no attention to the figures in the columns headed "Code." Be sure that no figure or writing of any kind is placed in any of these code columns or blocks.

General method of filling out schedules.—Use black ink, take pains to write legibly and, in particular, to make figures so that they can be read at a glance. Be sure that you know the proper entry and where it should be made before making it, so as to avoid erasures. By thoroughly mastering the schedules and instructions before starting your canvass, you will avoid having incomplete or carelessly prepared schedules returned to you for correction. Where values are called for, you are instructed to omit cents; do not insert a decimal point followed by ciphers or other figures. Where no entries are required, leave the space blank; do not insert dashes, ciphers, or check marks.

Enumerator's record.—Fill out carefully the blank spaces for the enumerator's record on each schedule. Number the farms, as you visit them, beginning each enumeration district with number 1, and continuing in order through the enumeration district; and enter the number of each farm in the space provided

for that purpose. Where you add an "N" or an "A" to the farm schedule number recorded on the Population Schedule, write the same letter after the number on the farm schedule. Then enter in the proper spaces the number of the population sheet and the number of the line on that sheet where the name of the farm operator is written. These figures are necessary for identification purposes and must never be omitted, except where the farm operator does not reside in your enumeration district; in that case write "Nonresident" above "Sheet No." The occupation of the farm operator as reported on the Population Schedule must be entered on every farm schedule. The date on which the farm was enumerated and your signature complete the entries in the first section of the enumerator's record.

The entries in the second section should show, in detail, as called for, the place where the farm is located.

The names of the State and county should be *written in full* in the proper space on each schedule. The number of the supervisor's district and the number of the enumeration district *must be entered* in their proper places, and the figures must be legible and reasonably large. The name of the township or other division of the county must be entered on each schedule. The name of the "incorporated place" is, of course, required *only* when the farm is *inside* the limits of an incorporated city, village, town, or borough. Abbreviations will not be permitted, but a rubber stamp may be used if convenient.

A farm located in two or more counties or townships.—Occasionally a very large farm will be found where the land is located in two or more counties or townships. In such a case the entire farm is to be enumerated in the place where the operator's farm home is located; but note on the left-hand margin of the schedule, Question 6, the approximate number of acres located in each township or county, naming each specifically. The sum of these entries must equal the total under Question 6. The word "township," as used above is intended to cover the minor civil divisions locally called townships, precincts, etc., as called for in the "Enumerator's Record."

Source of information.—Obtain information with regard to a farm from the farm operator in every case where this is possible. A farmer, or farm operator, is a person who operates a farm, either performing the labor himself or directly supervising it. If it is necessary to accept the statements of a member of his family, or of some other person, be sure that this person is able to give you reliable information.

When you find a farm whose operator lives outside your district, or who with his family is outside the district at the time of enumeration, so that it is not possible for you to see him or his family personally, secure the information for this farm as best you may from a neighbor or from any other reliable source that may be available, and note at the top of the schedule that it was so obtained. It is essential that you turn in a completed schedule for *every farm in your district*.

Obtain the information for a farm from the operator who is living on or operating that farm at the time of your visit, even though this man may have recently moved onto the farm and may not have operated it during the preceding season. He will be able to give you the inventory items, of course, without any difficulty, and he can give you at least approximate figures for the previous year's crops and other products. Do not permit a man who has recently taken possession of his present farm to report the crops that he raised in 1929 *on some other farm*.

Change in size of farm.—If two or more tracts of land, which in 1929 were operated as separate farms have been combined under the operation of one person on April 1, 1930, only *one* schedule should be secured; if a tract of land which in 1929 was operated as one farm is found to be under the operation of two or more persons each operating a part of it as a separate farm on April 1, 1930, *two or more* schedules should be prepared, one for each operator.

Abandoned and idle farms.—No schedules are to be secured for abandoned farms; that is, for farms which were not operated in 1929 and which do not seem likely to be operated in 1930. Farm land is considered as being "operated" not only when cultivated crops are raised on it, but also when it is used to any significant extent for pasture or for cutting hay.

While no schedules are to be secured for abandoned farms, you should keep a record of the number of such farms that come to your attention, so that you can report this number to your supervisor when you have finished the district.

Do not secure schedules for idle farms on which no crops were grown or livestock products produced in 1929, and which do not seem likely to be operated in 1930, *although people may be living on such farms* at the time of your visit and may have actually cultivated a small farm garden in 1929.

You will find occasionally a farm which was left idle during 1929 for some reason and which will be operated again in 1930. For such a farm you should secure a schedule showing information concerning the farm operator and the acreage, value, and other inventory items, and answers to Questions 181 to 183, writing across the crop section "Not operated in 1929, but will be operated in 1930."

All questions to be asked in order.—Give the information asked for on the schedule in the order of the respective inquiries. Inability to obtain exact data does not justify failure to answer a question. The most accurate returns that the circumstances permit must be obtained. If farm records or accounts are kept, take figures from these. If such records are not available, careful estimates should in all cases be obtained or made. Where there are no crops or animals corresponding to names listed in schedule, leave the spaces opposite such names blank. Make no entries in spaces marked thus: "X X X."

Definition of "farm."—A farm, for census purposes, is all the land which is directly farmed by one person conducting agricultural operations either by his own labor or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term referring to the work of growing crops, producing other agricultural products, and raising domestic animals, poultry, and bees.

A "farm" as thus defined may consist of a single tract of land, or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as when one tract is owned by the farmer and another is rented by him from another person. Thus, if a man who owns 120 acres rents an additional 20 acres from another person and operates both the 120 acres owned and the 20 acres rented, then his "farm" consists of the 140 acres.

When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each of these is considered a "farm." Thus, on a plantation, the land operated by each cropper or tenant should be reported as a separate farm, and the land operated by the owner or manager by means of wage hands should likewise be reported as a separate farm. Or, to take an example of a different kind, if a man owning 160 acres of land rents 60 acres to a tenant and farms the remaining 100 acres himself, his "farm" is the 100 acres which he operates, *not* the 160 acres which he owns, while the 60 acres rented constitute a separate farm to be reported in the name of the tenant.

Small farms.—Do not report as a "farm" any tract of land of less than 3 acres, unless agricultural products to the value of \$250 or more were produced on such tract in 1929. A village place, used primarily as a place of residence, should not ordinarily be reported as a farm even though the occupant may keep a cow or some chickens, or cut a small quantity of hay, and sell a part of the products, unless the products amount to \$250 or more in value. When grass is cut from lawns or other grounds of a place used only as a country home, for the

purpose of beautifying the grounds and no other agricultural activities are carried on and no livestock kept on the place, this is not to be considered as a farm and no report should be taken.

Market gardens, dairies, etc.—All market and truck gardens, fruit orchards, nurseries, greenhouses, poultry yards, places for keeping bees, and all dairies in or near cities, villages, and incorporated towns, even though little land is employed, are for census purposes, farms, provided they produced in 1929 agricultural products to the value of at least \$250.

Institutional farms.—The lands utilized by institutions, such as schools, almshouses, insane hospitals, etc., for growing vegetables or fruits, or carrying on other agricultural operations are, for census purposes, farms. Reports for such farms should include only the land used for agricultural purposes, and their value is the value of that land, together with the value of such buildings only as are used mainly for agricultural purposes. Do not include the value of any buildings used exclusively for the care of inmates, or for housing or instruction of students in schools.

The name of the executive officer of the institution or of the manager of the farm is to be written in answer to Question 1; he is to be reported as a manager in answer to Question 21, and the name of the institution is to be reported as the owner in answer to Question 22.

Enumeration of plantations.—In the South plantations of various sizes will be found, some of which contain hundreds of acres. Usually a part of the land will be operated by the owner or manager and the rest of it will be divided into small farms, operated by tenants or "croppers." (Hereafter croppers are included under the word tenants.) Even though the plantation owner or manager may exercise considerable supervision over the farms of these tenants, often furnishing all the livestock, farming implements, fertilizer, etc., each tenant, or cropper, should be reported as a farm operator, and a separate schedule should be prepared for the land which he operates. Except under unusual circumstances you should complete all the tenant schedules for a given plantation before enumerating any other farm, so as to keep the serial numbers for the plantation consecutive. In the enumeration of such plantations proceed as follows:

First.—When you approach the owner or manager of a plantation to secure a report covering the operation of his plantation, you should inform him that it is your desire to secure a complete report of the operations of the plantation, and request his assistance, so far as possible, in preparing separate farm schedules for each tenant or cropper who is "farming" land on the plantation, and to secure another schedule covering the operation of the remainder of the acreage, which for census purposes is designated the "home farm"; (you should mark the words "home farm of plantation" on it) that is, that part of the plantation which remains directly under his own operation, exclusive of the land operated by the individual tenants. You should request the manager to furnish you the name of each tenant or cropper and the number of acres of land assigned or rented to each individual; together with the value of such land and buildings used by him, and the acreage and production of each crop, and all other items of which he has knowledge. Impress on him that you desire to secure *all information* which it is possible for him to furnish concerning the separate operations of each tenant; such as the items of farm expenses for fertilizer, feed, etc., actually used on the land or for feeding livestock of the tenant, although such items may have been purchased by the management and charged against the plantation as a whole. If, for instance, the cost of fertilizer has not been charged against the tenants, a careful estimate should be made so as to distribute the cost against each tenant according to the fertilized acreage operated by him.

Second.—After you have secured all information possible for each tenant, you should inform the manager that you would like to secure the report for the home farm, consisting of all land in the plantation, *not included in the individual tenant schedules*. In other words, for a plantation composed of 1,000 acres, for which you have secured individual tenant schedules accounting for 600 acres, the schedule for the home farm should report the operations on the remaining 400 acres (which must be reported under Question 6), and must not include any of the items reported on the 600 acres previously secured on individual tenant schedules. You should include on the home farm schedule the 600 acres rented to tenants under Question 230 and the value of this land under Question 231; *but no other item carried on the tenant schedules should be included in the report for the home farm.*

Third.—See that the combined acreage and value reported by the landlord for the "home" and tenant farms equal the total farm acreage and value of the plantation. It is essential that you do this before visiting the tenant farms.

Fourth.—Interview each tenant, and find out if any crops, domestic animals, poultry, or other items have been omitted from his schedule. A full and complete report must be obtained for each tenant on the plantation.

Fifth.—Examine the schedules and see that no information reported for the tenant farms is included on the home farm schedule with the exception of Questions 230 and 231.

Sixth.—Be sure that the name and address of the landlord are written in the same way (Question 22) on the schedule of each of his tenants or croppers. If convenient put a string or rubber band around all the schedules belonging to the given plantation.

Indian reservations and allotted Indian land.—Where land has been allotted to Indians an individual schedule is to be secured for each Indian whose use of his land brings it under the classification of a farm. The word "allotted" is to be construed as covering allotment in fee, allotment in trust, and the simple designation of a certain acreage as the place of residence or agricultural activity of an individual Indian. An Indian having no allotment but having livestock pastured on unallotted land of the reservation or in a national forest or on the public domain is to be classed as a farmer if his livestock products in 1929 were valued at \$250 or more. The schedule, in the latter case, should show "No land owned or leased," just as in the case of any other person who runs stock on the public domain. Arrangements have been made with the Department of the Interior to secure these schedules through the Indian agencies. Any acreage belonging to an Indian reservation that has not been allotted to Indians, that is not assigned to an unallotted Indian for his own use, and that is not leased to corporations or individuals, if used for agricultural purposes constitutes a single farm for which a schedule is to be secured from an Indian agent. The name of the Indian agent is to be written in answer to Question 1 as the farm operator, he is to be reported as a manager in answer to Question 21, and the name of the reservation is to be reported as owner in answer to Question 22. The reservation schedule should report only such acreage as is usually devoted to crops, improved pasture, farm buildings, etc., with the value of such acreage and farm buildings. The vast acreage of wild land over which livestock may graze is to be treated as public range and is not to be reported as a part of the farm. All livestock belonging to the reservation must be reported on the reservation schedule whether grazed on the improved acreage or on the wild land that is excluded in reporting the acreage under Question 6.

Farms being collectively developed.—In some localities individuals, firms, or corporations purchase considerable tracts of agricultural land, set out fruit or nut trees, construct irrigation works, or make other improvements thereon and then sell the land in small parcels on the installment plan to nonresident

investors, contracting at the time of sale to cultivate the land for a certain length of time. Even where a large part of the land has been sold in this way, if the tract is operated essentially as a unit, it should be returned as one farm in the name of the person managing it.

Ranches.—The census definition of a farm is intended to include the so-called ranches, where stock raising is the principal activity. Ranches may be operated on owned land, leased land, or on open range neither owned nor leased by the operator.

Livestock on range.—A flock of sheep or a herd of cattle being pastured on the public range or in a national forest by a person who does not own or rent any of the land used for that purpose should be reported on a farm schedule, and in answer to Question 6, calling for the total number of acres in the farm, the enumerator must write "No land owned or leased." In some States the number of cattle and sheep on the range is very important, and every effort should be made to get returns for all of this stock without duplication. Unless you receive special instructions to the contrary from your supervisor you should proceed to obtain a schedule for each flock of sheep which you find in your district. If you find several flocks under one management, prepare one schedule for all of the sheep. Enumerators for certain sections of the range country will receive special instructions relative to the enumeration of nomadic flocks of sheep.

Feed lots.—On many farms considerable numbers of animals will be found in inclosures or feed lots where they are being fed in preparation for the market or to keep them through the winter until the time when they can be returned to the range. This livestock will, of course, be reported on the schedule for such farms. Similar feed lots or inclosures will also be found where there are no other farming operations. Such feed lots should be reported as farms, since the feeding of animals under these conditions is strictly an agricultural operation. This would not, of course, include animals in stockyards or shipping pens where they are kept simply to await a convenient time for shipment, but only those animals which are being fed in order to increase their weight or otherwise improve their condition for the market.

Nurseries and greenhouses.—Nursery and greenhouse establishments are to be counted as farms and reported on the farm schedule. It is important that we have a report of the acreage and value of such establishments and of the amount received from the sale of products. The acreage used for growing nursery and greenhouse products should be included with the acreage of other crops, if any, under Question 7 and should also be included under Question 6. The number of young trees and vines included in the nursery stock should not be reported.

Farmers living in town.—There will be cases where a farmer lives in a town and operates a farm outside, perhaps several miles away (actually operates it himself, without having on it either a tenant or a manager), going out to the farm day by day as necessary. If such a farmer keeps livestock used for purposes of his farming operations at his place in the city or town and carries on some farming operations (not a mere home garden) there, the residence is a part of the farm. In a case of this kind, where the residence is in one township or county and the farm in another, the farm should be enumerated in the township where it is located, regardless of the fact that the farmer lives in another township. If practicable, the enumerator should visit the owner and secure from him the information for the schedule.

Farm operator.—The term "farm operator" is employed by the Census Bureau to designate the person who directly works a farm, as owner, hired manager, tenant, or cropper, conducting agricultural operations either by his own labor alone or with the assistance of members of his household or of hired employees. Note especially that a farm should be returned in the name of such farm operator—that is, the person actually conducting

the agricultural operations—even though he may be subject to incidental supervision. Thus when land is rented, the tenant, not the owner, is the farm operator, even though the owner may exercise some supervision over the farming operations.

Change of farm operator.—Do not omit the report of the crops or other products of a farm for 1929 because it has changed operators between the close of the crop year 1929 and April 1, 1930. Such a farm should be reported *in the name of the person operating it on April 1, 1930*, and not in the name of the former operator. Obtain from the present operator the statistics of livestock implements, machinery, and farm values on April 1, 1930, as for any other farm. If the previous occupant can be reached, secure from him the returns for the crops of 1929; otherwise secure estimates of these crops from the present operator or from any other reliable source. In the case of farms operated by tenants, this information can generally be obtained from the owners or their agents, if they are accessible.

Two or more general farm schedules for one farm operator.—As a rule one (and only one) General Farm Schedule should be returned for each farm operator. But to this rule there is one general exception. If a farm operator operates two separate tracts of land as hired manager for two different owners, or one tract as owner, part owner, or tenant, and another as manager, a separate schedule should be returned for each, as each represents a separate enterprise.

Distinction between farm and factory operations.—The manufacture of butter, cheese, cider, vinegar, or other products may be carried on in buildings and plants operated either (1) in connection with farms or (2) as independent manufacturing enterprises. In the latter case such buildings or plants are to be regarded as factories, to be covered by the census of manufactures and not to be included in the census of agriculture. But unless it is clear that such a building or plant is operated as a manufacturing enterprise independent of a farm, you should include its value as part of the value of the farm on which it is located. You should include with the products of the farm, however, only the butter, cheese, cider, or other products made in such establishments from milk produced or crops (apples, grapes, etc.) grown *on the farm*. In general, such plants should be included with the farm equipment when they are operated as a part of the farm business and are considered simply as a means of disposing of the raw materials produced on the farm or of putting them into a marketable form.

Special rule regarding cane sirup and sorghum mills.—Where mills exist on farms for the manufacture of cane sirup or sorghum sirup, the value of such mills must be included in the farm report if they confine their operations to the treatment of cane or sorghum grown on the farm on which they are located. If, however, a mill located on a farm crushes cane grown on farms other than the one on which it is located, its value should *not* be included in the General Farm Schedule.

Special rule regarding canning factories.—Factories canning fruits and vegetables for sale, even though located on a farm and using only the fruits and vegetables grown on such farm are *not* to be reported on the General Farm Schedule. In reporting the value of fruits, vegetables, etc., grown on the farm and canned in such factories, give their value when delivered to the factory, and *not their value after canning*.

INSTRUCTIONS FOR SPECIFIC INQUIRIES

The following paragraphs relate to specific inquiries on the schedule. Inquiries with regard to which no instructions are given are assumed to be self-explanatory.

FARM OPERATOR

Section I.—Questions 1 to 5, inclusive, must be answered on every schedule.

Question 1. Name of person.—The name of the *person* operating the farm must be reported under this inquiry, not that

of a firm, institution, school, Indian reservation, etc., which may own the land. When a farm is operated by a tenant or hired manager, the name of the owner should be reported under Question 22, only.

Question 2. Post-office address.—The correct post-office address of the *person* whose name is entered after Question 1 should be obtained by direct inquiry. Do *not assume* because the farm may be located near some town or village that the operator receives his mail through a post office located there.

Question 3. Color or race.—Write "White" for white; "Neg" for Negro, including both black and mulatto; "Mex" for Mexican; "In" for Indian; "Ch" for Chinese; and "Jp" for Japanese. In all other cases give the race, as Filipino, Malay, etc.

Question 4. Age.—Report the age of the farm operator at his last birthday.

FARM ACREAGE

Section II.—Question 6 must be answered on every schedule, either with acreage figures or the statement "No land owned or leased which applies only to grazing on open ranges." In almost every case acreage will be reported under Question 7, and usually there will be entries under several other questions in this section.

Question 6. Total number of acres in this farm.—The acreage reported in answer to this question must include all the land (except free public range) on which the person named in answer to Question 1 conducts farming operations of any kind, whether such land is owned, rented from others, or managed for another, and is actually tilled, is lying idle or fallow, is used for pasture, or is in woodland or other unimproved land. Thus, there may be included land which is detached from that on which the major portion of the farming operations are conducted, even though it is used only for pasture or to supply wood or timber, and may not be adapted to profitable farming. Such distinct tracts should not be shown separately, but in all divisions of the schedule they should be regarded as a part of the farm and should be treated in the same manner as if all the land were in a single continuous tract. Timber land or other non-agricultural land held by a farmer as a *separate business*, however, and not used for pasturage or any other farm purpose, should *not* be included.

Uses of land.—The sum of the acreages under Questions 7 to 14, inclusive, *must add exactly* to the total acreage under Question 6 on every schedule. Fractions of an acre should *not* be entered in answering these questions. If the farm consists of less than 1 acre it must be reported as 1 acre.

Where acres are shown under Questions 19 and 20, the sum of these two figures should equal the total acreage shown under Question 6. Where Question 19 alone or Question 20 alone is answered, the answer should agree with the answer to Question 6. If a farm is operated by a hired manager, the acreage must not appear under either Question 19 or Question 20.

Question 7. Land from which crops were harvested in 1929.—Do *not* include here land from which the crops were not harvested by reason of crop failure or any land used exclusively for pasture. Do include, however, any land on which a crop of corn, cowpeas, velvet beans, or other crop was raised to maturity and hogged or grazed off, the acreage of which is to be reported under Questions 128 and 150 to 155, and for crops not listed by name under Question 172. In such cases write "Hogged off" or "Grazed off" next to the answers to those questions.

The number of acres to be reported under Question 7 is the total number of acres from which crops were harvested on this farm in 1929, including the number of acres contained in orchards, vineyards, gardens, and nurseries and greenhouses. If there is a duplication of acreage, for example, where the acreage of clover or alfalfa is cut for hay and later harvested for seed or where any two different crops were grown at different times during the crop season of 1929, the acreage should be

counted but once in computing the total area of land in crops harvested as reported under Question 7.

Question 8. Land from which no crop was harvested in 1929 because of crop failure or destruction.—Report here only land from which practically no crops were harvested in 1929. In addition to reporting all acreage on which the crop may have been destroyed by hail, fire, frost, flood, etc., you should report all acreage as a failure from which crops were *not* harvested on account of prices not justifying employment of labor (such as potatoes not being dug) or of the farmer not being able to secure the labor necessary to harvest the crops.

Question 9. Crop land lying idle or fallow.—Report here all crop land which was neither in crops nor used for pasture in 1929.

Questions 10, 11, and 12. Pasture land.—Report here only land which was used *exclusively* for pasture during the year 1929. Do not include land which was pastured after a crop was harvested, nor grain fields which were pastured for a time in the winter or spring but which later produced a crop of grain.

Questions 11 and 13. Woodland.—All land occupied by trees or young growth, other than orchards or nursery stock, *which has or will have value as wood or timber* should be classified as woodland. Report such land under Question 11 if it was used for pasture or under Question 13 if it was *not* used for pasture.

ROTATION PASTURE, TERRACING, AND DRAINAGE

Section III. Questions 17 and 18.—For census purposes drainage has been defined as follows: "Drainage of agricultural lands is the act or process of drawing off an excess of water by underground conduits, pipes, or tiles; or by open or covered trenches in the surface of the ground for the purpose of improving the condition of the soil and crops."

Question 17. Area drained.—Report the acreage which is actually benefited or made of more value for agricultural purposes by artificial drainage. This will often be less than the total area from which water flows to the drains. Do not include land on which only temporary work has been done, such as "bedding" the fields or laying out "dead furrows" to hasten the surface flow.

The acreage reported under Question 17 should never exceed the total acreage of the farm as reported under Question 6.

Question 18. Name of drainage enterprise.—Under Question 18 report the exact name and address of the enterprise furnishing drainage or protection against overflow for any acreage in the farm.

FARM TENURE

Section IV.—The questions with regard to farm tenure on the General Farm Schedule for 1930 have been made very simple. They form one of the most essential parts of the schedule, however, and you should always secure complete information on this subject.

You should note carefully that all questions under tenure, relating to land owned or rented, refer to the land which constitutes the farm which the farmer operates at the time you visit him in 1930. He should not give answers relating to some *other* land which he may have farmed in 1929.

Question 19. Acres owned.—If the farm operator does not own any of the land reported under Question 6, but operates the farm as a tenant or hired manager, leave Question 19 blank. Report here only that part of the acreage reported under Question 6 which is actually *owned* by the operator. Where the operator owns the entire acreage reported under Question 6, Question 20 should be left blank and the answers to Questions 19 and 6 should agree. If the operator is a part owner, the acres *rented* should appear under Question 20 and the sum of Questions 19 and 20 should equal the answer to Question 6.

Farm land is regarded as owned not only where the operator holds direct title to it but also where it is owned by his wife, where the operator holds possession as an heir or one of the heirs to an undivided estate, where he is trustee or guardian for

such heirs, where he has bought the land on a contract for a deed, or where he has purchased a farm sold for debt and holds it subject to redemption by the original owner.

Land on which the farmer has settled under the homestead law, but has not yet proved up, or that which is more or less permanently occupied by a squatter, should be reported as owned land.

The first step in obtaining this information is to ask the farm operator the questions, "How many acres in this farm do you own?" and "How many acres do you rent from others?" If he replies that he owns the whole number of acres already reported under Question 6, and does not rent any land from others, then no further question need be asked in the farm-tenure section of the schedule. You should then write "No" in answer to Question 21.

Question 20. Acres rented.—This question should be answered for all part owners and for all tenants but should *not* be answered for hired managers. If the operator is a part owner, the acres *rented* should be reported under Question 20, and the sum of the answers to Questions 19 and 20 should equal the answer to Question 6. If the farm is operated by a tenant, the answers to Questions 20 and 6 should agree.

Question 21. Do you operate this farm for others as a hired manager?—If the farmer who is reported under Question 1, operates this farm as a manager (hired by the owner whose name is to be reported under Question 22) write "Yes" in answer to Question 21. In such cases no acreage is to be reported under Questions 19 or 20. *Never* answer this inquiry with "Yes" for owner-operated or rented farms, although the operator does manage his own farm, but *not* in accordance with the census definition of a managed farm. Do *not* report a farm in charge of a caretaker as a managed farm, but as an owned farm in the *name of the owners*. Be very careful to differentiate between a caretaker and an actual farm manager. Usually a farm owner does not employ a hired manager unless the returns received from the farm justify such employment.

Questions 23, 24, and 25. Tenants.—These questions should be answered for tenants only, and *not* for owners, part owners, or hired managers.

Question 23. Rent paid.—This question is very important and should be answered without fail for every farmer *renting his entire farm from others*. You should see, therefore, that this question is answered on every schedule on which acres are reported under Question 20 and *not* under Question 19.

Question 23 must be answered in accordance with the explanatory notes *a, b, c, and d*, given under this question. For example, in case of a share tenant, there should be written on the blank line the words " $\frac{1}{4}$ cotton," " $\frac{1}{2}$ corn," or such other designation as the circumstances require. If *part or all* of the rent is paid in cash, *the total amount in dollars paid as rental* should be reported, as called for under headings *b* and *c*. Do *not* show the amount paid per acre.

It is especially important that the answer to this question should show whether the tenant pays *cash* rent, or a *share* of the crops, or a *stated amount* of farm products for the use of the land. The answer should indicate clearly *which form* of rent is paid, even though it is necessary to estimate the amount, or to express it in a form not exactly like any of the four types indicated.

A man who rents a farm can pay his rent in at least four different ways.

a. He may give a share or a part of the crops which he raises, as one-half of all crops, one-third of the corn, one-half of the hay, etc.

b. He may pay all cash, as \$500 for the entire farm.

c. He may give both a share of the crops raised and a certain amount of money, as one-half of the corn, or one-fourth of the cotton, and in addition a cash payment, as \$200 for all the land rented.

d. He may give a certain number of bushels, bales, etc., as 250 bushels of corn or 2 bales of cotton, without any regard for the amount he may actually produce that year on the land which he rents.

The Census Bureau *must* have information which will enable it to put every farm which is rented in one of these four classes. If Question 23 is left blank on the schedule for a tenant farmer, you will probably be required to obtain this information at a later date.

Question 24. Work animals furnished by landlord.—If question 23 is answered, Question 24 must be answered either "Yes" or "No." Work animals, in the sense in which the term is used here, are those used in putting in, cultivating, and harvesting a crop. If the landlord furnishes sufficient work animals to carry on the farm work, the answer to this question should be "Yes," even though animals belonging to the tenant may be occasionally used for farm work.

Question 25. Relationship to landlord.—If question 23 is answered, this question should be answered either "Yes" or "No."

FARM VALUES

Section V. Question 26. Total value of farm on April 1, 1930.—This question is of fundamental importance and should be answered on every schedule. Report here the value of the entire farm, consisting of all the land reported under Question 6, whether such land is *owned, rented, or managed* by the farm operator, and of all *farm buildings and improvements* attached to the land. Do *not* include under Question 26 the value of *farm implements and machinery, or livestock*. The valuation given by the farm operator or the person reporting must be accepted unless you have reason to believe that such valuation is decidedly below the actual value of the farm or is decidedly exaggerated. In such cases give, as nearly as you can determine, the amount for which the farm, *including farm buildings and improvements*, would sell under normal conditions, not at forced sale.

A part owner should report the value of *all* the land which he operates, including that which he rents as well as that which he owns.

The enumerator should assure the farm operator that the values returned on the census schedules will not be seen by any persons except the sworn employees of the Census Bureau. They will not be used for purposes of taxation and will not in any case be communicated to tax officials. In many sections property is uniformly assessed for taxation at a figure considerably below its true value. This fact is generally recognized, and it is expected that a farmer listing his property for taxation will report values somewhat less than the actual values in accordance with the current custom. This being the case, a farmer should not hesitate to report to the census enumerator the full value of his property even though he may have reported a lower value to the tax assessor.

Questions 27 and 28. Value of farm buildings.—Question 27 calls for the value of *all* farm buildings, *which value has already been included under Question 26*. This value of course should be less than the value of *land and buildings* reported under Question 26. The difference between these amounts should be sufficient to provide for a fair average value per acre for the land alone.

Question 28 calls for the value of the dwelling house in which the farmer and his family reside. This value is, of course, included in the values reported under Questions 26 and 27.

The value of buildings will ordinarily be an estimated value and should represent a reasonable fraction of the total value reported under Question 26. No attempt should be made to find out the original cost of the buildings nor the amount it would cost to replace them new, as this amount will frequently be much more than the present value of the buildings, and in some cases even more than the total value of the farm, including the buildings.

The schedule for an institutional farm should show the value of the *farm* buildings only. Do not include, under Question 27 or Question 26, the value of such buildings as factories producing

butter, cheese, or condensed and evaporated milk, canning factories, or sugar mills, which, though situated on the farm, are used for *manufacturing* rather than for farm purposes and do not include under Question 29 the value of any machinery used for such purposes. Where any materials other than those produced on the farm are used, the establishment should ordinarily be considered a manufacturing establishment and the value of the plant should *not* be included on the farm schedule. A canning factory should not be included in any case, even though it uses only the products grown on this farm.

Question 29. Value of farm implements and machinery.—Report the value of all farm implements, machinery, etc., used in operating the farm and permanently (or usually) kept on the farm, whether they belong to the farm or not. Farm machinery owned cooperatively by a group of farmers should be reported on the schedule for the farm where it is usually kept; or if no "usual" place is provided, then on the schedule for the farm where it happens to be on April 1, 1930. A tenant should report under this question the value of the farm implements and machinery used in operating his farm, even though he does not own them.

Include under Question 29 all automobiles, trucks, and tractors; all farm implements; tools; wagons; harnesses; dairy equipment; cotton gins; threshing machines; combines; apparatus for making cider, grape juice, and sirup, and for drying fruits; and all other farm machinery so far as they are used in carrying on the farm business. Do *not* include the value of machinery used for manufacturing purposes.

FARM DEBT

Section VI. Questions 30, 31, and 32. Mortgage debt.—These questions must be asked of all those farm operators who own all or a part of the land they farm, but not tenants or managers. Where Question 30 is answered "Yes" the amount of mortgage debt must always be reported under Question 31, and the interest charges must be reported under Question 32.

If the amount of debt reported under Question 31 exceeds the total value of land and buildings reported under Question 26, be sure to state the reason in the margin of the schedule.

The debt which should be reported here is only the debt secured by *real-estate* mortgages on that part of the farm consisting of the owned land as reported under Question 19. If the operator of this farm owns any farm land in the United States other than that reported at Question 19, then Questions 229 to 233 must be answered. The mortgage debt to be reported under Question 31 includes not only all debts secured by instruments locally called "mortgages," but also all debts represented by deeds of trust, judgment notes, confessions of judgment, deeds with vendor or lien clause, bonds or contracts for title, or any other legal instruments that partake of the nature of mortgages upon real estate. Do *not* include any debts represented by crop liens, nor any debts secured only by mortgage or lien on implements and machinery or on livestock.

Where the mortgage on a farm covers buildings and land together (as it usually does), give the whole amount of the mortgage outstanding, and do not try to separate that part which is secured on the land only.

If any farmer should hesitate to answer the questions on farm debt, assure him that the figures will be kept absolutely confidential and that nothing except totals will be published, no figures being published for individual farms. It is very important that these questions be answered satisfactorily.

FARM TAXES

Section VII. Question 33. Taxes on all property of this farm owned by the operator.—This question, which relates to the taxes on all of the farm property owned by the operator, should be asked only of each farm operator who owns all or a

part of the farm. Where the farmer rents a part of his land to others, report only the taxes on the land which he operates as reported under Question 19. The taxes to be reported here should include real-estate taxes, personal-property taxes, and special assessments other than those for irrigation or drainage enterprises. The answer to this question should show the taxes paid or payable for this farm in the year 1929 whether the present owner owned the land during that year or not. The taxes reported here should *never* be less than the amount reported under Question 34.

Do *not* include poll taxes, income taxes, nor taxes on property not used in the farm business, such as notes, stocks, bonds, city real estate, etc.

In irrigation districts do *not* include taxes or payments connected only with such irrigation, as for obtaining water, for construction charges, for purchase of water rights, or for maintenance and operation. In drainage districts do *not* include either drainage taxes or special assessments for drainage purposes.

Where taxes on property which is not used in the farm business, as mentioned above, appear on the same tax receipt in combination with taxes on farm property, obtain an estimate of the amount of taxes which relate to the farm property alone. This estimate can readily be made on the basis of the relative value of the two classes of property. Thus, if the farm property represents 80 per cent of the total assessed valuation, then 80 per cent of the total taxes should be counted as farm property taxes.

Question 34. Taxes on land and buildings of this farm.—

This question, which calls for the taxes paid on the farm (land and buildings) to which the schedule relates, should be answered by all operators reporting under Question 33. The amount reported here must be included in, and should never exceed, the answer to Question 33. This amount should be carefully considered in its relation to the total value of the farm as reported under Question 26.

The taxes reported here should include only the taxes paid or to be paid on the land and buildings in this particular farm which are owned by the operator. The acreage covered by this tax should be identical with the acreage reported under Question 19.

The farmer should be given every assurance that the taxes reported under Question 33 and Question 34 will be kept absolutely confidential, and that nothing except total figures will be published, no figures being published for individual farms.

FARM EXPENDITURES

Section VIII.—Report under Questions 35 to 38 and 40 all expenditures, of the classes named, incurred in 1929, whether paid or to be paid. For example, if a farmer used \$300 worth of fertilizer on his farm during this period, report the \$300 under Question 40 even though the bill has not yet been paid.

It is important that the expenditures for feed, fertilizer, and labor should be consistent with the size of the farm, the number of animals reported on the farm and those sold in 1929, and the farming operations reported elsewhere on the schedule. For example, when a plantation owner purchases all of the fertilizer used on the plantation, he should estimate and report only the value and amount of the fertilizer used on the land operated directly by him, and he should follow the same rule in reporting for each of his tenant farms.

The amount reported as expended in cash for farm labor (exclusive of servants employed to do housework) must include the amount paid those farm hands who are employed for short periods only to pick cotton, harvest wheat crops, etc., as well as regular farm hands employed by the month. Care should be had to report the number of days of hired labor called for under Question 39, which must conform to the amount of money expended as reported under Question 38. In harvesting certain crops, such as picking cotton, berries, etc., the farm hand is

paid according to quantity harvested and not by the day. In such cases it will be necessary to secure a careful estimate of the number of days of hired labor such payments represent.

Where a tenant pays for only a part of the fertilizer used on his crops, he should report under Questions 40 and 41 the total cost and total number of tons of the fertilizer used on the land which he operates, *including the part paid for by the landlord.*

FARM MACHINERY AND FACILITIES

Section X. Questions 43 to 53.—Questions 43 to 48 must be answered on every schedule for farms having the machines mentioned. Questions 49 to 53 must be answered on schedules for all farms. If the farm is operated by a tenant, or cropper, report only machinery kept on the farm he rents, and facilities in the house he occupies.

COOPERATION IN MARKETING AND PURCHASING

Section XI. Questions 54 and 55.—These questions will be answered frequently in localities where there are flourishing cooperative organizations, and infrequently or not at all in localities where there are no such organizations. Sales of products or purchases of supplies by the farmer through an individual or a local dealer should *not* be reported here.

In the case of tobacco, and possibly some other crops, it is the custom for some of the cooperative organizations to hold the crop a considerable period before selling it or making returns to the farmer. In cases of this kind, where the farmer has not received the returns for his crop, he should report the value of the tobacco or other product harvested in 1929 and delivered to the association, estimating the value if necessary on the basis of current prices.

DOMESTIC ANIMALS, POULTRY, AND BEES ON THIS FARM, APRIL 1, 1930; AND ANIMAL PRODUCTS IN 1929

Section XII. Domestic animals on this farm.—Report all domestic animals on the farm on April 1, 1930, whether they belong to the farm operator or not. The phrase *on the farm* means *kept on the farm*. If a farmer hires his neighbor's team for a short time, that team is not to be regarded as "on the farm" for census purposes and should not be included in this farm schedule, even though it may happen to be at work on this farm April 1, 1930. But horses, cattle, or other animals belonging to the hired man or to others, which are boarded or cared for on the farm should be included. Breeding animals owned jointly by two or more farmers and kept in turn on the various farms should be reported on the farm where they happen to be on April 1, 1930. In the case of ranchmen using the public domain, the number of animals should be understood to mean all animals belonging to or under the care of the ranchman for whom the schedule is prepared.

A flock of sheep or a herd of cattle being pastured on the public range or in a national forest by a man who does not own any land should be reported on a farm schedule. In some States the number of cattle and sheep *on the range* is very important, and every effort should be made to get returns for all of this stock, which must always be reported on the schedule for the ranch or range where it is found at the time of enumeration and must *not* be reported elsewhere. Avoid duplication in every case. Enumerators in certain sections of the range country will receive special instructions for enumerating flocks of sheep that range over a wide area during the year.

Care should be taken to report each age group on the proper line. In Questions 56 to 59 "horses" and "colts" refer to animals of both sexes. Do *not* report horses, cattle, sheep, etc., as a whole, but *always* classify them according to the groups printed on the schedule. When a ranchman is unable to furnish exact figures, obtain from him an estimate for each group.

Questions 68 to 73. Sheep and wool.—The production of wool, as reported under Question 73, should be consistent with the number of sheep shorn, as reported under Question 72. In certain sections of the country sheep are shorn twice during the year. In such instances report the *number of sheep shorn* in 1929, *not* the number of fleeces taken, and write "Shorn twice."

The production of wool and the number of sheep shorn are closely related to the number of sheep on hand April 1, 1930, except where the farmer may have sold or otherwise disposed of some of his sheep, or purchased additional sheep since shearing time. Where either was the case for a large number of sheep, write an explanation on the margin of the schedule. Where sheep have been purchases as "feeders," make the proper entries and write the number of feeders on the margin; for example, "500 feeders."

Questions 74 to 83. Cattle on this farm.—In classifying cattle, follow closely the designations on the schedule. Cows kept principally for beef may be milked for considerable periods during the year, and cows kept principally for milk will, of course, eventually be slaughtered for beef.

Question 84. Total number of cows and heifers milked.—The number reported under Question 84 must include the number reported under Question 85.

If any of the cows and heifers, as reported under Questions 82 and 83, were milked on this farm at any time in 1929, the number *milked* should be reported under Question 84, and such of them as were reported under Question 83 should be shown, also, under Question 85. The answers to Questions 84 and 85 should, also, include cows and heifers milked on this farm in 1929, which were sold, or otherwise disposed of, prior to April 1, 1930. Where milk is reported under Question 86, cows milked should always be reported under Question 84.

Question 86. Milk produced.—This question should always be answered, where cows milked are reported under Question 84. Report here the total number of gallons of milk produced on this farm in 1929, including milk *used on the farm* in any way, as well as milk sold.

When the amount of milk produced is reported, by the farmer, in pounds or hundredweight, it must be reduced to gallons before it is entered on the schedule. Make the reduction by dividing the number of pounds by 8.6. Report only the whole number of gallons, *omitting decimal fractions.*

Obtain from the farm operator either figures based on records or the closest possible estimate of the actual production in 1929. As a means of making estimates, where you find them necessary, use as a guide the following table, which is based on the supposition for the year 1929, that 2 cows averaging 1½ gallons per day were milked in January, February, and March; 3 cows averaging 1½ gallons per day were milked in April; 4 cows averaging 2 gallons per day were milked in May, June, July, August, September, and October; and 3 cows averaging 2 gallons of milk per day were milked during November and December:

Month	Days	Cows milked per day	Average milk per cow per day	Total milk produced
January, February, and March.....	Number	Number	Gallons	Gallons
April.....	90	2	1½	270
May, June, July, August, September, and October.....	30	3	1½	135
November and December.....	184	4	2	1,472
	61	3	2	366
Total.....				2,243

The quantity of milk produced should be enough to cover the products shown under Questions 87 to 90, inclusive, plus enough for home consumption on the farm. Where the figures for dairy products, as given by the operator, appear question-

able, the *approximate* milk equivalent of butter, butterfat, and cream may be obtained as follows:

- Pounds of butter multiplied by 2.6 equal gallons of milk.
- Pounds of butterfat multiplied by 3 equal gallons of milk.
- Gallons of single cream (20%) multiplied by 5 equal gallons of milk.
- Gallons of double cream (40%) multiplied by 10 equal gallons of milk.

Questions 87 to 91. Disposition of milk.—It is very important that these items should be reported in the unit of measure printed on the schedule, and that the entries should be made on the proper lines.

Question 87. Butter churned.—If the manufacture of butter on the farm has assumed the proportions of a factory operation requiring the use of power and machinery and the employment of labor exclusively for the operation of the plant, the butter manufactured should not be reported on this schedule, but the *milk or cream* produced on the farm and used as material for the manufacture of butter is to be reported as milk or cream sold.

Questions 88, 89, and 90. Milk and cream sold.—Milk sold, as reported under Question 88 should never exceed milk produced, as reported under Question 86. Report under Questions 88 and 90, respectively, all whole milk and cream sold by the quart, gallon, or hundredweight. The quantity *must* always be reported on the schedules as *gallons*. Where the farmer *receives payment* for a given number of quarts, gallons, or hundredweight of milk or cream, it will be correct to report the product here in gallons, even though the price received varies somewhat with the butterfat content.

Question 89. Cream sold as butterfat.—Care must be taken to report under this question only the *cream sold as butterfat*. If the farmer *receives payment* for a given number of *pounds of butterfat*, it will be correct to report the product in pounds, as butterfat sold.

Questions 94 to 97. Goats and mohair.—Where Angora goats are reported under Question 94, entries should ordinarily appear under Questions 96 and 97. Do *not* include under Question 96 any fleeces clipped from goats reported under Question 95.

The production of mohair, as reported under Question 97, should be consistent with the number of Angora goats and kids clipped, as reported under Question 96.

Questions 98 to 103. Registered, purebred animals.—Report here only registered, purebred animals. Be careful to write the correct name of the breed. The registered stock, as called for under these questions, must also be *included* in the proper classes reported under Questions 56 to 83.

Questions 104 to 109. Purchases, sales, and slaughter of livestock, and sales of hides and skins in 1929.—The purchase, sale, and slaughter of animals on the farm, in 1929, should be reported as follows:

a. Purchases.—Report here all animals of the classes mentioned which were *purchased* in 1929, except those which were purchased solely for slaughter in a commercial slaughterhouse, whether such slaughterhouse was located on the farm or elsewhere.

b. Sales.—Report as *sold* only those animals which were sold *alive*. If any of the farm animals were delivered to a commercial slaughterhouse, although it may have been located on the farm premises, they should be reported as "sold" and not as slaughtered on the farm, even though the farmer controlled the operation of the slaughterhouse.

In the column "Hides and skins sold from this farm" are to be reported the number of hides and skins sold in 1929 which were taken from animals that were slaughtered or died on the farm.

c. Slaughter.—Report here only those animals which were *slaughtered* on the farm to produce *food* for human consumption, whether the meat was consumed on the farm or sold. Do not include animals which were killed on account of disease or young animals destroyed at birth or animals slaughtered in commercial slaughterhouses. A careful distinction must be made between the slaughter of animals

mainly for home consumption, which is purely *incidental* to agricultural operations, and the slaughter of animals in large numbers in a slaughterhouse located on a farm, the operation of which approaches commercial proportions constituting a separate and distinct business, although under the control of the farm operator.

Questions 110 to 116. Chickens and chicken eggs.—Where chickens are reported under Question 110, chicken eggs should in most cases be reported under Question 111, and chickens raised under Question 114. Be careful not to include any other kind of eggs under "chicken eggs." If eggs reported as produced under Question 111 are used principally for hatching baby chicks to be sold as such, write in the margin opposite Question 111, the word "Hatchery."

Chickens raised, as called for under Question 114, should include "baby chicks" purchased and raised, as well as all other chickens hatched and raised, whether consumed, sold as broilers or otherwise, or now on hand. Do not include under Questions 114 or 115 chicks hatched and sold as baby chicks.

Questions 120 and 121. Bees and honey.—Where the owner of a number of hives of bees distributes them among the farmers of the region or elsewhere, all the hives so distributed and honey produced must be reported on the schedule for the farm or place operated by the owner of the bees. If the owner operates a farm of 3 acres or over, or reports agricultural and livestock products, including honey, of \$250 or more in value on a tract of less than 3 acres, the bees should be reported on the General Farm Schedule.

IRRIGATED CROPS

Section XIII.—Questions 122 to 125 are to be answered only in the following States:

Arizona.	Kansas.	New Mexico.	Texas.
Arkansas.	Louisiana.	North Dakota.	Utah.
California.	Montana.	Oklahoma.	Washington.
Colorado.	Nebraska.	Oregon.	Wyoming.
Idaho.	Nevada.	South Dakota.	

If all or any part of the crops reported on a farm were grown on irrigated land, do not fail to indicate the crop, the acreage, and quantity so grown. When *all* the acreage of any crop was grown under irrigation, this must be indicated by placing a circle around the question number of such crop. If only *part* of a crop was irrigated, draw the circle, and write just above the entries for the irrigated crop the question number, the acreage, and the quantity grown on *dry* land.

If the answer to Question 122 is "Yes," the answer to Question 124 should agree exactly with the answer to Question 7.

The answer to Question 125 should be the name of the enterprise supplying the farm with irrigation water, regardless of the total number of farms served by it. If the farmer has his own irrigation supply, his name and address should be filled in as answer to that question. If he has partners in the ownership of the system, the answer should indicate that fact, as "John Smith and 3 others," or "John Smith and 7 others," the names of the other partners being written either in the space provided, or on the margin of the schedule; but if the group has incorporated as a company, or has adopted a name without incorporating, the name of the company should be given instead of the names of its members. If more than one enterprise supplies water to the farm, the names of all should be given. If water is supplied by some large enterprise, such as an irrigation district or a Government project, and the farmer has a pumping plant or other irrigation system of his own which supplements the supply brought to his farm by the large enterprise, the answer should show both, as: "Alta Irrigation District and own pump."

In the 19 States listed enumerators are required to obtain reports for all irrigation enterprises which serve individual farms or groups of farms numbering not more than 4, making their reports

on schedule "Irrigation-1" (Form 15-230), on which are printed full instructions for its preparation.

Enumerators are not required to fill out Irrigation Schedule—2 (Form 15-147) for enterprises supplying more than 4 farms except when specifically instructed by their supervisors to do so.

CROPS HARVESTED ON THIS FARM

Section XIV. Crops.—Be sure to enter *each* crop on the proper line. The crops to be reported in this section are the crops *which were harvested* in 1929 from the land which has already been reported under Question 7, whether these crops were raised by the present operator or by his predecessor. Do not report here the acreage of crops not harvested. Do not report on this schedule any crops raised by the farmer on *other land* which he may have farmed in 1929 but which he has not operated since April 1, 1930. Where there has been a change in farm operator since the 1929 crop season, the production record on the farm schedule is for the *farm* and *not* for the farm operator. This distinction must be carefully noted in order to avoid a duplication of reports.

Every reasonable effort should be made to obtain figures based on records, or if no records were kept, reliable estimates made if possible by persons directly concerned with the growing of the crops. You should be well informed, however, with regard to the usual production per acre of various crops in your district and with other factors which will enable you to assist the farmer in making estimates, where this is necessary. Where the farmer has succeeded in obtaining an unusually large production per acre of any crop, a yield so far above the average as to appear questionable, write "O. K." after the entry under "Quantity harvested in 1929."

Unit of measure.—Report all quantities in the unit of measure printed on the schedule. Where quantities are reported to you in other units, reduce the unit reported to the one specified on the schedule.

Report both acreage and production.—Make sure that both acreage and production are reported whenever both are called for, and each in its proper column. *In particular, see that there are no crops with acreage alone reported and the space for production ("Bu.," "Tons," etc.) left blank.* Do not make any entries however, in the spaces marked "X X X."

Two crops on the same land but not at the same time.—If two crops were grown on the same land in 1929, but *not* at the same time, you should report the full number of acres of *each* crop raised; this acreage, however, should be included only once under Question 7.

Interplanted or mixed crops.—Observe carefully the instructions for interplanted or mixed crops.

Crops plowed under.—Crops grown on the land during 1929 and then plowed under for the fertilizing effect should be handled as follows:

a. Where any other crop was harvested from the same land in 1929, report the land for the harvested crop and disregard entirely the crop plowed under.

b. Where a grain crop was plowed under because it did not seem to be making satisfactory progress, report the land as "crop failure" under Question 8 (unless another crop was planted and harvested from the same land later in 1929), and do not report the acreage under the name of the crop itself.

c. If there are any cases where the sole use made of the land in 1929 was to raise a crop to be plowed under as green manure, report the land under Question 9 and nowhere else. This land is not cultivated summer fallow but it serves somewhat the same purpose. Note particularly that annual legumes called for in Questions 150 to 155 are for crops *harvested* or *grazed* or *hogged off*; and that no report is to be made of legumes grown and plowed under, except that the acreage is to be included in the answer to Question 9.

Questions 126 to 130. Corn.—In the section on corn, the sum of the acres reported for Questions 127 to 130, inclusive,

should equal the total acreage reported under Question 126. *The quantity harvested must be given in bushels of shelled corn.* A bushel of shelled corn weighs 56 pounds and is equivalent to 70 pounds of dry corn in the ear, or to 2 bushel baskets level full or 1½ bushel baskets heaped of husked ear corn, or 6 level or 4 heaped bushel baskets of unhusked corn. Where corn is grown with other crops, report here the total acres of mixture. Sweet corn grown for silage should be reported under Question 120. Other sweet corn, if grown for sale, should be reported under Question 189, or if not grown for sale, the value should be included under Question 198.

Question 133. Sweet sorghum or sorgo.—Care must be taken to report sweet sorghum here, *not* under Question 134.

Questions 134 to 137. Sirup and sugar crops.—Report on the proper lines those crops which were grown *solely* for the purpose of making sirup and sugar.

Report under the second column of Question 134 the number of gallons of sirup made on the farm or in small neighborhood mills, either for home consumption or for sale. Be careful to report the *total* number of gallons produced from sugarcane grown by the farm operator, and not merely his share of the sirup, if the sirup was made "on shares." The same procedure should be followed in reporting sorghum sirup under Question 133.

Questions 138 to 149. Small grains.—The acreage and production of all small grains which were cut for grain and threshed in 1929 must be reported under these questions. Where wheat and flax were grown and harvested together, one-half of the acreage and the proper quantity of grain produced should be reported for each.

Questions 150 to 155. Annual legumes.—Where any of these legume crops were grown at the same time with other crops, the total acreage of the mixture must be reported for each crop. The total acreage grown must be reported under these questions, and if all or a part of the crop was saved for hay, such acreage must be reported also under Question 161 (annual legumes saved for hay), together with the tons of hay. Hence, it is possible for some of these acreages to be reported at three different places on the schedule: Under corn and under annual legumes when they are grown together, and under Question 161, when the hay is saved; but the acreage should be included but *once* under Question 7, "Land from which crops were harvested." The acreage in annual legumes not harvested but turned under as green manure should be included under Question 9, but should not be reported under Questions 150 to 155.

Questions 156 to 163. Hay crops and sweet clover pasture on this farm.—Be careful to report each kind of hay under its proper classification and to note that small grains cut for hay are not reported under these questions but should be reported under Question 149. No land should be reported as used for pasture under Question 160 if a crop of hay was cut from it in 1929 prior to its use as pasturage. Report under Question 160 the land in sweet clover used *only* for pasture during the year; the acreage should be reported here and, also, included under Question 10. When annual legumes have been cut and saved for hay the acreage and production of hay should be reported under Question 161, and the acreage must also be reported for those annual legumes called for under Questions 150 to 155, but it should be included only once under Question 7, "Land from which crops were harvested."

Questions 164 to 166. Grass seeds harvested.—When both hay and seed were harvested from the same acreage during the year 1929, the total acreage must be reported for each of the items, with the proper production for each. Of course this will be a duplication of acreage and it must be included but once under Question 7, land in crops.

Questions 167 and 171. Potatoes and sweetpotatoes.—Report here potatoes grown for home use as well as those grown for sale. Give all quantities in *bushels*, as specified on the

schedule. You must not report Irish or white potatoes under Question 171, nor sweetpotatoes or yams under Question 167.

Question 168. Cotton.—Cotton is to be reported in running bales. These bales weigh approximately 500 pounds each. If the cotton was packed in round bales, report its equivalent in square bales of 500 pounds each, counting 2 round bales as equivalent to 1 square bale.

Question 172. Other field crops not already reported, except vegetables and fruits.—If any crops other than those called for under Questions 126 to 171 were harvested, write under Question 172 the name, acreage, unit of measure, and production for each crop.

Questions 173 to 180. Crops of 1929 sold or to be sold.—Report here the quantity of the crop raised in 1929 which has been sold or is to be sold. You should not include here any products raised in 1928 which may have been sold in 1929. What is desired is to find out what part of the crops raised on the farm in 1929 have been sold, or will be sold, rather than fed or otherwise used on the farm. The quantity which has been sold can easily be ascertained in most cases; the quantity which is to be sold will usually have to be estimated, except where the farmer expects to sell the entire crop. The sum of the quantity already sold and the additional quantity the farmer expects to sell should be entered on the schedule. *The quantity sold or to be sold must not exceed the quantity harvested, as reported elsewhere.*

Questions 184 to 197. Vegetables harvested for sale.—Report here only vegetables produced strictly for commercial purposes. *Do not include vegetables grown strictly for home use.* The vegetables raised on a farm connected with an institution, for use by the institution, are to be considered as grown for the market. Small vegetable plants, such as tomato plants or cabbage plants, should not be reported here, but the receipts from sales of such plants must be reported under Questions 219 and 220. Cabbages, kale, pumpkins, and root crops, such as rutabagas, turnips, etc., raised for stock feed should be reported under Question 172. Ripened onions only should be reported under Question 192. Green onions should be reported under Question 197, the name being written in.

If any vegetables other than those specified on the schedule were grown for sale, write under Question 197 the name, acreage, and value for each of the other vegetables.

In reporting values, the fraction of a dollar should *not* be given, and no ciphers should be added after the whole number. For example, a value of ten dollars should be written "\$10" and *not* "\$10.00."

Question 198. Farm garden. Do not include the value of Irish or sweetpotatoes under this question. This amount should include the value of the vegetables canned, pickled, or dried for home use. *Do not include under this question the value of vegetables grown for use of institutions; they should be reported under Questions 184 to 197, as vegetables harvested for sale, not for home use.* The farm garden is intended to cover only those vegetables, except potatoes and sweetpotatoes, raised for the use of the farm operator and his family.

Questions 199 to 202. Small fruits.—The small fruits or berries which are to be included here are only those which are cultivated. Do not include wild berries picked in the woods or elsewhere. If any small fruits other than those called for under Questions 199 to 201 were grown, write under Question 202 the name, acreage, and quantity harvested for each kind of small fruit.

Question 203. Land in fruit orchards, vineyards, and planted nut trees.—The acres reported here should also be included in crop land harvested, as reported under Question 7.

Questions 204 to 212. Orchard fruits and nuts, and grapes.—Where the quantity harvested is given, the number of trees or vines of bearing age *must* also be reported. *Where trees or vines of bearing age are given, and no production is shown, state the reason on the margin of the schedule.* If any fruits and nuts

other than those called for under Questions 204 to 211 were grown, write under Question 212 the name, the number of trees, and unit of measure and quantity harvested and sold, for each kind of fruit and nuts. The quantity reported as sold or to be sold should not include fruits harvested in 1928 and sold in 1929, and must not exceed the quantity reported as harvested. Nursery stock should not be reported here, but the receipts from the sale of such stock must be reported under Question 219.

The quantity harvested and quantity sold must always be reported in the unit of measure called for on the schedule. The following table of equivalents will serve somewhat as a guide in making the necessary conversions from pounds or boxes to bushels:

Apples.....	45 pounds per bushel.
Apples.....	42 pounds per box.
Peaches.....	50 pounds per bushel.
Pears.....	56 pounds per bushel.
Plums.....	56 pounds per bushel.
Prunes.....	56 pounds per bushel.
Grapes.....	48 pounds per bushel.
Quinces.....	48 pounds per bushel.
Cherries with stems.....	56 pounds per bushel.
Cherries without stems.....	64 pounds per bushel.

Special fruits and nuts.—In the counties in which the Supplemental Schedules for Special Fruits and Nuts, "A" and "B," are to be used, enumerators are to leave this section of the General Farm Schedule blank; placing *no figures* in the spaces for answers to Questions 203 to 212, but writing across these fruit questions either the words "No fruit" or the words "See Special Schedule," as the case may be. Special care must be given to the preparation of these schedules.

The Supplemental Schedule A for Special Fruits and Nuts is to be used by enumerators in specified counties of five States, as follows:

State	County	State	County
CALIFORNIA.....	All counties.	OREGON.....	Benton. Clackamas. Douglas. Lane. Linn. Malheur. Marion. Folk. Umatilla. Union. Washington. Wasco. Yamhill.
ARIZONA.....	Maricopa. Pinal. Yuma.		
IDAHO.....	Ada. Canyon. Gem. Payette.		
WASHINGTON.....	Benton. Clark. Walla Walla. Yakima.		

The Supplemental Schedule B for Special Fruits and Nuts is to be used by enumerators in specified counties of five States, as follows:

State	County	State	County
FLORIDA.....	All counties.	MISSISSIPPI.....	George. Hancock. Harrison. Jackson. Pearl River. Stone.
ALABAMA.....	Baldwin. Covington. Escambia. Mobile.		
LOUISIANA (par-ishes).	Beauregard. Cameron. Jefferson. Plaquemines. St. Bernard. St. Tammany. Terrebonne. Vermilion. Vernon.	TEXAS.....	Bee. Brazoria. Brooks. Cameron. Galveston. Harris. Hidalgo. Jefferson. Matagorda. San Patricio. Victoria. Willacy.

Questions 213 to 218. Forest products cut on this farm for home use or for sale.—Where one or more items are reported under Questions 213 to 218, woodland should be reported under

either Question 11 or Question 13, or both, unless the woodland was cleared and made suitable for crops after the forest products were cut.

VALUE OF PRODUCTS OF THIS FARM

Section XV. Farm income.—The six Questions 221 to 226 are intended to ascertain as nearly as possible the gross income of each farm. Note particularly that gross receipts or values are desired without deduction for expenses of any kind. Income of the farmer from any source except this farm should never be included.

Many farmers do not keep books and will not be able to answer these questions as accurately as questions regarding the acreage and production of specific crops. Nevertheless they should be able to give an approximation which will enable the Bureau of the Census to classify farms in a broad way according to the amount of their income. You should insist on an estimate in every case, where exact figures are not available, even though the person who is now operating the farm and makes the report did not operate it in 1929. You should accept the estimates of the person furnishing the information unless they are obviously much too low or too high, in which case you may exercise your own judgment, after duly discussing the probable figures with your informer.

You should assure each person furnishing such information that it is strictly confidential and intended for statistical purposes only. The data will not be disclosed to any person outside the Bureau of the Census, whether to tax officials or any others.

Questions 221 to 224 call for the gross value only of products sold or traded, not including products consumed on the farm for seed, feed, family use, or any other purpose. Most of the crops of 1929 will already have been sold at the time of enumeration, but some farmers may be holding certain products for future sale (Question 221). Do not include products produced during 1928 which may have been sold in 1929.

Question 224. Value of forest products.—The value of all forest products, as called for under Question 224, should include an estimate for those to be sold. This estimate should be based on the market value.

SUPPLEMENTAL INSTRUCTIONS TO ENUMERATORS, 1930

(FARM SCHEDULES, CENSUS OF 1930)

General remarks.—These special instructions do not in any way replace any part of the Instructions to Enumerators (Form 15-100), but call special attention to some of them and give additional instructions. It is imperative that you read the entire Instructions to Enumerators before you start the canvass of farms in your district and that you carry your book of Instructions to Enumerators with you for the purpose of consulting it during your canvass.

Confidential nature of information.—The information reported on the census schedules must be kept *strictly confidential* under all circumstances, and must not be seen by anyone except sworn employees of the Census Bureau. The Census Act prescribes heavy penalties for revealing information secured for the schedules.

Farmers should be assured that information furnished on farm values, farm debt, farm taxes, etc., will be held in the strictest confidence and will not be used for purposes of taxation, that only totals for large areas will be published, and that *no information will be published which relates to an individual farm.*

Schedule for every farm.—The enumerator *must* prepare a schedule for *every farm* in his district. If a farmer reports to the enumerator that he has filled out a schedule and sent it to Washington, the enumerator must proceed to secure from him a farm schedule just as he would if the farmer had not filled out

Question 225 calls for the value of products consumed by the farm family, not for those fed to animals, used for seed or for other similar purposes. In some cases the consumption of the farm family represents a considerable fraction of the total value of farm products, and an effort should be made to avoid underestimating the value of such consumption.

TOTAL FARM LAND OWNED

Section XVII. Total farm land owned anywhere in the United States.—Question 229 must be asked of *all* farm operators (owners, part-owners, managers, and tenants). If the answer is "Yes," then Questions 230 to 232 must be answered, and if a mortgage debt is reported under Question 232, then the interest charges must be reported under Question 233. Where mortgage debt and interest charges are reported under Questions 31 and 32 they must be included under Questions 232 and 233, when additional land is reported under Question 230.

Sample farm schedule.—Sample farm schedules have been sent to a large number of farmers. They were instructed to fill them out, showing the operations on their farms for the year 1929, and to hold them until the enumerator calls. If a farmer has prepared his report on one of the sample schedules, you should *go over the report with him*, make any necessary corrections or adjustments, and *copy* the report on a General Farm Schedule (Form 15-90). The sample schedule which the farmer has filled out must be left with him. *In no instance should a report be forwarded to your supervisor on one of the "sample" forms.*

THE IRRIGATION SCHEDULES

These schedules on which are to be reported irrigation enterprises or projects that supply water to less than 5 farms will be supplied to enumerators in the 19 irrigation States. The instructions for preparing them appear on the schedules.

THE DRAINAGE SCHEDULE

The schedule on which drainage enterprises are to be reported will not be prepared by enumerators, and for this reason they will not receive this schedule.

a schedule and mailed it to Washington. Sample farm schedules were sent to many of the farmers for their information in advance of the enumeration, and they were requested to fill them out and hold them until the enumerator's visit, but *not* to send them to Washington nor to give them to the enumerator.

An enumerator must not send to his supervisor copies of the schedules which have been folded or creased in any way. Sample schedules must not be accepted by enumerators.

General method of filling out schedules.—Use *black* ink, write legibly, and make figures so they can be read at a glance. Be sure you know the proper entry and where it should be made before making it, so as to avoid erasures.

Pay no attention to code numbers on schedule and put neither figures nor writing in boxes, in sections marked "For office use only," or in any column headed "Code."

Where values are called for, *omit cents*; do *not* insert a decimal point followed by ciphers or other figures. Where no entries are required, leave the space blank; do *not* insert dashes, ciphers, or check marks.

Enumerator's record.—Number the schedules, as you visit the farms, beginning *each enumeration district* with number 1, and continuing in order *through the district.*

Enter in the proper spaces the number of the Population Schedule and the number of the line on that schedule where the

name of the farm operator is written. These figures are necessary for identification purposes.

The occupation of the farm operator as reported on the Population Schedule *must* be entered on every General Farm Schedule.

The entries in the second section of the Enumerator's Record should show, in detail, the place where the farm is located, and the name of the State, county, and township or other minor civil division. (Abbreviations will *not* be permitted.) This information is essential in order that complete statistics can be compiled for each geographic unit.

Farms in two or more counties.—When a farm is situated partly in one township or county and partly in another, it is to be enumerated as if it were all in that township or county where the operator's farm home is located. In the case of a very large farm, lying partly outside the county for which it is enumerated, note in the margin of the schedule the name of each county and township with the approximate number of acres located therein.

Farmers living in town.—The residence of a farmer who lives in town and operates a farm outside is not a part of the farm if the farmer does not keep any livestock or carry on any farm operations at his place in town. The farm should be enumerated in the township where it is located, although the farmer's residence is in another township or county.

Definition of a farm.—Master the definition of a farm as printed on the General Farm Schedule.

Small farms.—Do not report as a "farm" any tract of land of less than 3 acres, unless agricultural products to the value of \$250 or more were produced on such tract in 1929.

Market gardens, dairies, greenhouses, etc.—All such places are to be reported as farms, even though they occupy but little land, provided they produced in 1929 agricultural products to the value of \$250 or more.

Institutional farms.—The land utilized by institutions, such as schools, almshouses, insane hospitals, etc., for growing vegetables or fruits or carrying on other agricultural operations, are, for census purposes, farms.

Enumeration of plantations.—Usually a part of the land in a plantation will be operated by the owner or the manager and the remainder will be divided into small units operated by tenants or croppers. Each of these small units, for census purposes, is a farm, and a separate schedule should be filled in for each tenant and cropper on the plantation as well as for the part of the plantation operated by the owner or manager. Before enumerating a plantation, be careful to follow the instructions given in Instructions to Enumerators.

Matching up tenants and croppers renting from same landlord.—Where many tenants and croppers rent land from the same owner it is not possible to determine the actual size and organization of the entire plantation or farm unit unless the tenants and croppers comprising that unit are thrown together. To facilitate this the enumerators in these areas should be sure that the name and address of the owner (Question 22) are spelled the same way on all schedules of tenants and croppers who rent land from the same owner.

Enumerators are requested to put a string or band around all such schedules belonging to a given plantation or farm and, further, to submit a list of the names of all tenants and croppers belonging to said unit. This list of names should be attached to the landlord's schedule; or if no schedule is prepared for the plantation or farm owner because he does not directly farm any part of the land he owns, the list should be attached to one of the tenant schedules and designated as belonging to said owner.

Indian reservations and allotted Indian land.—Individual schedules are to be obtained from Indians occupying allotted lands, provided the use of the land brings it under the classification of a farm. "Allotment" may refer to allotment in fee, in

trust, or in the simple designation of a certain acreage for residence or agricultural activity of an individual Indian. An Indian having no allotment but having livestock pastured on unallotted land is to be classed as a farmer if his livestock products in 1929 were valued at \$250 or more.

Collectively developed farms.—Land controlled and developed by individuals, firms, or corporations and sold in small parcels on an installment basis should be returned as one farm in the name of the manager, if still essentially operated as a unit.

Ranches.—The census definition of a farm also includes ranches where stock raising is the primary activity. A ranch may be operated on owned land, leased land, or on open range neither owned nor leased by the operator.

Livestock on range.—A farm schedule must be obtained for each band of sheep or herd of cattle under different management which is pastured on public range or in a national forest unless you receive special instructions for enumerating nomadic sheep.

Homestead land.—Land upon which the farmer has settled under the homestead law, but has not yet proved up, should be reported as owned land.

Abandoned farms.—No schedules are to be secured for abandoned farms; that is for farms which were not operated in 1929 and which do not seem likely to be operated in 1930. Farm land is considered as being "operated" not only when cultivated crops are raised on it, but also when it is used for pasture or when hay is cut from it by the owner or by a person who has hired the land.

While no schedules are to be secured for abandoned farms, the enumerator should keep a record of the number of such farms that come to his attention, so that he can report this number to his supervisor when he has finished the district.

The enumerator will occasionally find a farm which was left idle during 1929 for some reason but which will be operated again in 1930. For such a farm he should secure a schedule showing information concerning the farm operator and the acreage, value, and other inventory items, writing across the crop section "Not operated in 1929, but will be operated in 1930."

Feed lots.—Any establishment or inclosure used for feeding livestock which is being fed in order to *increase the weight or improve the condition of the animals*, regardless of whether there are other farm operations conducted or not, should be reported as a farm. This would not, of course, include animals kept in stockyards or shipping pens simply awaiting a convenient time for shipment.

Farm operator.—The term "farm operator" means the person who directly works a farm as owner, hired manager, tenant, or cropper, conducting agricultural operations by his own labor or with the assistance of his family or hired employees.

Distinction between farm and factory operations.—Plants used in the manufacture of butter, cheese, cider, or other products, when conducted as a part of the farm business and for the purpose of disposing of the raw materials produced on the farm, should be included with the farm equipment. If they are operated as independent manufacturing enterprises they are to be covered by the census of manufactures and are not to be included in the census of agriculture.

Cane sirup or sorghum mill.—Do not report the value of such a mill on the General Farm Schedule, if it is used on farms other than the one on which it is located, or if it crushes cane or sorghum grown on farms other than the one on which the mill is located. If used only on the farm where located, and the operations are confined to the treatment of the cane or sorghum grown on the farm, include its value in the farm report.

Canning factories.—Do not report on the General Farm Schedule factories canning fruits, vegetables, or other products. In reporting the value of fruits, vegetables, etc., grown on the

farm and canned in such factories, give their value at time of delivery to factory and *not their value after canning*.

Period to which items in schedule relate.—All inventory items relate to April 1, 1930, and all production items are for the calendar year 1929. The farm must always be reported in the name of the person operating it on April 1, 1930.

Acres in farm.—The total land in a farm (Question 6) should include all farm land, whether owned, rented from other persons, or managed for another, but *should not* include any farm land *rented to* other persons, or managed by another. The sum of Questions 7 to 14 inclusive must equal the answer to Question 6.

Changes in size of farms.—If two or more tracts of land operated as separate farms in 1929 have been combined under the operation of one person on April 1, 1930, only *one* schedule should be secured. If a tract of land operated as one farm in 1929 is found to be under the operation of two or more persons, each operating a part of it as a separate farm on April 1, 1930, *two or more* schedules should be obtained, one for each operator.

Idle crop land.—Crop land lying idle means land that has been cropped in recent years but was not used for crops or pasture in 1929.

Rotation pasture.—The term "Rotation pasture" means land now being used for pasture which is handled in a more or less definite and prescribed sequence of cropping.

Terraced land.—The term "Terraced land" means the land on which the slope or grade has been reduced or leveled at varying points or intervals, in order to prevent erosion or to conserve both moisture and fertility.

Part owners.—Farmers who own only a part of the land they operate should report the *mortgage debt and taxes only for the farm property they own*.

Expenditures for electric light and power.—Include the amount paid to an individual for electricity as well as that paid to a company.

Cooperative sales.—In the case of certain products, notably tobacco, it is the custom of some of the cooperative organizations to hold the product over a considerable period before selling it or making returns to the farmer. In cases of this kind, where the farmer has not received the returns for his product, he should report the value of the tobacco or other product harvested in 1929 and delivered during the year to the association, estimating the value, if necessary, on the basis of current prices.

"Horse colts."—The term "Horse colts" as used in Questions 56, 57, and 58, refers to colts of both sexes (horse and filly colts); this term was used in the schedule to differentiate between *horse colts and mule colts*.

Baby chicks sold.—If baby chicks are sold, the amount received from the sale should be included in the answer to Question 223. No other entry for them is to be made on the schedule. In case of a baby chick hatchery write on the margin under Question 223: "Baby chicks" or "Includes baby chicks" as the case may be.

Apiaries (bee farms).—An apiary located in a town or village should be considered a farm if it produced honey valued at \$250 or more in 1929. Where hives of bees are located on a farm, and are owned by the farm operator, the number of hives and the quantity of honey produced (Questions 120 and 121) must be reported on the schedule for such operator. If, however, a beekeeper distributes his hives on farms or in waste places, the hives and quantity of honey produced *must* be reported on the farm schedule for the beekeeper, and *not* on the schedules for farms or places where the hives may be located.

Grain sorghum crops.—Under these crops include Higeria or any other varieties of grain sorghum found growing in particular districts, although not in the names of sorghums printed above Question 131.

Sugar crops.—All sugar cane cut for *sirup* should be reported under Question 134, and must be excluded from Question 135.

Question 135 covers sugar cane cut for *sugar only or for sale to mills*. The acres and quantity of *sugar cane cut for seed must not be reported on the schedule*.

Annual legumes.—Report the acreage of legumes grown for all purposes, including hay, under Questions 150 to 155, except that which was not harvested but turned under as green manure, which should be reported under Question 9 only. The acreage which was grown for hay, included under these questions, must also be reported under Question 161.

Small grains hogged off.—Small grains raised to maturity and then hogged or grazed off by any kind of livestock should be reported under Question 172, since they do not properly belong under Questions 138 to 146 (except Question 144), which call for grain cut and threshed, nor under Question 149, which calls for small grains cut for hay, nor under Question 10, which calls for land used for pasture.

Sale of crops in 1929.—Report under Questions 173 to 180 the quantity of the crops raised in 1929 which have been sold or are to be sold. Do *not* include under these questions any products raised in 1928, even though they may have been sold in 1929.

Mushrooms.—The amount received from the sale of mushrooms which were harvested in 1929 should be reported under Question 220, as the growing of mushrooms is more nearly allied to growing vegetables in greenhouses than to their growth in open fields.

Movement of farm population.—Do not include under Questions 227 and 228 persons who have moved to the farm from farms located in cities, villages, or other incorporated places. The object of these questions is to obtain information on the migration of people between farm and nonfarm places of residence and not from one farm to another.

Total farm land owned and mortgage status.—Plantation owners operating only a part of their plantations, the remainder of which is operated by tenants, should answer "Yes" under Question 229, and should report under Questions 230 to 233 the total number of acres *owned*, the total value of farm land and farm buildings *owned*, and the total amount of mortgage debt, *if any*, with interest charged on same. If they own other farm land not included in the plantation, the acreage, values, etc., should also be included with that reported for the plantation. Likewise, all other farmers who rent to others part of the farm land which they own should report under these questions for *all* of the farm land owned by them.

Animal-specialty farms.—When an animal specialty farm is enumerated, the enumerator is requested to write at the head of Section XII of the General Farm Schedule the kind of animal specialty farm, as "Feed lot," "Show herd," etc. Included in such farms will be feed lots, show herds, horse-breeding farms (saddle, race, and trotting horses, polo pony, etc.), racing stables and the like.

Irrigated land.—In the 19 States listed, all land that is irrigated is to be designated by drawing a circle around the question number. This applies to crops reported under Questions 126 to 172 and 184 to 202, and also to land in fruit orchards, vineyards, and planted nut trees (Question 203), and to pasture land (Question 10). Also circle 204-212, if irrigated.

The tables which follow are designed to enable the enumerator to see at a glance—

a. The total number of days of labor to be reported under Question 39, when given the number of persons employed and number of weeks they worked.

b. The number of acres of land in fruit orchards, vineyards, or planted nut trees to be reported under Question 203, when given the number of trees or vines and the distance apart; also the number of trees or vines to be reported under Questions 204 to 212, when given the acreage and distance apart. In both cases allowances will be necessary where there are many trees missing from the rows.

c. The conversion of pounds and tons to bushels, for fresh fruit weighing 48 pounds per bushel.

d. The total weight, when given the number of containers and weight of each.

e. The total number of pounds of fresh fruit, when given the weight of the fruit after drying.

f. The conversion ratios for standard containers for principal fruits grown in California and certain counties in Arizona, Idaho, Washington, and Oregon where the supplemental schedule "A" is used.

Enumerators should study these tables in advance, so that they may be familiar with their contents and meaning, and be able quickly to make such calculations as may be required when securing the information for the schedule.

CONVERSION TABLES

(Question 39, NUMBER OF DAYS OF FARM WORK DONE IN 1929 BY HIRED LABORERS)

For purposes of estimating the total number of days of farm work done by hired laborers of all ages, where accurate records are not available on the farm operator's account books, the following simple conversion table is suggested, based on either weeks or months.

TABLE FOR ESTIMATE IN WEEKS

(52 weeks of 6 working days each equal 312 days or 1 year)

Number of weeks...	1	2	3	4	5	6	7	8	9	10
Equivalent number days' work done by—										
1 laborer.....	6	12	18	24	30	36	42	48	54	60
2 laborers.....	12	24	36	48	60	72	84	96	108	120
3 laborers.....	18	36	54	72	90	108	126	144	162	180
4 laborers.....	24	48	72	96	120	144	168	192	216	240
5 laborers.....	30	60	90	120	150	180	210	240	270	300
6 laborers.....	36	72	108	144	180	216	252	288	324	360
7 laborers.....	42	84	126	168	210	252	294	336	378	420
8 laborers.....	48	96	144	192	240	288	336	384	432	480
9 laborers.....	54	108	162	216	270	324	378	432	486	540
10 laborers.....	60	120	180	240	300	360	420	480	540	600

TABLE FOR ESTIMATE IN MONTHS

(12 months averaging 26 working days equal 312 days or 1 year)

Number of months.....	1	2	3	4	5	6
Equivalent number days' work done by—						
1 laborer.....	26	52	78	104	130	156
2 laborers.....	52	104	156	208	260	312
3 laborers.....	78	156	234	312	390	468
4 laborers.....	104	208	312	416	520	624
5 laborers.....	130	260	390	520	650	780
6 laborers.....	156	312	468	624	780	936
7 laborers.....	182	364	546	728	910	1,092
8 laborers.....	208	416	624	832	1,040	1,248
9 laborers.....	234	468	702	936	1,170	1,404
10 laborers.....	260	520	780	1,040	1,300	1,560

Number of months.....	7	8	9	10	11	12
Equivalent number days' work done by—						
1 laborer.....	182	208	234	260	286	312
2 laborers.....	364	416	468	520	572	624
3 laborers.....	546	624	702	780	858	936
4 laborers.....	728	832	936	1,040	1,144	1,248
5 laborers.....	910	1,040	1,170	1,300	1,430	1,560
6 laborers.....	1,092	1,248	1,404	1,560	1,716	1,872
7 laborers.....	1,274	1,456	1,638	1,820	2,002	2,184
8 laborers.....	1,456	1,664	1,872	2,080	2,288	2,496
9 laborers.....	1,638	1,872	2,106	2,340	2,574	2,808
10 laborers.....	1,820	2,080	2,340	2,600	2,860	3,120

CONVERSION TABLE—TREES OR VINES TO ACRES

(Number of trees or vines per acre according to planting distance for either square or alternate method)

Distance apart (feet)	Number of trees per acre	Distance apart (feet)	Number of trees per acre	Distance apart (feet)	Number of trees per acre	Distance apart (feet)	Number of trees per acre
8 x 4.....	1,361	9 x 9.....	537	15 x 15.....	199	27 x 27.....	59
8 x 5.....	1,089	9 x 10.....	484	16 x 16.....	170	28 x 28.....	56
8 x 6.....	907	10 x 4.....	1,089	17 x 17.....	151	29 x 29.....	52
8 x 7.....	777	10 x 5.....	871	18 x 18.....	134	30 x 30.....	48
8 x 8.....	680	10 x 6.....	726	19 x 19.....	121	33 x 33.....	40
8 x 9.....	605	10 x 7.....	622	20 x 20.....	108	35 x 35.....	35
8 x 10.....	544	10 x 8.....	544	21 x 21.....	99	40 x 40.....	27
9 x 4.....	1,210	10 x 9.....	484	22 x 22.....	90	45 x 45.....	22
9 x 5.....	968	10 x 10.....	435	23 x 23.....	82	50 x 50.....	17
9 x 6.....	806	12 x 12.....	302	24 x 24.....	75	60 x 60.....	24
9 x 7.....	691	13 x 13.....	258	25 x 25.....	70	55 x 55.....	14
9 x 8.....	605	14 x 14.....	222	26 x 26.....	64	66 x 66.....	12

Sample formula: $43,560 \div 144 (12 \times 12) = 302$, computed by dividing the number of square feet in an acre (43,560) by the product of the two distances in feet.

The number of trees per acre under other methods of planting known as triangle, hexagonal, and quincunx are as follows:

NUMBER OF TREES OR VINES PER ACRE

PLANTING DISTANCE IN FEET	Triangle	Hexagonal	Quincunx
10 x 10.....	396	501	831
12 x 12.....	275	348	523
15 x 10.....	264	---	---
15 x 15.....	175	217	347
20 x 15.....	132	---	---
18 x 18.....	122	142	247
20 x 20.....	96	126	199
25 x 20.....	79	---	---
25 x 25.....	64	81	126
30 x 30.....	44	55	83
35 x 35.....	33	41	65

CONVERSION TABLE—FRUIT WEIGHTS TO BUSHELS

The following table shows equivalents in bushels for fresh fruits reported in pounds or tons (48 pounds per bushel or 41.667 bushels to the ton):

POUNDS		TONS (OF 2,000 POUNDS)	
Number	Equivalent bushels	Number	Equivalent bushels
100	2.083	1	41.667
200	4.166	2	83.333
300	6.249	3	125.000
400	8.333	4	166.667
500	10.417	5	208.333
600	12.500	6	250.000
700	14.583	7	291.667
800	16.667	8	333.333
900	18.750	9	375.000
1,000	20.833	10	416.667

REFERENCE CONVERSION TABLE FOR WEIGHTS

(Fresh fruit in containers, see table conversion ratio for standard containers, for California and selected counties on this page)

Number of containers	10	20	30	40	50	60	70	80	90
Net weight of fruit in pounds:									
8	80	160	240	320	400	480	560	640	720
11	110	220	330	440	550	660	770	880	990
12	120	240	360	480	600	720	840	960	1,080
16	160	320	480	640	800	960	1,120	1,280	1,440
18	180	360	540	720	900	1,080	1,260	1,440	1,620
19	190	380	570	760	950	1,140	1,330	1,520	1,710
21	210	420	630	840	1,050	1,260	1,470	1,680	1,890
22	220	440	660	880	1,100	1,320	1,540	1,760	1,980
24	240	480	720	960	1,200	1,440	1,680	1,920	2,160
25	250	500	750	1,000	1,250	1,500	1,750	2,000	2,250
26	260	520	780	1,040	1,300	1,560	1,820	2,080	2,340
28	280	560	840	1,120	1,400	1,680	1,960	2,240	2,520
32	320	640	960	1,280	1,600	1,920	2,240	2,560	2,880
42	420	840	1,260	1,680	2,100	2,520	2,940	3,360	3,780
45	450	900	1,350	1,800	2,250	2,700	3,150	3,600	4,050
60	600	1,200	1,800	2,400	3,000	3,600	4,200	4,800	5,400
70	700	1,400	2,100	2,800	3,500	4,200	4,900	5,600	6,300
75	750	1,500	2,250	3,000	3,750	4,500	5,250	6,000	6,750
82	820	1,640	2,460	3,280	4,100	4,920	5,740	6,560	7,380

CONVERSION TABLE—DRIED FRUIT TO FRESH FRUIT EQUIVALENTS

(When reported either in pounds or tons)

Dry weight (pounds)	1	10	20	30	40	50	60	70	80	90
Equivalent in pounds fresh fruit:										
Prunes	2.5	25	50	75	100	125	150	175	200	225
Figs	3.0	30	60	90	120	150	180	210	240	270
Grapes (raisin)	4.0	40	80	120	160	200	240	280	320	360
Berries	5.0	50	100	150	200	250	300	350	400	450
Apricots, peaches, or pears	5.5	55	110	165	220	275	330	385	440	495
Apples	7.0	70	140	210	280	350	420	490	560	630

When dried fruit estimate is given in tons, either convert into pounds by multiplying amount by 2,000, or use the following table of fresh fruit equivalents in pounds:

POUNDS OF FRESH FRUIT EQUAL TO ONE TON OF DRIED FRUIT

	Pounds
Prunes	5,000
Figs	6,000
Grapes (raisin)	8,000
Berries	10,000
Apricots, peaches, or pears	11,000
Apples	14,000

Supplemental Schedule A, Special Fruits and Nuts, on which are to be reported certain fruits and nuts grown in California and specified counties in Arizona, Idaho, Oregon, and Washington. The schedule calls for such products to be reported in tons, boxes, or pounds.

If the grower's record for any product is in a unit of measure other than that printed on the schedule for that product, the quantity shown on the grower's record can readily be converted to the unit printed on the schedule by using the proper conversion figure selected from one of the tables.

Supplemental Schedule A is to be used only in the following States and counties:

State	County	State	County
CALIFORNIA	All counties.	OREGON	Benton, Clackamas, Douglas, Lane, Linn, Malheur, Marion, Folk, Umatilla, Union, Washington, Wasco, Yamhill.
ARIZONA	Maricopa, Pinal, Yuma.		
IDAHO	Ada, Canyon, Gem, Payette.		
WASHINGTON	Benton, Clark, Walla Walla, Yakima.		

CONVERSION RATIOS FOR STANDARD CONTAINERS FOR PRINCIPAL FRUITS GROWN IN CALIFORNIA AND COUNTIES NAMED IN PRECEDING TABLE

(To convert to pounds or tons of net fruit contents)

FRUIT AND PACKAGE	Approximate net weight of contents	Number of packages equal 1 ton of fruit	Number of packages equal to 1,000 pounds fruit	Usual number per carload
APRICOTS				
Standard Crate	(Lbs.) 22	90.90	45.45	1,000-1,050
Standard Lug	21	95.23	45.11	960-1,008
California Lug	25	80.00	40.00	910-1,008
CHERRIES				
Standard 12 Basket Crate	11	181.81	90.90	1,333 (Exp.)
Standard Cherry Box (flat)	8	250.00	125.00	1,818 (Exp.)
Special Cherry Box (Lambert Lug)	12	166.66	83.33	1,333 (Exp.)
Standard Box (peach box)	19	105.26	52.63	1,211
Standard Lug (California)	26	76.92	38.46	1,600
PEACHES				
Standard Crate	22	90.90	45.45	1,000-1,050
Standard Peach Box	18	111.11	55.55	1,211
Standard Lug	26	76.92	38.46	910-1,008
PEARS				
Standard Crate or Half Box	22	90.90	45.45	1,000-1,050
Standard Pear Box	45	44.44	22.22	520-536
Standard Lug	26	76.92	38.46	960-1,008
PLUMS				
Standard Crate (4-4 3/4 x 16 x 17 1/2)	22	90.90	45.45	1,000-1,050
Standard Crate (5 x 16 x 17 1/2)	26	76.92	38.46	910-1,008
Standard Box (peach box)	18	111.11	55.55	1,211
Standard Lug	25	80.00	40.00	960-1,008
APPLES				
Standard Apple Box	42	47.61	23.80	750
Standard Half Box	22	90.90	45.45	1,000-1,050
GRAPES				
Standard Crate	28	71.42	35.71	900
Standard Lug (No. 1) (Sanger or California Lug)	25	80.00	40.00	910-1,008
Standard Lug (No. 2)	24	83.33	41.66	875-910
Standard Lug (No. 3)	22	90.90	45.45	
Special Sawdust Lug	22	90.90	45.45	875-910
Standard Drum or Keg	32	62.50	31.25	600-752
FIGS				
Wooden Box (fresh)	16	125.00	62.50	1,200
CITRUS FRUITS				
Grapefruit Box (California and Arizona)	60	33.33	16.66	400
Elsewhere in United States	82	24.40	12.20	400
California Lemon Box	75	26.67	13.33	400
Orange Box (California and Arizona)	70	28.60	14.30	400
Elsewhere in United States	82	24.40	12.20	400

FARM SCHEDULES CENSUSES, 1930, 1925, AND 1920

GENERAL FARM SCHEDULE, 1930

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ENUMERATOR'S RECORD

Number of farm in order of visitation..... Sheet and line on Population Schedule on which name of farm operator is written..... Sheet No. _____ Line No. _____ Occupation reported for the operator of this farm on the Population Schedule..... <input type="checkbox"/> <small>CODE B-10</small> Enumerated by me on....., 1930. _____, Enumerator.	State..... County..... Supervisor's District No. Enumeration District No. Township or other division of county..... <small>(Insert proper name and also class, as township, town, precinct, district, etc.)</small> If farm is inside any incorporated place give name..... <small>(Insert proper name and also class, as city, village, town, or borough)</small>
---	---

X.—FARM MACHINERY AND FACILITIES, APRIL 1, 1930

How many of the following are there on this farm?

	Number	CODE		Number
43. Automobiles.....		F-1	46. Electric motors for farm work.....	
44. Motor trucks.....		F-2	47. Stationary gas engines.....	
45. Tractors.....		F-3	48. Combines.....	
49. Has this farm a telephone?.....		F-7		
50. Is water piped into the farmer's dwelling house?.....		F-8		
51. Is water also piped into a bathroom?.....		F-9		
52. Is the farmer's dwelling house lighted by electricity?.....		F-10		
53. What kind of road adjoins this farm?.....		F-11		

XI.—COOPERATION IN MARKETING AND PURCHASING IN 1929

54. Value of products of this farm sold in 1929 to or through a farmers' cooperative marketing organization..... \$.....	<small>(Omit cents)</small>
55. Value of farm supplies purchased in 1929 for this farm from or through a farmers' cooperative organization... \$.....	<small>(Omit cents)</small>

XII.—DOMESTIC ANIMALS, POULTRY, AND BEES ON THIS FARM, APRIL 1, 1930; AND ANIMAL PRODUCTS IN 1929

NOTE.—Include all animals on this farm, whether belonging to the farm operator or not, also any animals belonging to this farm but grazing in national forests, or on open range.

Horses and mules, April 1, 1930:

56. Horse colts born since January 1, 1930.....	Number.....
57. Horse colts born in 1929 (yearlings).....	Number.....
58. Horse colts born in 1928 (2-year olds).....	Number.....
59. Horses born before 1928.....	Number.....
60. Mule colts born since January 1, 1930.....	Number.....
61. Mule colts born in 1929 (yearlings).....	Number.....
62. Mule colts born in 1928 (2-year olds).....	Number.....
63. Mules born before 1928.....	Number.....
64. Asses and burros (all ages), April 1, 1930.....	Number.....

Hogs and pigs, April 1, 1930:

65. Pigs born since January 1, 1930.....	Number.....
66. Sows and gilts that have farrowed since January 1, or will farrow before June 1, 1930.....	Number.....
67. Other hogs and pigs born before January 1, 1930.....	Number.....
68. Lambs born since October 1, 1929.....	Number.....
69. Rams and wethers born before October 1, 1929.....	Number.....
70. Yearling ewes born between October 1, 1928, and October 1, 1929.....	Number.....
71. Ewes born before October 1, 1928.....	Number.....

72. Sheep and lambs shorn in 1929.....

Report the number of sheep and lambs shorn and not the number of fleeces. If shorn twice, write "shorn twice."

73. Total wool shorn in 1929 (unwashed).....	Pounds.....
--	-------------

	CODE	
Cattle, April 1, 1930:		
74. Calves born since January 1, 1930.....	Number.....	<small>CODE G-1</small>
75. Steers and bulls born in 1929 (yearlings).....	Number.....	2
76. Heifers born in 1929 (yearlings).....	Number.....	3
77. Bulls born before 1929.....	Number.....	4
78. Steers born in 1928 (2-year olds).....	Number.....	5
79. Steers born before 1928.....	Number.....	6
80. Heifers born in 1928, being kept mainly for milk cows (2-year olds).....	Number.....	7
81. Heifers born in 1928, being kept mainly for beef cows or beef production (2-year olds).....	Number.....	8
82. Cows and heifers born before 1928, kept mainly for milk production.....	Number.....	J-1
83. Cows and heifers born before 1928, kept mainly for beef production.....	Number.....	J-2
Cows milked and milk and butter produced on this farm in 1929:		
84. Total number of cows and heifers (both beef and dairy) milked during all or any part of 1929.....	Number.....	J-3
85. Of the cows and heifers milked, how many were mainly of beef or of dual-purpose breeding?.....	Number.....	J-4
86. Milk produced in 1929 (8.6 lbs. equal 1 gal.).....	Gallons.....	J-5
<small>Report all milk produced, whether consumed, sold, fed to stock, or otherwise disposed of. This quantity must be sufficient to cover products reported under Questions 87 to 90.</small>		
87. Butter churned in 1929.....	Pounds.....	K-2
Dairy products sold in 1929:		
	Quantity sold in 1929	Received from sales in 1929
88. Milk sold as whole milk.....	Gals.....	\$..... <small>(Omit cents)</small>
89. Cream sold as butterfat.....	Lbs. (Butterfat).....	\$..... <small>(Omit cents)</small>
90. Cream sold not as butterfat.....	Gals.....	\$..... <small>(Omit cents)</small>
91. Butter sold (churned on this farm)....	Lbs.....	\$..... <small>(Omit cents)</small>
92. Number of cows and heifers that are being milked daily at present time.....	Number.....	J-6
93. Daily production of milk at present time.....	Gallons.....	J-7
Goats and kids, April 1, 1930, and mohair clipped in 1929:		
94. Angora goats and kids (all ages).....	Number.....	H-2
95. Other goats and kids (all ages).....	Number.....	2
96. Angora goats and kids clipped in 1929.....	Number.....	3
<small>Report the number of goats and kids clipped and not the number of fleeces. If clipped twice, write "Clipped twice."</small>		
97. Mohair and kid hair clipped in 1929 (unwashed)....	Pounds.....	H-1
Registered pure-bred animals, April 1, 1930:		
<small>NOTE.—Report only registered animals. Include these animals also under Questions 98 to 103.</small>		
98. Registered mares and mare colts.....	Breed.....	<small>CODE Office use only</small>
99. Registered stallions and stallion colts.....		Number.....
100. Registered hogs and pigs.....		L-1 L-2 L-3 L-4
101. Registered sheep and lambs.....		L-1 L-2 L-3 L-4
102. Registered cows, heifers, and heifer calves.....		L-1 L-2
103. Registered bulls and bull calves.....		L-1 L-2

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Purchases, sales, and slaughter of live-stock, and sales of hides and skins in 1929:	Live animals purchased	Live animals sold	Animals slaughtered on this farm for home use or for sale	Hides and skins sold from this farm	CODE	Sugar crops: NOTE.—Report sweet sorghum harvested for sirup under Question 133.	Acres harvested in 1929	Quantity harvested in 1929	CODE	
	Number	Number	Number	Number						
104. Horses and colts.....			X X X		G-4 1, 2, 3	134. Sugar cane (not sorghum) cut for sirup (include both thick and slender stalk varieties grown from stalks, cuttings, or stubble)..... If less than 1 acre, report in fractions, as 1/2, 1/4, etc.		Gals..... (Sirup)	P-02	
105. Mules and mule colts.....			X X X		4, 5, 6 X, X	135. Sugar cane cut for sugar or for sale to mills.....		Tons..... (Cane)	P-03	
106. Calves under 1 year old.....					G-5 1, 2, 3, 4	136. Sugar beets harvested for sugar.....		Tons.....	P-04	
107. Cattle (excluding calves).....					5, 6, 7, 8 G-6	137. Maple sirup and sugar made in 1929.....	Gals..... (Sirup)	Lbs..... (Sugar)	N-2 1, 2 X, X, X	
108. Sheep and lambs.....					1, 2, 3, 4 G-6	Small grains: NOTE.—Where flax and wheat were grown together, report one-half of the acreage under each crop.	Acres harvested in 1929	Quantity harvested in 1929		
109. Hogs and pigs.....				X X X	5, 6, 7, 8 X, X, X	138. Flax threshed for grain.....		Bu.....	P-05	
Chickens and chicken eggs on this farm:										
110. Chickens over 3 months old, April 1, 1930.....	Number.....				M-1	139. Winter wheat (fall sown) cut for grain and threshed.....		Bu.....	P-06	
111. Chicken eggs produced in 1929 whether sold, used, incubated, or otherwise disposed of.....	Dozens.....				M-2	140. Durum or macaroni wheat (spring sown) cut for grain and threshed.....		Bu.....	P-07	
112. Chicken eggs sold in 1929.....	Dozens.....				M-3	141. Other spring wheat (spring sown) cut for grain and threshed.....		Bu.....	P-08	
113. Daily production of chicken eggs on this farm at present time.....	Number.....				M-4 (Not dozens)	142. Other mixed grains not separated in harvesting (wheat and oats, oats and barley, etc.).....		Bu.....	P-09	
114. Chickens raised in 1929, whether sold, consumed, or on hand (include baby chicks bought and raised, but none that were sold as baby chicks).....	Number.....				M-5	143. Oats cut for grain and threshed (unmixed with other crops).....		Bu.....	P-10	
115. Chickens sold alive or dressed in 1929 (omit any sold as baby chicks).....	Number.....				M-6	144. Oats cut for grain when ripe or nearly ripe and fed unthreshed (omit oats cut for hay).....		X X X	P-11	
116. Baby chicks bought in 1929.....	Number.....				M-7	145. Barley cut for grain and threshed.....		Bu.....	P-12	
Other poultry raised on this farm in 1929:										
117. Geese raised.....	Number.....				G-7 1	146. Rye cut for grain and threshed.....		Bu.....	P-13	
118. Ducks raised.....	Number.....				2	147. Buckwheat cut for grain and threshed.....		Bu.....	P-14	
119. Turkeys raised.....	Number.....				3	148. Rice (rough or paddy).....		Bu.....	P-15	
Bees, April 1, 1930, and honey produced in 1929:										
120. Hives of bees owned by you on this farm or elsewhere.....	Number.....				4	149. Small grains cut for hay (wheat, oats, barley, and rye). (Omit oats reported under Question 144).....		Tons.....	P-16	
121. Honey produced in 1929.....	Pounds.....				5 X, X, X					
XIII.—IRRIGATED CROPS ON THIS FARM IN 1929 Report in 19 States only—See Instructions										
122. Were all of the crops harvested on this farm in 1929 grown on irrigated land?.....					(Yes or No)	Annual legumes: NOTE.—Where grown with corn or other crops, report total acreage of mixture. Include the acreage saved for hay, which should also be reported under Question 161.	Acres grown alone in 1929	Acres grown with corn or other crops in 1929	Quantity gathered in 1929	
123. Were any of the crops harvested on this farm in 1929 grown on irrigated land?.....					(Yes or No)	150. Peanuts for all purposes.....			Bu..... R-1 1, 2, 3	
124. Total acreage in irrigated crops harvested in 1929.....	Acres.....					151. Soy beans for all purposes.....			Bu..... R-2 1, 2, 3	
125. Irrigation enterprise supplying water:	Name.....					152. Cowpeas for all purposes.....			Bu..... R-3 1, 2, 3	
	Address.....					153. Velvet beans for all purposes.....			Bu..... R-4 1, 2, 3	
Notes: Draw a circle around the question number of each crop grown on irrigated land. If any crop was grown partly on irrigated and partly on dry land, mark the irrigated crop as directed above and write in above those entries the number of the question, the acreage, and the quantity of the crop grown on dry land.										
XIV.—CROPS HARVESTED ON THIS FARM IN 1929										
Corn (omit sweet corn, pop corn, "Egyptian corn," Kafir, and "milo maize"):										
NOTE.—Always report the quantity of corn harvested in bushels of shelled corn of 56 lbs. each. Where grown with other crops, report total acreage of mixture.										
126. Total acreage of corn for all purposes.....	Acres harvested in 1929		Quantity harvested in 1929			154. Canada, marrowfat, Scotch, and other ripe field peas (omit cowpeas).....			Bu..... R-5 1, 2, 3	
127. Corn snapped or husked for grain.....			Bu.....		O-1	155. Navy, pinto, kidney, Lima, and other ripe field beans (omit soy, velvet, green Lima, and snap or string beans).....			Bu..... R-6 1, 2, 3	
128. Whole plant hogged or grazed off by livestock.....			X X X		O-2, 3	Hay crops and sweet clover pasture on this farm: NOTE.—Omit grain hay reported under Question 149.				
129. Corn cut for silage.....			Tons.....		O-4	156. Alfalfa cut for hay.....			Tons..... P-17	
130. Whole plant cut for green or dry fodder and not husked or snapped.....			X X X		O-5, 6	157. Timothy or timothy and clover mixed cut for hay.....			Tons..... P-18	
NOTE.—The sum of the acres reported under Questions 127 to 130 must equal the answer to Question 126.										
Sorghums (Kafir, milo, feterita, durra, "Egyptian corn," sweetsorghum, "cane"):										
131. Sorghums harvested for grain, either threshed or fed in the head after cutting from stalk (1 ton of heads equals 25 bushels of grain).....			Bu.....		O-7	158. Red, alsike, and mammoth clovers cut for hay.....			Tons..... P-19	
132. All sorghums cut for silage, hay, or fodder (heads not cut off or threshed).....			Tons.....			159. Sweet clover, crimson clover, and Japan clover (Lespedeza) cut for hay.....			Tons..... P-20	
133. Sweet sorghum or sorgo harvested for sirup (omit cane grown from stalks or cuttings)..... If less than 1 acre, report in fractions, as 1/2, 1/4, etc.			Gals..... (Sirup)			160. Sweet clover for pasture (no hay cut in 1929).....		X X X	P-21	
Grass seeds harvested on this farm:										
134. Clover seed of all kinds.....			Bu.....		N-1 1, 2	161. Annual legumes saved for hay (soy beans, cowpeas, peanuts, velvet beans, Canada peas, and vetches).....			Tons..... P-22	
135. Alfalfa seed.....			Bu.....		3, 4 X, X	162. Other tame or cultivated grasses cut for hay (include all varieties not specified above, and also grasses cut in old meadows; omit grain hay).....			Tons..... P-23	
136. Timothy seed.....			Bu.....		P-01	163. Wild, salt, or prairie grasses cut for hay on this farm.....			Tons..... P-24	

GENERAL FARM SCHEDULE, 1930

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Miscellaneous crops:			Acres or fraction of an acre harvested in 1929	Quantity harvested in 1929	CODE	Orchard fruits, nuts, and grapes:				CODE
Note.—If less than 1 acre, report in fractions, as 1/4, 1/2, etc.						Note: { In certain Pacific and Southern counties, a special schedule for fruits and nuts is to be used; when used do not answer Questions 203 to 212 on this schedule. See Instructions.				
167. Irish or white potatoes (whether grown for home use or for sale)	Bu.	P-28				203. Land in fruit orchards, vineyards, and planted nut trees, April 1, 1930 (omit nurseries)	Acres.			P-32
168. Cotton (if sold in the seed, estimate bales of lint)	Bales	S-1,2				If less than 1 acre, report in fractions, as 1/2, 1/4, etc.				
169. Cottonseed (after lint has been ginned out)	Tons	S-3	X X X			Note.—Omit nursery stock.				
170. Tobacco	Lbs.	P-29				NUMBER OF TREES OR VINES, APRIL 1, 1930	Quantity harvested in 1929 (Report on fresh basis)	Quantity of 1929 crop sold or to be sold (Report on fresh basis)		
171. Sweet potatoes and yams (whether grown for home use or for sale)	Bu.	P-30				Not of bearing size	Of bearing size			
172. Other field crops not already reported (do not include vegetables or fruits):						204. Apples	Bu.	Bu.	R-7	
(Give name)						205. Peaches	Bu.	Bu.	R-8	
Report broom corn, spelt, hemp, hops, pop corn, roots, kale, grass seeds, etc.						206. Pears (omit avocados and prickly pears)	Bu.	Bu.	R-9	
						207. Plums and prunes	Bu.	Bu.	R-10	
						208. Cherries	Bu.	Bu.	R-11	
						209. Figs	Lbs.	Lbs.	R-12	
						210. Pecans (cultivated or wild)	Lbs.	Lbs.	R-13	
						211. Grapes	Lbs.	Lbs.	R-14	
						212. Other fruits and nuts:				
						(Give name. Report quinces, apricots, oranges, etc.)				
Crops of 1929 sold or to be sold:				Quantity sold or to be sold		Forest products cut on this farm in 1929 for home use or for sale:				
173. Hay	Tons	N-3				213. Sawlogs and veneer logs	Thousands of board feet			N-7
174. Corn	Bu.	2				214. Firewood (in cords measuring 4 by 4 by 8 feet)	Cords			2
175. Wheat	Bu.	3				215. Pulp wood	Cords			3
176. Oats	Bu.	4, X, X				216. Fence posts	Number			4
177. Barley	Bu.	N-4				217. Railroad ties	Number			5
178. Irish or white potatoes	Bu.	1				218. Poles or piling	Number			6
179. Peanuts	Bu.	3				Nurseries, greenhouses, hotheuses, etc.:				
180. Sweet potatoes and yams	Bu.	4, X, X				219. Trees, plants, vines, etc., in nurseries, flower and vegetable seeds, and bulbs	Received from sales in 1929			N-8
Crops planted or to be planted for harvest in 1930:				Acres for harvest in 1930		220. Flowers, plants and vegetables grown under glass, and flowers grown in the open	(Omit cents)			2
181. Corn		N-5				XV.—VALUE OF PRODUCTS OF THIS FARM				
182. Spring wheat		1				221. Value of grains, cotton, tobacco, hay, vegetables, fruits, plants, flowers, and all other crops grown in 1929, which were or are to be sold or traded	\$			T-1
183. Winter wheat		2				222. Value of livestock sold or traded in 1929	\$			T-2
		3				223. Value of milk, cream, butter, butterfat, meat, poultry, eggs, honey, wool, mohair, and other livestock products sold or traded in 1929	\$			T-3
		4, X, X				224. Value of forest products sold in 1929 (include value of items 213-218 sold, and also bark, turpentine, gum, etc.)	\$			T-4
Vegetables harvested for sale, not for home use:				Value of crops harvested in 1929 (Omit cents)		225. Value (estimated) of products of this farm in 1929 that were used by your family (meat, milk, poultry, eggs, honey, vegetables, fruits, firewood, etc.)	\$			T-5
Note.—Where a crop was grown and harvested following another on the same land during the year, report acreage for each crop. If less than 1 acre, report in fractions, as 1/4, 1/2, etc.						226. Gross receipts from lodgers, boarders, and campers in 1929 (omit board or lodging furnished to persons working for you)	\$			T-6
184. Asparagus	\$	P-40				XVI.—MOVEMENT OF FARM POPULATION				
185. Beans (snap or string)	\$	P-47				Note.—Omit movements of students, or persons on a visit, or laborers staying on the farm only a short time.				
186. Cabbages	\$	P-48				227. How many persons make their home on this farm who have moved here from a city, village, or other incorporated place during the last 12 months?	Number			T-7
187. Cantaloupes and muskmelons	\$	P-49				228. How many persons who now make their home in a city, village, or other incorporated place have moved here from this farm during the last 12 months?	Number			T-8
188. Celery	\$	P-50				XVII.—TOTAL FARM LAND OWNED, APRIL 1, 1930				
189. Corn (sweet)	\$	P-51				229. Do you own any farm land in the United States other than that reported under Question 6?	(Yes or No)			U-1
190. Cucumbers	\$	P-52				If "Yes," answer the following questions regarding ALL farm land owned by you anywhere in the United States, on this farm and elsewhere:				
191. Lettuce	\$	P-53				230. Total number of acres of farm land owned	Acres			U-2
192. Onions (dry)	\$	P-54				231. Total value of all farm land and farm buildings owned	\$			U-3
193. Peas (green)	\$	P-55				232. Total amount of mortgage debt on all farm land and farm buildings owned. (If none, write "None.")	\$			U-4
194. Spinach	\$	P-56				233. Amount charged you on this total mortgage debt for interest, commissions, bonuses, and premiums in 1929.	\$			U-5
195. Tomatoes	\$	P-57				(Times 100)				
196. Watermelons	\$	P-58				(Times 100)				
197. Other	\$	N-6				(Times 100)				
Report beets, carrots, cauliflower, green Lima beans, green onions, eggplant, peppers, etc.				* Total	\$					
198. Value of farm garden vegetables grown in 1929 for home use only (omit white potatoes and sweet potatoes)	\$	2								
Small fruits:				Quantity harvested in 1929						
Note.—If less than 1 acre, report in fractions, as 1/4, 1/2, etc.										
199. Strawberries	Qts.	P-79								
200. Raspberries	Qts.	P-80								
201. Blackberries and dewberries	Qts.	P-81								
202. Other	Qts.									
Report cranberries, loganberries, currants, etc.										

AGRICULTURE

SUPPLEMENTAL TO GENERAL FARM SCHEDULE (To be used only with a General Farm Schedule)

<p>Form 15-145-1</p> <p style="text-align: center;">DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS WASHINGTON</p> <p style="text-align: center;">FIFTEENTH CENSUS OF THE UNITED STATES: 1930 SPECIAL FRUITS AND NUTS <i>Supplemental Schedule A</i></p> <p>Inventory Items, April 1, 1930 Production Items, Calendar Year, 1929</p>	<p style="text-align: center;">ENUMERATOR'S RECORD</p> <p>Number of farm in order of visitation.....</p> <p>State..... County.....</p> <p>Supervisor's District No..... Enumeration District No.....</p> <p>Township or other division of county..... <small>(Insert proper name and also class, as township, town, precinct, district, etc.)</small></p> <p>If farm is inside any incorporated place, give name..... <small>(Insert proper name and also class, as city, village, town, or borough)</small></p> <p>Enumerated by me on....., 1930.</p> <p>....., Enumerator.</p>												
<p style="text-align: center;">XVIII.—FARM OPERATOR, APRIL 1, 1930</p> <p>234. Name of person.....</p> <p>235. Address..... <small>(Street or R. D. number) (Post office) (State)</small></p> <p>NOTE.—See reverse side for Questions 236 to 261.</p> <p style="text-align: center;"><i>This schedule is to be used ONLY in the following States and Counties</i></p>	<p style="text-align: center;">EXPLANATIONS AND INSTRUCTIONS</p> <p>Confidential and not connected with taxation.—The information reported on this schedule will be treated as <i>strictly confidential</i> and will not be used as a basis of taxation, nor communicated to any tax official.</p> <p>Where this schedule is to be used.—This schedule is to be used in all counties of California and in certain counties of Arizona, Idaho, Oregon, and Washington, as listed in the opposite column. No figures are to be entered on the section "Orchard fruits, nuts, and grapes" (Questions 203 to 212) of the General Farm Schedule for farms in the counties in which this schedule is used. In these counties the enumerator must write across the fruit questions on the General Farm Schedule either the words "Special Schedule" or the words "No Fruit," as the case may be.</p> <p>Enumerator's Record.—The enumerator's record is to be filled out on this schedule <i>exactly</i> as it appears on the General Farm Schedule, to which this schedule is supplemental. The number of <i>the farm</i> in order of visitation must be the same as reported on the General Farm Schedule, even though a Special Fruits and Nuts Schedule has not been prepared for <i>each</i> farm visited.</p> <p>Farm operator.—The name and address of the person operating the farm must agree in every particular with the information reported under Questions 1 and 2 of the General Farm Schedule.</p> <p>Irrigated crops.—Draw a circle around the question number of <i>each crop</i> grown on <i>irrigated</i> land. If any crop was grown <i>partly</i> on <i>irrigated</i> and <i>partly</i> on <i>dry</i> land, mark the irrigated crop as directed above and write in <i>above</i> those entries the number of the question, the acreage, the number of trees, the quantity of the crop grown on dry land, and the quantity sold fresh and dried. This instruction is the same as that for reporting irrigated crops on the General Farm Schedule.</p> <p>Questions 237 to 261.—The <i>acreage</i> planted in <i>each</i> kind of fruit or nut trees must be reported. Where different kinds of fruit are interplanted, as apples and peaches, an estimate must be made of the number of acres occupied by each. This separation of acreage must be carefully made to insure accuracy in the Census reports.</p>												
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">STATE</th> <th>COUNTY</th> </tr> </thead> <tbody> <tr> <td>California.....</td> <td>All counties</td> </tr> <tr> <td>Arizona.....</td> <td>Maricopa Pinal Yuma</td> </tr> <tr> <td>Idaho.....</td> <td>Ada Canyon Gem Payette</td> </tr> <tr> <td>Oregon.....</td> <td>Benton Clackamas Douglas Lane Linn Malheur Marion Polk Umatilla Union Washington Wasco Yamhill</td> </tr> <tr> <td>Washington.....</td> <td>Benton Clark Walla Walla Yakima</td> </tr> </tbody> </table>	STATE	COUNTY	California.....	All counties	Arizona.....	Maricopa Pinal Yuma	Idaho.....	Ada Canyon Gem Payette	Oregon.....	Benton Clackamas Douglas Lane Linn Malheur Marion Polk Umatilla Union Washington Wasco Yamhill	Washington.....	Benton Clark Walla Walla Yakima	
STATE	COUNTY												
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Washington.....	Benton Clark Walla Walla Yakima												

SPECIAL FRUIT AND NUT SCHEDULE A, 1930

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DO NOT FAIL TO DRAW A CIRCLE AROUND THE QUESTION NUMBER OF EACH CROP GROWN ON IRRIGATED LAND

THIS SPACE FOR OFFICE USE ONLY	SCHEDULE NO.	COLOR AND TENURE CODE	SIZE CODE	TYPE OF FARM CODE	VALUE OF PRODUCTS CODE	
XIX.—FRUITS AND NUTS HARVESTED ON THIS FARM IN 1929						
NOTE { Omit nursery stock from this schedule. If the area is less than 1 acre, or if the quantity harvested or sold was less than 1 ton, report in fractions, as 1/8, 1/4, etc.						
236. Land in fruit orchards, vineyards, and planted nut trees, April 1, 1930. Acres.....						
F-32						
Orchard Fruits:	ACRES OR FRACTION OF AN ACRE IN TREES OR VINES, APRIL 1, 1930 (Bearing and not bearing)	NUMBER OF TREES OR VINES, APRIL 1, 1930 Not of bearing age Of bearing age		TO CONVERT DRIED TO FRESH: 1 ton dry equals—	QUANTITY HARVESTED IN 1929 (Report on fresh basis)	QUANTITY OF 1929 CROP SOLD OR TO BE SOLD FRESH (Incl. sales to cannery, dried, wineries, etc.) DRIED (Dry weight)
237. Apples.....				7 tons fresh	Tons.....	Tons.....
238. Apricots.....				5 1/2 tons fresh	Tons.....	Tons.....
239. Cherries.....				4 tons fresh	Tons.....	Tons.....
240. Figs.....				3 tons fresh	Tons.....	Tons.....
241. Peaches.....				5 1/2 tons fresh	Tons.....	Tons.....
242. Pears (omit avocados and prickly pears).....				5 1/2 tons fresh	Tons.....	Tons.....
243. Plums.....				x x x x	Tons.....	Tons.....
244. Prunes.....				2 1/2 tons fresh	Tons.....	Tons.....
245. Other orchard fruits (quinces, nectarines, etc.): (Give name)				x x x x		
..... (Give name)				x x x x		
Grapes: <i>NOTE.—Answer Questions 246, 247, and 248 in California and Arizona only.</i>						
246. Malaga, Tokay, Emperor, and other table varieties.....				x x x x	Tons.....	Tons.....
247. Raisin varieties (include Muscat, Thompson, Sultana, etc.).....				4 tons fresh	Tons.....	Tons.....
248. Juice (wine) varieties.....				x x x x	Tons.....	Tons.....
249. Grapes (total).....				x x x x	Tons.....	Tons.....
Subtropical Fruits:	ACRES OR FRACTION OF AN ACRE IN TREES OR PLANTS, APRIL 1, 1930 (Bearing and not bearing)	NUMBER OF TREES OR PLANTS, APRIL 1, 1930 Not of bearing age Of bearing age				QUANTITY HARVESTED IN 1929
250. Valencia oranges.....						Boxes.....
251. Navel oranges.....						Boxes.....
252. All other oranges (include tangerines).....						Boxes.....
253. Lemons.....						Boxes.....
254. Marsh grapefruit.....						Boxes.....
255. Other grapefruit.....						Boxes.....
256. Avocados (alligator pears).....						{ 2-layer Boxes.....
257. Olives.....						Tons.....
258. Other subtropical fruits: Report citrus, dates, guavas, jujubes, limes, loquats, Parson fruit, Japanese persimmons, pistachios, pomegranates, prickly pears (cactus pears), etc. (Give name)						
..... (Give name)						
..... (Give name)						
..... (Give name)						
Nuts						
259. Persian or English walnuts (omit black walnuts).....						Lbs.....
260. Almonds.....						Lbs.....
261. Other nuts..... (Give name)						Lbs.....
..... (Give name)						

SUPPLEMENTAL TO GENERAL FARM SCHEDULE (To be used only with a General Farm Schedule)

<p>Form 15-145-2</p> <p style="text-align: center;">DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS WASHINGTON</p> <p style="text-align: center;">FIFTEENTH CENSUS OF THE UNITED STATES: 1930</p> <p style="text-align: center;">SPECIAL FRUITS AND NUTS</p> <p style="text-align: center;"><i>Supplemental Schedule B</i></p> <p>Inventory Items, April 1, 1930 Production Items, Calendar Year, 1929</p>	<p style="text-align: center;">ENUMERATOR'S RECORD</p> <p>Number of farm in order of visitation</p> <p>State..... County.....</p> <p>Supervisor's District No. Enumeration District No.</p> <p>Township or other division of county</p> <p style="text-align: center;"><small>(Insert proper name and also class, as township, town, precinct, district, etc.)</small></p> <p>If farm is inside any incorporated place, give name</p> <p style="text-align: center;"><small>(Insert proper name and also class, as city, village, town, or borough)</small></p> <p>Enumerated by me on, 1930.</p> <p style="text-align: right;">....., Enumerator.</p>												
<p style="text-align: center;">XVIII.—FARM OPERATOR, APRIL 1, 1930</p> <p>234. Name of person</p> <p>235. Address.....</p> <p style="text-align: center;"><small>(Street or R. D. number) (Post office) (State)</small></p> <p>NOTE.—See reverse side for Questions 236 to 258.</p> <p style="text-align: center;"><i>This schedule is to be used ONLY in the following States and Counties</i></p>	<p style="text-align: center;">EXPLANATIONS AND INSTRUCTIONS</p> <p>Confidential and not connected with taxation.—The information reported on this schedule will be treated as <i>strictly confidential</i> and will not be used as a basis of taxation, nor communicated to any tax official.</p> <p>Where this schedule is to be used.—This schedule is to be used in all counties of Florida and in certain counties of Alabama, Louisiana, Mississippi, and Texas, as listed in the opposite column. No figures are to be entered on the section "Orchard fruits, nuts, and grapes" (Questions 203 to 212) of the General Farm Schedule for farms in the counties in which this schedule is used. In these counties the enumerator must write across the fruit questions on the General Farm Schedule either the words "Special Schedule" or the words "No Fruits," as the case may be.</p> <p>Enumerator's record.—The enumerator's record is to be filled out on this schedule <i>exactly</i> as it appears on the General Farm Schedule, to which this schedule is supplemental. The number of <i>the farm</i> in order of visitation must be the same as reported on the General Farm Schedule, even though a Special Fruits and Nuts Schedule has not been prepared for <i>each</i> farm visited.</p> <p>Farm operator.—The name and address of the person operating the farm must agree in every particular with the information reported under Questions 1 and 2 of the General Farm Schedule.</p> <p>Irrigated crops.—Draw a circle around the question number of <i>each crop</i> grown on irrigated land. If any crop was grown <i>partly on irrigated and partly on dry</i> land, mark the <i>irrigated</i> crop as directed above and write in <i>above</i> those entries the number of the question, the acreage, the number of trees, the quantity of the crop grown on dry land, and the quantity sold. This instruction is the same as that for reporting irrigated crops on the General Farm Schedule.</p> <p>Questions 237 to 258.—The <i>acreage</i> planted in <i>each</i> kind of fruit or nut trees must be reported. Where different kinds of fruit are interplanted, as apples and peaches, an estimate must be made of the number of acres occupied by each. This separation of acreage must be carefully made to insure accuracy in the Census reports.</p>												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">STATE</th> <th>COUNTY</th> </tr> </thead> <tbody> <tr> <td>Florida.....</td> <td>All counties</td> </tr> <tr> <td>Alabama.....</td> <td>Baldwin Covington Escambia Mobile</td> </tr> <tr> <td>Louisiana (parish).....</td> <td>Beauregard Cameron Jefferson Plaquemines St. Bernard St. Tammany Terrebonne Vermilion Vernon</td> </tr> <tr> <td>Mississippi.....</td> <td>George Hancock Harrison Jackson Pearl River Stone</td> </tr> <tr> <td>Texas.....</td> <td>Bee Brazoria Brooks Cameron Galveston Harris Hidalgo Jefferson Matagorda San Patricio Victoria Willacy</td> </tr> </tbody> </table>	STATE	COUNTY	Florida.....	All counties	Alabama.....	Baldwin Covington Escambia Mobile	Louisiana (parish).....	Beauregard Cameron Jefferson Plaquemines St. Bernard St. Tammany Terrebonne Vermilion Vernon	Mississippi.....	George Hancock Harrison Jackson Pearl River Stone	Texas.....	Bee Brazoria Brooks Cameron Galveston Harris Hidalgo Jefferson Matagorda San Patricio Victoria Willacy	
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SPECIAL FRUIT AND NUT SCHEDULE B, 1930

975

DO NOT FAIL TO DRAW A CIRCLE AROUND THE QUESTION NUMBER OF EACH CROP GROWN ON IRRIGATED LAND

THIS SPACE FOR OFFICE USE ONLY	SCHEDULE NO.	COLOR AND TENURE CODE	SIZE CODE	TYPE OF FARM CODE	VALUE OF PRODUCTS CODE
XIX.—FRUITS AND NUTS HARVESTED ON THIS FARM IN 1929					
<p><i>NOTE</i> { Omit nursery stock from this schedule. If the area is less than 1 acre, report in fractions, as 1/8, 1/4, etc.</p>					
236. Land in fruit orchards, vineyards, and planted nut trees, April 1, 1930..... Acres					
<small>CODE For office use only</small>					
<small>F-52</small>					
Orchard Fruits and Grapes:					
		<small>ACRES OR FRACTION OF AN ACRE IN TREES OR VINES, APRIL 1, 1930</small>	<small>NUMBER OF TREES OR VINES, APRIL 1, 1930</small>		
			<small>Not of bearing age</small>	<small>Of bearing age</small>	
				<small>QUANTITY HARVESTED IN 1929</small>	<small>QUANTITY OF 1929 CROP SOLD OR TO BE SOLD</small>
237. Apples.....				<i>Bu</i>	<i>Bu</i> <small>Y-50</small>
238. Apricots.....				<i>Bu</i>	<i>Bu</i> <small>Y-51</small>
239. Cherries.....				<i>Bu</i>	<i>Bu</i> <small>Y-52</small>
240. Peaches.....				<i>Bu</i>	<i>Bu</i> <small>Y-53</small>
241. Pears (omit avocados and prickly pears).....				<i>Bu</i>	<i>Bu</i> <small>Y-54</small>
242. Plums and prunes.....				<i>Bu</i>	<i>Bu</i> <small>Y-55</small>
243. Figs.....				<i>Lbs</i>	<i>Lbs</i> <small>Y-56</small>
244. Grapes.....				<i>Lbs</i>	<i>Lbs</i> <small>Y-57</small>
245. Other orchard fruits (quinces, nectarines, etc.).....					
(Give name)					
(Give name)					
(Give name)					
Subtropical Fruits:					
		<small>ACRES OR FRACTION OF AN ACRE IN TREES OR PLANTS, APRIL 1, 1930</small>	<small>NUMBER OF TREES OR PLANTS, APRIL 1, 1930</small>		
			<small>Not of bearing age</small>	<small>Of bearing age</small>	
				<small>QUANTITY HARVESTED IN 1929</small>	
246. Tangerines.....				<i>Boxes</i>	<i>Boxes</i> <small>Y-53</small>
247. Valencia oranges.....				<i>Boxes</i>	<i>Boxes</i> <small>Y-54</small>
248. Parson Brown oranges.....				<i>Boxes</i>	<i>Boxes</i> <small>Y-55</small>
249. Pineapple oranges.....				<i>Boxes</i>	<i>Boxes</i> <small>Y-56</small>
250. Satsuma and mandarin oranges.....				<i>Boxes</i>	<i>Boxes</i> <small>Y-57</small>
251. All other oranges.....				<i>Boxes</i>	<i>Boxes</i> <small>Y-58</small>
252. Lemons.....				<i>Boxes</i>	<i>Boxes</i> <small>Y-59</small>
253. Marsh grapefruit.....				<i>Boxes</i>	<i>Boxes</i> <small>Y-70</small>
254. Other grapefruit.....				<i>Boxes</i>	<i>Boxes</i> <small>Y-71</small>
255. Avocados (alligator pears).....				<i>2-layer Boxes</i>	<i>2-layer Boxes</i> <small>Y-72</small>
256. Other subtropical fruits: Report bananas, guavas, jujubes, kumquats, limes, mangoes, Japanese persimmons, papayas, pineapples, pistachios, pomegranates, prickly pears (cactus pears), sugar apples, sapodillas, etc.					
(Give name)					
(Give name)					
(Give name)					
(Give name)					
(Give name)					
(Give name)					
(Give name)					
Nuts:					
		<small>ACRES OR FRACTION OF AN ACRE IN TREES, APRIL 1, 1930</small>	<small>NUMBER OF TREES, APRIL 1, 1930</small>		
			<small>Not of bearing age</small>	<small>Of bearing age</small>	
				<small>QUANTITY HARVESTED IN 1929</small>	<small>QUANTITY OF 1929 CROP SOLD OR TO BE SOLD</small>
257. Pecans (cultivated or wild).....				<i>Lbs</i>	<i>Lbs</i> <small>Y-95</small>
258. Other nuts (cultivated):					
(Give name)				<i>Lbs</i>	<i>Lbs</i>
(Give name)				<i>Lbs</i>	<i>Lbs</i>
(Give name)				<i>Lbs</i>	<i>Lbs</i>

DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS WASHINGTON	FARM SCHEDULE: 1925 UNITED STATES CENSUS OF AGRICULTURE Inventory Items, January 1, 1925; Production Items, Calendar Year 1924
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10-1

ENUMERATOR'S RECORD

State County Supervisor's district Enumeration district Township or other division of county: Insert name of township, town, precinct, district, or other division, as the case may be. Incorporated city, town, or village, if farm is inside the limits of any incorporated place	Number of farm in order of visitation Enumerated by me this day of, 192 (Signed) <div style="text-align: right;"><i>Enumerator.</i></div> Schedule examined and checked: <div style="text-align: right;"><i>Supervisor.</i></div>
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DEFINITION OF A FARM

A farm, for census purposes, is all the land which is directly farmed by one person, either by his own labor alone or with the assistance of members of his household, or hired employees. The land operated by a partnership is likewise considered a farm.

A "farm" may consist of a single tract of land, or of a number of separate tracts, and these several tracts may be held under different tenures, as when one tract is owned by the farmer and another tract is rented by him.

When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a farm. Thus on a plantation the land operated by each cropper or tenant should be reported as a separate farm, and the land operated by the owner or manager by means of wage hands should likewise be reported as a separate farm.

Do not report as a farm any tract of land of less than 3 acres, unless its products in 1924 were valued at \$250 or more.

I. INFORMATION CONCERNING FARM OPERATOR	CODE	III. FARM ACREAGE, JANUARY 1, 1925	CODE	
1. Name	For office use only	12. Total number of acres in this farm... Acres.....	F-5; D-5; B2-4	
2. Post office address		13. Land in crops harvested in 1924... Acres.....	F-8	
3. Color or race.....		14. Land from which no crop was harvested in 1924 because of crop failure or destruction from any cause Acres.....	F-7	
4. Date when you began to operate this farm: <input type="checkbox"/> Year Month		F-1; D-5	15. Land in cultivated summer fallow... Acres.....	F-9
II. FARM TENURE, JANUARY 1, 1925		16. Crop land lying idle all of 1924... Acres.....	A-1 1	
5. How many acres in this farm do you own?	F-2 F-3 F-4	17. Land used only for pasture in 1924 which could be plowed and used for crops without clearing, draining, or irrigating... Acres.....	2	
6. How many acres in this farm do you rent from others?		18. Woodland used for pasture in 1924... Acres.....	3	
The sum of Items 5 and 6 should equal the total farm acreage, as reported under Question 12.		19. All other land used for pasture in 1924 Acres.....	4	
If you rent all of this farm:		20. Woodland not used for pasture... Acres.....	5	
7. What do you pay as rent?		21. All other land in this farm... Acres.....	6	
a. If a share is paid, give the fraction, as $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, etc. b. If cash is paid, give the amount in dollars per acre. c. If both share and cash are paid, give the share and the amount in dollars paid per acre. d. If a definite quantity (not a share) of corn, cotton, or other products is paid, regardless of the yield, give the fixed amount in bushels, bales, pounds, etc.		NOTE.—The sum of Items 13 to 21, inclusive, should equal the total acreage of the farm, as reported under Question 12. (Item 12 should also equal the sum of Items 5 and 6, except in case of a farm operated by a manager.)		
O. R. <input type="checkbox"/>				
8. Does the person from whom you rent furnish all the work animals?				(Yes or No)
9. Do you rent this farm from your own or your wife's parent, grandparent, brother, or sister?				(Yes or No)
10. Do you operate this farm for others as a hired manager?		(Yes or No)		
11. If you rent any farm land from others, or manage any farm land for others, give name and address of the owner of the land:				
Name				
Address				

GENERAL FARM SCHEDULE, 1925

IV. FARM VALUES, JANUARY 1, 1925			IX. FARM POPULATION, JANUARY 1, 1925		
Report all values in DOLLARS, omitting cents			Include in the farm population not only the family of the farm operator, but also all other persons living on this farm—especially farm laborers and their families. The family of a tenant or cropper should be reported on the schedule made out for his farm, not on the schedule for his landlord's farm.		
22. Total value of this farm (land and buildings).....	\$.....	F-9; D-5; B2-3	40. Number of white children under 10 years of age living on this farm.....	Total.....	E-4
Give the amount for which this farm would sell. Include the land operated by you as owner, tenant, or manager, and all buildings and improvements, but not implements and machinery, or livestock.			41. Number of white persons 10 years of age and over living on this farm.....	Male..... Female.....	E5, 6
23. Value of all buildings on this farm included above.....	\$.....	F-10	42. Number of colored children under 10 years of age living on this farm.....	Total.....	E-7
24. Value of implements and machinery used in operating this farm, including automobiles.....	\$.....	E-1	Include Negro, Indian, Chinese, and Japanese children.		
Includes all tools, wagons, dairy equipment, cotton gins, threshing machines, and other machinery used in carrying on the farm business. See instructions.			43. Number of colored persons 10 years of age and over living on this farm.....	Male..... Female.....	E6, 8
Includes Negroes, Indians, Chinese, and Japanese.			X. CROPS HARVESTED IN 1924		
V. FARM DEBT, JANUARY 1, 1925			Corn grown on this farm in 1924:		
Report debt in DOLLARS, omitting cents			Do not include sweet corn, pop corn, "Egyptian corn," or "milo maize." Always report the quantity of corn harvested in bushels of shelled corn. A bushel of shelled corn weighs 56 pounds and is equivalent to 70 pounds of dry corn in the ear, or to 2 bushel baskets level full or 14 bushel baskets heaped of husked ear corn, or 6 level or 4 heaped bushel baskets of unhusked corn.		
25. Amount of mortgage debt on all farm land and buildings owned by you (anywhere in the United States).....	\$.....	D-1	D-2		
If there is no mortgage debt on your farm land, write "None."			D-3		
26. Value of farm land and buildings covered by mortgages reported above.....	\$.....	D-2	D-4		
For office use only			Acres harvested		
1. Equal to Item 22	2. Greater than Item 22	3. Less than Item 22	Quantity harvested		
27. Total amount of other debts, which you owe, not secured by mortgage on real estate.....	\$.....	D-4	44. Total acreage of corn for all purposes.....	X X X	H-1
If there is no such debt, write "None."			45. Corn snapped, husked, or to be husked, for grain.....	Bu.	2, 3
VI. FARM EXPENSES			46. Corn cut for silage.....	Tons.....	4, 5
Report expenditures in DOLLARS, omitting cents			47. Whole plant cut for green or dry fodder and not husked or snapped.....	X X X	6
28. Amount expended in 1924 for hay, grain, mill feed, and other products (not raised on this farm) for use as feed for domestic animals and poultry.....	\$.....	B-1	48. Whole plant hogged or grazed off by any kind of livestock (none of the corn husked or snapped).....	X X X	7
29. Amount expended in 1924 for manure and fertilizer, including lime and ground limestone.....	\$.....	1	Note.—The sum of the acres reported under Items 45 to 48, inclusive, should equal the total acreage of corn, as reported under Question 44.		
30. Amount expended in 1924 for farm labor, exclusive of housework (money wages only, not including value of rent or board furnished).....	\$.....	2	Small grains:		
31. Amount expended in 1924 for lumber, timber, wooden posts, poles, and firewood purchased for use on this farm.....	\$.....	3	49. Winter wheat (fall-sown) cut for grain and threshed.....	Bu.	C-01
32. Total amount of taxes paid or payable by you for 1924 on farm property (anywhere in the United States).....	\$.....	B-2	50. Spring wheat (spring-sown) cut for grain and threshed.....	Bu.	C-02
Include real estate tax, personal property tax, and special assessments, but do not include taxes for irrigation or drainage districts.			Include durum wheat.		
33. How much of the taxes reported above were paid or payable on the land and buildings in this farm?.....	\$.....	2*	51. Oats cut for grain and threshed.....	Bu.	H-2
Include only taxes on the land reported under Question 12. See instructions.			52. Oats cut for grain when ripe or nearly ripe and fed unthreshed.....	X X X	3, X
* (3) = Item 22; (4) = Item 12; (6) = X.			53. Barley cut for grain and threshed.....	Bu.	C-03
VII. COOPERATION IN MARKETING IN 1924			54. Rye cut for grain and threshed.....	Bu.	C-04
Report amounts in DOLLARS, omitting cents			55. Small grains cut for hay (including wheat, oats, barley, and rye).....	X X X	C-05
34. Value of products of this farm sold to or through a farmers' marketing organization in 1924.....	\$.....	B-3	Do not include oats cut when ripe or nearly ripe and fed unthreshed. These should be reported under Question 52.		
35. Value of all farm supplies purchased for this farm from or through a farmers' organization in 1924.....	\$.....	2, X	56. Flax threshed for grain.....	Bu.	C-06
VIII. FARM FACILITIES, JANUARY 1, 1925			57. Rice (rough).....	Bu.	C-07
36. What kind of road adjoins this farm?.....		F-11	58. Buckwheat.....	Bu.	C-08
Indicate whether concrete, brick, macadam, gravel, improved dirt, or unimproved dirt road.			Sorghums:		
37. Distance to nearest market town..... Miles.....		F-12	59. Sorghums harvested for grain (kafir, milo, feterita, durra, etc., threshed or fed in the head after cutting from stalks).....	Bu.	H-3
38. Tractors on this farm..... Number.....		E-2	60. All sorghums cut for silage, hay, or fodder (heads not cut off or threshed).....	X X X	1, 2
39. Is there a radio outfit on this farm?.....	(Yes or No)	E-3	61. Sweet sorghum or sorgo cut for sirup.....	X X X	3
				X X X	4, X

AGRICULTURE

Annual legumes:			CODE	Vegetables grown in 1924 for sale, not for home use: Do not report here any vegetables other than those named.	Acres or fraction of an acre harvested	CODE
62. Soy beans grown alone	Acres.....		H-4 1			
63. Soy beans grown with corn or other crops	Acres.....		2			
64. Soy beans cut for hay (whether grown alone or with other crops)	Acres.....		3	91. Cabbages		C-25*
65. Soy beans—shelled beans harvested.....	Bu.....		4, X	92. Cantaloupes and muskmelons.....		C-26*
			H-5	93. Lettuce		C-27*
66. Cowpeas grown alone.....	Acres.....		1	94. Onions		C-28*
67. Cowpeas grown with corn or other crops	Acres.....		2	95. Sweet corn		C-29*
68. Cowpeas cut for hay (whether grown alone or with other crops)	Acres.....		3	96. Tomatoes		C-30*
69. Cowpeas—shelled peas harvested.....	Bu.....		4, X	97. Watermelons		C-31*
			H-6	* Punch acres in tenths, as edited.		
70. Peanuts grown alone.....	Acres.....		1	Other crops:		
71. Peanuts grown with corn or other crops	Acres.....		2	98. All other crops (Canada peas, turnips, mangels, hemp, hops, broom-corn, pop corn, asparagus, celery, cucum- bers, etc.)	Acres.....	C-32
72. Peanuts cut for hay (whether grown alone or with other crops).....	Acres.....		3	Fruits and nuts:		
73. Peanuts—ripe nuts harvested.....	Bu.....		4, X	99. Apples—Trees not of bearing age.....	Number.....	H-7 1
74. Velvet beans, grown alone or with other crops	Acres.....		C-25	100. Apples—Trees of bearing age.....	Number.....	2
75. Navy, pinto, kidney, lima, and other ripe field beans	Acres.....		C-10	101. Apples—Total quantity harvested in 1924	Bu.....	3, X
Hay crops cut on this farm in 1924: The average of grain hay and annual legume hay has already been reported above, under Questions 55, 60, 64, 68, and 72.				102. Peaches—Trees of all ages.....	Number.....	H-8 1
76. Timothy alone.....	Acres.....		C-11	103. Peaches—Total quantity harvest- ed in 1924	Bu.....	2
77. Timothy and clover mixed	Acres.....		C-12	104. Pears—Trees of all ages.....	Number.....	3
78. Red, alsike, and mammoth clover.....	Acres.....		C-13	105. Plums and prunes—Trees of all ages.....	Number.....	4
79. Sweet clover, crimson clover, and Japan clover (lespedeza).....	Acres.....		C-14	106. Grapes—Vines of all ages.....	Number.....	5, X
80. Alfalfa	Acres.....		C-15	107. Oranges—Trees not of bearing age.....	Number.....	C33-1
81. Other tame or cultivated grasses cut for hay	Acres.....		C-16	108. Oranges—Trees of bearing age.....	Number.....	C33-2
82. Wild, salt, or prairie grasses cut on this farm	Acres.....		C17-1	109. Lemons—Trees not of bearing age.....	Number.....	C34-1
83. Total quantity of hay of all kinds, both tame and wild.....	Tons.....		C17-2	110. Lemons—Trees of bearing age.....	Number.....	C34-2
Miscellaneous crops:				111. Grapefruit (pomeloes)—Trees not of bearing age.....	Number.....	C35-1
84. Cotton	Acres or fraction of an acre harvested	Quantity harvested		112. Grapefruit (pomeloes)—Trees of bearing age.....	Number.....	C35-2
85. Sugar beets harvested for sugar.....		Bales.....	C-18	113. Pecans (cultivated or wild)—Trees not of bearing age.....	Number.....	C36-1
86. Sugar cane (not sorghum) har- vested for sugar or sirup		Tons.....	C-20	114. Pecans (cultivated or wild)—Trees of bearing age.....	Number.....	C36-2
87. Tobacco		Lbs.....	C-21	XI. FORESTS AND FOREST PRODUCTS		
88. Irish or white potatoes		Bu.....	C-22*	115. Quantity of firewood cut from this farm in 1924	Cords.....	C37-1
89. Strawberries		x x x	C-23*	116. Forest or woodland in this farm burned over in 1924	Acres.....	C37-2
90. Sweet potatoes and yams		Bu.....	C-24*	117. Forest or woodland in this farm cleared and made suitable for crops in the past five years.....	Acres.....	C-38

GENERAL FARM SCHEDULE, 1925

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XII. LIVESTOCK AND LIVESTOCK PRODUCTS		CODE		CODE
Include stock belonging to this farm but grazing under permit in national forests, on land leased from States or railroad companies, or on open range.				
Horses and mules on this farm Jan. 1, 1925:				
118. Horses and colts under 2 years of age	Number	A-2		
119. Horses 2 years old and over	Number	1		
120. Mules and mule colts under 2 years of age	Number	2		
121. Mules 2 years old and over	Number	3		
Beef cattle on this farm Jan. 1, 1925 (cattle kept mainly for beef production):		4, X		
122. Calves under 1 year of age	Number	A-3		
123. Heifers 1 year old and under 2 years	Number	1		
124. Cows and heifers 2 years old and over	Number	2		
125. Steers 1 year old and over	Number	3		
Include both steers born of beef cows and steers born of dairy cows.		4		
126. Bulls 1 year old and over	Number	5, X		
Dairy cattle on this farm Jan. 1, 1925 (cattle kept mainly for milk production): Report all steers under beef cattle, Question 123.				
127. Dairy bulls 1 year old and over	Number	A-4		
128. Dairy calves under 1 year of age	Number	1		
129. Dairy heifers 1 year old and under 2 years	Number	2, X		
130. Dairy cows and heifers 2 years old and over	Number	G-1		
Dairy products in 1924:				
131. Total amount of milk produced in 1924	Gals.	G-2		
Include all milk produced, whether sold, consumed on farm, fed to animals, or otherwise disposed of. 100 pounds equal 11.6 gallons.		G-3		
132. Total number of cows milked on this farm during all or any part of the year 1924	Number	G-4		
Include both dairy cows and beef cows which were milked.				
133. Butter made on farm in 1924	Lbs.	G-5		
134. Butterfat sold in 1924	Lbs.	G-6		
135. Cream sold in 1924 (not on a butterfat basis)	Gals.	G-7		
136. Whole milk sold in 1924 (not on a butterfat basis)	Gals.	G-8		
Sheep on this farm Jan. 1, 1925:				
137. Lambs under 1 year of age	Number	B-4		1
138. Ewes 1 year old and over	Number	2		
139. Rams and wethers 1 year old and over	Number	3		
Wool shorn in 1924:				
140. Total weight of wool (unwashed)	Lbs.	4		
141. Number of sheep shorn		5		
Goats on this farm Jan. 1, 1925:				
142. Goats and kids of all ages	Number	B-5		1
Mohair shorn in 1924:				
143. Total weight of mohair	Lbs.	2		
144. Number of goats shorn		3, X		
Hogs and pigs on this farm Jan. 1, 1925:				
145. All pigs under 6 months old	Number	A-5		1
146. Sows and gilts for breeding purposes, 6 months old and over	Number	2		
147. All other hogs 6 months old and over, including boars	Number	3		
Young animals born and raised on this farm in 1924: Include all young animals born in 1924, which have been retained on the farm, sold to others (including pigs sold at weaning time), or slaughtered for food. Do not include any young animals purchased or any that died.				
148. Calves raised	Number	4		
149. Lambs raised	Number	5		
150. Pigs raised	Number	6		
Domestic animals slaughtered on this farm for food in 1924: Include both those slaughtered for home use and those slaughtered for sale.				
151. Calves slaughtered	Number	B-6		1
152. Other cattle slaughtered	Number	2		
153. Sheep and lambs slaughtered	Number	3		
154. Hogs and pigs slaughtered	Number	4, X		
Poultry on this farm Jan. 1, 1925:				
155. Chickens	Number	B-7		1
156. Turkeys	Number	2		
Poultry products in 1924:				
157. Chicken eggs produced in 1924	Dozens	3		
Include all chicken eggs produced, whether sold, used, incubated, or otherwise disposed of.				
158. Chickens raised in 1924	Number	4, X		
Include all chickens raised, whether sold, consumed, or on hand, except "baby chicks" hatched and sold. Include baby chicks purchased and raised.				

GENERAL EXPLANATIONS AND INSTRUCTIONS

Confidential.—The information reported on this schedule will be treated as strictly confidential under all circumstances.

Not Connected with Taxation.—The information reported on this schedule will not be used as a basis of taxation, or communicated to any assessor.

All Questions to be Answered.—Obtain answers to all questions on the schedule, so far as they apply. Where crops are listed that were not raised on this farm, leave the space blank opposite such crops, and likewise for kinds of animals not kept on this farm. If farm records are kept, take figures from them. If such records are not available, obtain careful estimates in all cases. Inability to obtain exact information does not justify failure to answer a question.

Farm Operator.—All answers on this schedule should relate to the farm occupied January 1, 1925, by the person named in answer to Question 1, who is here called the "farm operator." The term "farm operator" is employed by the

Census Bureau to designate a person who directly works a farm, as owner, hired manager, tenant, or cropper. Note especially that farms should be returned in the name of such farm operator—that is, the person actually conducting the agricultural operations, even though supervision of such operations may be exercised by another person.

Report crops and other products for the land which the farmer occupies on the date of enumeration, whether he operated this land in 1924 or not, and do not report the crops or products which he raised on any other land in 1924. In other words, report for the farm, rather than for the farmer, where the farmer has recently taken possession of his present farm.

Ranchers Using Public Lands.—Public land used by a rancher without rental is not a part of the operator's farm, and where a rancher owns or leases no land but grazes animals entirely on public domain write opposite Questions 5 and 12 "No land owned or leased." Report all livestock on such land.

<p>9-123</p> <p style="text-align: center;">UNITED STATES CENSUS OF AGRICULTURE</p> <p style="text-align: right;">(A2-57E)</p> <p>ENUMERATOR'S RECORD.</p> <p>Number of farm in order of visitation.....</p> <p>Sheet and line on population schedule on which name of farm operator is written:</p> <p>Sheet No.</p> <p>Line No.</p> <p>Enumerated by me this day of, 1920.</p> <p style="text-align: right; font-size: small;">Enumerator.</p>	<p>DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS SAM. L. ROGERS, DIRECTOR</p> <p>FOURTEENTH CENSUS OF THE UNITED STATES AGRICULTURE-UNITED STATES</p> <p>WILLIAM L. AUSTIN CHIEF STATISTICIAN FOR AGRICULTURE</p> <p>GENERAL FARM INFORMATION, JANUARY 1, 1920 FARM PRODUCTION CROP YEAR, 1919</p>	<p>ENUMERATOR'S RECORD.</p> <p>State</p> <p>County</p> <p>Supervisor's district No.</p> <p>Enumeration district No.</p> <p>Township or other division of county:</p> <p>(Insert name of township, town, precinct, district, or other division, as the case may be.)</p> <p>Name of incorporated city, town, or village within the above-named division:</p>
<p style="text-align: center;">INFORMATION CONCERNING FARM OPERATOR.</p> <p>1. Name</p> <p>2. Post-office address</p> <p>3. Color or race 4. Age 5. Sex</p> <p>6. Country of birth..... <small>(If foreign born, give state or province.)</small></p> <p>7. How many years, if any, did you work on a farm for wages?</p> <p>8. How many years have you been or were you a tenant?</p> <p>9. How many years have you farmed as an owner?</p> <p>10. How long have you operated this farm? Years..... Months.....</p>	<p style="text-align: center;">USES OF LAND IN 1919.</p> <p>20. Crop land in this farm: ACRES.</p> <p>1. Land in grain, corn, hay, or other crops harvested in 1919, including gardens, orchards, and vineyards.....</p> <p>2. Land from which no crop was harvested in 1919 because of crop failure.....</p> <p>3. Crop land lying idle or fallow in 1919 (do not include any land that is to be reported as pasture under Inquiry 21).....</p> <p>21. Pasture land in this farm:</p> <p>1. Of the woodland reported under Inquiry 18, how many acres were pastured in 1919?</p> <p>2. Land used only for pasture in 1919 which is capable of being plowed and used for crops (without clearing, drainage, or irrigation)</p> <p>3. Other land used only for pasture in 1919</p>	<p style="text-align: center;">FARM VALUES, JANUARY 1, 1920.</p> <p>22. Total value of this farm January 1, 1920 \$..... <small>(Give the amount for which this farm would sell. Include the land owned, rented, or managed by you, all buildings and improvements, but not implements and machinery.)</small></p> <p>23. Value of all buildings on this farm included above \$.....</p> <p>24. Value of implements and machinery belonging to this farm..... \$..... <small>(Include all tools; wagons; carriages; harnesses; dairy equipment; cotton gins; threshing machines; apparatus for making cider, grape juice, sugar and sirup, or drying fruits; all engines, motors, tractors, automobiles, motor trucks, and other machinery. Exclude all commercial mills and factories. See instructions.)</small></p>
<p style="text-align: center;">FARM TENURE, JANUARY 1, 1920. <small>(See "Farm Tenure" and "Definition of Farm" in "General Explanations and Instructions.")</small></p> <p>11. Do you own all of this farm? <small>(Answer Yes or No.)</small></p> <p>12. Do you rent from others part but not all of this farm? <small>(Answer Yes or No.)</small></p> <p>13. Do you rent from others all of this farm? <small>(Answer Yes or No.)</small></p> <p>1. If you rent all of this farm, what do you pay as rent?</p> <p>a. If a share is paid, give the fractions as $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{4}$, etc. b. If cash is paid, give the amount in dollars paid per acre. c. If both share and cash are paid, give the share and the amount in dollars paid per acre. d. If a definite quantity (not a share) of corn, cotton, or other products is paid regardless of the yield, give the fixed amount in bushels, bales, pounds, etc.</p> <p>2. Does the person from whom you rent furnish all the work animals? <small>(Answer Yes or No.)</small></p> <p>14. Do you operate this farm for others as a hired manager? ... <small>(Answer Yes or No.)</small></p> <p>15. If you rent any farm land from others, or manage any farm land for others, give name and address of the owner of the land:</p> <p>Name</p> <p>Address</p>	<p style="text-align: center;">FARM ENCUMBRANCE, JANUARY 1, 1920.</p> <p>25. If you own all or part of this farm, was there any mortgage debt or other encumbrance on the land so owned on January 1, 1920? <small>(Answer Yes or No.)</small></p> <p>Total amount of debt or encumbrance on land in this farm owned by you, January 1, 1920 \$.....</p> <p>Rate of interest paid <small>(Percent)</small></p>	<p style="text-align: center;">FARM EXPENSES, 1919.</p> <p>26. Amount expended in 1919 for hay, grain, mill feed, and other products (not raised on this farm) for use as feed for domestic animals and poultry \$.....</p> <p>27. Amount expended in 1919 for manure and fertilizer \$.....</p> <p>28. Amount expended in cash in 1919 for farm labor (exclusive of housework) \$.....</p> <p>29. Estimated value of house or room rent and board furnished farm laborers in 1919, in addition to cash wages reported under Inquiry 28 \$.....</p>
<p style="text-align: center;">FARM ACREAGE, JANUARY 1, 1920. ACRES.</p> <p>16. Total number of acres in this farm, January 1, 1920..... <small>(Include all outlying or separate fields, meadows, pastures, woodland, or waste lands owned, rented, or managed and operated as a part of the farm, but do not include land rented to or cropped by any other person than the one whose name is given under Inquiry 1.)</small></p> <p>17. Number of acres of improved land in this farm..... <small>(Include all land regularly tilled or mowed; land in pastures that has been cleared or tilled; land lying fallow; land in gardens, orchards, vineyards, and nurseries; and land occupied by buildings, yards, and barnyards.)</small></p> <p>18. Number of acres of woodland in this farm..... <small>(Include all farm woodlots, natural or planted, and cut-over land with young growth. Do not include chaparral, mesquite, or woody shrubs.)</small></p> <p>19. All other unimproved land in this farm</p>	<p style="text-align: center;">DRAINAGE, JANUARY 1, 1920.</p> <p>30. Area of land in this farm which is provided with artificial drainage (tile, ditches, etc.)..... <small>(Acres.)</small></p> <p>31. Additional area of land in this farm which could be made suitable for crops:</p> <p>1. By drainage only..... <small>(Acres.)</small></p> <p>2. By drainage and clearing..... <small>(Acres.)</small></p> <p>32. Has any part of this farm been afforded drainage or protection against overflow by a drainage or levee district, or by the state, county, or by a private company or individual? <small>(Answer Yes or No.)</small></p> <p>33. If answer is "Yes," give name of company, district, etc.</p>	<p>30. Area of land in this farm which is provided with artificial drainage (tile, ditches, etc.)..... <small>(Acres.)</small></p> <p>31. Additional area of land in this farm which could be made suitable for crops:</p> <p>1. By drainage only..... <small>(Acres.)</small></p> <p>2. By drainage and clearing..... <small>(Acres.)</small></p> <p>32. Has any part of this farm been afforded drainage or protection against overflow by a drainage or levee district, or by the state, county, or by a private company or individual? <small>(Answer Yes or No.)</small></p> <p>33. If answer is "Yes," give name of company, district, etc.</p>

GENERAL FARM SCHEDULE, 1920

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DOMESTIC ANIMALS, POULTRY, AND BEES ON THIS FARM JANUARY 1, 1920, AND ANIMAL PRODUCTS IN 1919. <small>(Report all animals on this farm, whether belonging to the farm operator or not.)</small>			DOMESTIC ANIMALS, POULTRY, AND BEES ON THIS FARM JANUARY 1, 1920, AND ANIMAL PRODUCTS IN 1919—(Continued)		
34. Horses, January 1, 1920:			46. Poultry, January 1, 1920:		
1. Colts under 1 year of age.....	NUMBER.	TOTAL VALUE.	1. Chickens.....	NUMBER.	TOTAL VALUE.
2. Colts 1 year old and under 2 years of age.....		\$	2. Turkeys.....		
3. Mares 2 years old and over.....			3. Ducks.....		
4. Geldings 2 years old and over.....			4. Geese.....		
5. Stallions 2 years old and over.....			5. Guinea fowls.....		
35. Mules, January 1, 1920:			6. Pigeons.....		
1. Mule colts under 1 year of age.....		\$	47. Eggs and chickens:		
2. Mule colts 1 year old and under 2 years of age.....			1. Eggs produced in 1919 (include only chicken eggs produced, whether sold, used, incubated, or otherwise disposed of)	QUANTITY.	TOTAL VALUE.
3. Mules 2 years old and over.....			Doz.		X X X
36. Asses and burros (all ages), January 1, 1920:			2. Eggs sold in 1919 produced on this farm.....	DOZ.	\$
			3. Chickens raised in 1919 (include all chickens raised, whether sold, consumed, or on hand).....	No.	X X X
			4. Chickens sold in 1919 (include those raised on this farm sold alive or dressed).....	No.	\$
37. Beef cattle, January 1, 1920 (cattle kept mainly for beef production):			48. Bees, January 1, 1920:		
1. Calves under 1 year of age.....	NUMBER.	TOTAL VALUE.	1. Hives of bees.....	NUMBER.	TOTAL VALUE.
2. Heifers 1 year old and under 2 years of age.....		\$	49. Honey and beeswax:		
3. Cows and heifers 2 years old and over.....			1. Honey produced in 1919 (include all honey whether used on the farm, sold, or otherwise disposed of).....	QUANTITY.	
4. Steers 1 year old and under 2 years of age.....			Lbs.		
5. Steers 2 years old and over.....			2. Beeswax produced in 1919.....	Lbs.	
6. Bulls 1 year old and over.....			50. Pure-bred animals, January 1, 1920:		
38. Dairy cattle, January 1, 1920 (cattle kept mainly for milk production):			<small>(Report the number and breed of any animals on this farm that are registered. All animals reported here must be included under Inquiries 34, 37, 38, 41, or 45.)</small>		
1. Calves under 1 year of age.....		\$	1. Pure-bred mares and mare colts.....	NUMBER.	
2. Heifers 1 year old and under 2 years of age.....			<small>(Give breed.)</small>		
3. Cows and heifers 2 years old and over.....			2. Pure-bred stallions and stallion colts.....	NUMBER.	
4. Bulls 1 year old and over.....			<small>(Give breed.)</small>		
39. Milk produced in 1919:			3. Pure-bred cows and heifers of all ages.....	NUMBER.	
1. Total amount of milk produced.....	QUANTITY.	TOTAL VALUE.	<small>(Give breed.)</small>		
Gals.		X X X	4. Pure-bred bulls and bull calves.....	NUMBER.	
<small>Include milk fed to animals, consumed on farm, sold, or otherwise disposed of (100 pounds equal 11.5 gallons).</small>			<small>(Give breed.)</small>		
40. Disposition of milk:			5. Pure-bred sheep and lambs.....	NUMBER.	
1. Milk sold in 1919.....	Gals.	\$	<small>(Give breed.)</small>		
2. Cream sold in 1919.....	Gals.		6. Pure-bred hogs and pigs.....	NUMBER.	
3. Butter fat sold in 1919.....	Lbs.		<small>(Give breed.)</small>		
4. Butter made on farm in 1919.....	Lbs.	X X X	51. Young animals raised on this farm in 1919:		
5. Butter sold in 1919.....	Lbs.		<small>(Include all young animals born in 1919, which have been retained on the farm, sold to others, or slaughtered for food. Do not include any young animals purchased or any that died.)</small>		
6. Cheese made on farm in 1919.....	Lbs.	X X X	1. Calves.....	NUMBER.	
41. Sheep and lambs, January 1, 1920:			2. Lambs.....		
1. Lambs under 1 year of age.....	NUMBER.	TOTAL VALUE.	3. Pigs.....		
2. Ewes 1 year old and over.....		\$	52. Domestic animals slaughtered on this farm for food in 1919:		
3. Rams 1 year old and over.....			KIND.	Number slaughtered on this farm.	Meat and meat products sold (pounds).
4. Wethers 1 year old and over.....			1. Cattle and calves.....		
42. Wool shorn in 1919:			2. Hogs and pigs.....		
1. Number of sheep shorn in 1919.....		X X X	3. Sheep and lambs.....		
2. Total weight and value of fleeces.....	Lbs.	\$	53. Farm facilities, January 1, 1920:		
43. Goats and kids, January 1, 1920:			1. Number of tractors on this farm.....		
1. Kids under 1 year of age raised for fleeces.....	NUMBER.	TOTAL VALUE.	2. Number of automobiles on this farm.....		
2. Goats 1 year old and over raised for fleeces.....		\$	3. Number of motor trucks on this farm.....		
3. All other goats and kids.....			4. Has this farm a telephone?.....	<small>(Answer Yes or No.)</small>	
44. Mohair (goat hair) shorn in 1919:			5. Is water piped into the operator's house?.....	<small>(Answer Yes or No.)</small>	
1. Number of goats shorn in 1919.....		X X X	6. Has the operator's house gas or electric light?.....	<small>(Answer Yes or No.)</small>	
2. Total weight and value of fleeces.....	Lbs.	\$	54. Cooperation in marketing in 1919:		
45. Hogs and pigs, January 1, 1920:			1. Value of products of this farm sold to or through a farmers' marketing organization in 1919.....	\$	
1. All pigs under 6 months old.....	NUMBER.	TOTAL VALUE.	2. Value of all farm supplies purchased for this farm from or through a farmers' organization in 1919.....	\$	
2. Sows and gilts for breeding purposes, 6 months old and over.....		\$			
3. Boars for breeding purposes, 6 months old and over.....					
4. All other hogs, 6 months old and over.....					

IRRIGATION, JANUARY 1, 1920.			CROPS GROWN ON THIS FARM IN 1919—Continued.																																																																				
55. If any part of this farm is irrigated, give total number of acres irrigated in 1919 _____ 56. Name of irrigation enterprise supplying water: _____ (Acres.) _____ (If enterprise supplies less than 5 farms, secure irrigation schedule.) 57. Amount expended in 1919 for irrigation water, exclusive of payment for equipment or rights \$ _____ 58. Were any crops grown on this farm in 1919 without irrigation? _____ (Answer Yes or No.)			61. Grains and seeds: (Report only crops grown for the grain and seed and harvested after ripening. Where crops are grown together but harvested separately, such as corn with peanuts, corn with cowpeas, etc., give a part of the acreage to one crop and a part to the other, according to the best judgment of the farm operator.)																																																																				
EXPLANATIONS AND INSTRUCTIONS. Crops. —Frequently farmers will be found who are renting additional land January 1, 1920, which they did not rent in 1919, or who have changed farms in 1919 after a part or all of the crops have been harvested. All crop figures should apply to the land included in this farm January 1, 1920, as given in answer to Inquiry 16. If the present occupant of this farm did not operate all or any of it in 1919, he should answer the questions to the best of his knowledge for the person who did farm the land. Acres. —When area of crop is one acre or over, give the nearest whole number of acres; when less than one acre, give fraction of an acre. Unit of Measure. —Obtain a report of quantities in the measure called for on the schedule, reducing to the unit called for all crops not so reported. Always report the quantity of corn harvested in bushels of shelled corn. A bushel of shelled corn weighs 56 pounds and is equivalent to 70 pounds of dry corn in the ear, or to 2 bushel baskets level full or 1½ bushel baskets heaped of husked ear corn, or 6 level or 4 heaped bushel baskets of unhusked corn. Lack of Space. —When necessary, cross out the name of any crop not grown, write in name of crop grown, and report acres and products in the usual manner. Crops in Orchard. —If a crop is grown in an orchard, give acreage only of land actually occupied by the crop.			1. Mixed crops not separated in harvesting (oats and barley, oats and peas, etc.): _____ (Give name.) Bu. _____ Bu. _____ 2. Corn (Do not include sweet or pop corn.) _____ (Give name.) Bu. _____ Bu. _____ Wheat: 3. Winter (fall sown) _____ Bu. _____ Bu. _____ 4. Spring (spring sown) _____ Bu. _____ Bu. _____ 5. Oats _____ Bu. _____ Bu. _____ 6. Barley _____ Bu. _____ Bu. _____ 7. Rye _____ Bu. _____ Bu. _____ 8. Buckwheat _____ Bu. _____ Bu. _____ 9. Kafir, milo, feterita, and durra _____ Bu. _____ Bu. _____ 10. Rough rice _____ Bu. _____ Bu. _____ 11. Flaxseed _____ Bu. _____ Bu. _____ Grass seed: 12. Red clover seed, including medium and mammoth _____ Bu. _____ Bu. _____ 13. Other clovers and alfalfa seed: _____ Bu. _____ Bu. _____ _____ (Give name.) Bu. _____ Bu. _____ 14. Timothy seed _____ Bu. _____ Bu. _____ 15. Seeds of other grasses: _____ Bu. _____ Bu. _____ _____ (Give name.) Bu. _____ Bu. _____ 16. Soy beans _____ Bu. _____ Bu. _____ 17. Navy, pinto, lima, and other ripe field beans: _____ Bu. _____ Bu. _____ _____ (Give name.) Bu. _____ Bu. _____ 18. Canada, cow, and other ripe field peas: _____ Bu. _____ Bu. _____ _____ (Give name.) Bu. _____ Bu. _____ 19. Peanuts _____ Bu. _____ Bu. _____ 20. Other grains and seeds: _____ Bu. _____ Bu. _____ _____ (Give name.) Bu. _____ Bu. _____																																																																				
			62. Potatoes (Irish or white) _____ Bu. _____ Bu. _____ 63. Sweet potatoes and yams _____ Bu. _____ Bu. _____ 64. Other field crops: 1. Cotton _____ Bales _____ X X X 2. Broom corn _____ Lbs. _____ X X X 3. Tobacco: _____ Lbs. _____ X X X _____ (Give type.) Lbs. _____ X X X 4. Hops _____ Lbs. _____ X X X 5. Hemp _____ Lbs. _____ X X X 6. Velvet beans (total acres alone or mixed with other crops) _____ X X X X X X 7. Other crops: _____ (Give name.) X X X																																																																				
CROPS GROWN ON THIS FARM IN 1919. NOTE.—Place X before name of each crop irrigated in answer to Enquiries 59 to 72.			65. Farm garden: 1. Value of all vegetables, including white potatoes and sweet potatoes, grown in 1919 for home use only \$ _____ 66. Vegetables produced in 1919 for sale, not for home use: <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>KIND.</th> <th>Number of acres or fraction of an acre harvested.</th> <th>Quantity harvested.</th> <th>Unit of measure.</th> <th>Value.</th> </tr> </thead> <tbody> <tr><td>1. Cabbages</td><td></td><td></td><td></td><td>\$</td></tr> <tr><td>2. Cantaloupes and muskmelons</td><td></td><td></td><td></td><td></td></tr> <tr><td>3. Celery</td><td></td><td></td><td></td><td></td></tr> <tr><td>4. Cucumbers</td><td></td><td></td><td></td><td></td></tr> <tr><td>5. Green beans</td><td></td><td></td><td></td><td></td></tr> <tr><td>6. Green peas</td><td></td><td></td><td></td><td></td></tr> <tr><td>7. Lettuce</td><td></td><td></td><td></td><td></td></tr> <tr><td>8. Onions</td><td></td><td></td><td></td><td></td></tr> <tr><td>9. Sweet corn</td><td></td><td></td><td></td><td></td></tr> <tr><td>10. Tomatoes</td><td></td><td></td><td></td><td></td></tr> <tr><td>11. Watermelons</td><td></td><td></td><td></td><td></td></tr> <tr><td>12. Other: _____ (Give name.)</td><td></td><td></td><td></td><td></td></tr> </tbody> </table>				KIND.	Number of acres or fraction of an acre harvested.	Quantity harvested.	Unit of measure.	Value.	1. Cabbages				\$	2. Cantaloupes and muskmelons					3. Celery					4. Cucumbers					5. Green beans					6. Green peas					7. Lettuce					8. Onions					9. Sweet corn					10. Tomatoes					11. Watermelons					12. Other: _____ (Give name.)				
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11. Watermelons																																																																							
12. Other: _____ (Give name.)																																																																							
59. Sirup and sugar crops: (Report all cane and beets grown to feed live stock under Inquiry 60: Hay and forage.) 1. Sweet sorghum harvested for sirup (acres) _____ Tons _____ 2. Sweet sorghum sirup made on farm _____ X X X Gals _____ (Include sirup made for farm operator on shares or otherwise in small neighborhood mills.) 3. Sugar beets harvested for sugar (acres) _____ Tons _____ 4. Sugar cane harvested for sirup or sugar (acres) _____ Tons _____ 5. Sugar cane sold for crushing _____ X X X Tons _____ 6. Sugar cane sirup made on farm _____ X X X Gals _____ (Include sirup made for farm operator on shares or otherwise in small neighborhood mills.) 7. Maple trees tapped in 1919 (number) _____ X X X 8. Maple sirup made in 1919 _____ X X X Gals _____ 9. Maple sugar made in 1919 _____ X X X Lbs. _____			60. Hay and forage: 1. Timothy alone _____ Tons _____ Tons _____ 2. Timothy and clover mixed _____ Tons _____ Tons _____ 3. Clover alone (including lespedeza) _____ (Give name.) Tons _____ Tons _____ 4. Alfalfa _____ Tons _____ Tons _____ 5. Small grains cut for hay _____ (Include wheat, oats, barley, rye.) Tons _____ Tons _____ 6. Annual legumes cut for hay _____ (Give name.) Tons _____ Tons _____ (Include cowpeas, soy beans, peanuts, and vetches cut for hay.) 7. Other tame or cultivated grasses cut for hay _____ Tons _____ Tons _____ (Include Bermuda, Johnson, crab grass, orchard grass, redtop, millet, sudan grass, etc.) 8. Wild, salt, or prairie grasses cut on this farm _____ Tons _____ Tons _____ 9. Crops cut for silage _____ Tons _____ X X X 10. Corn cut for forage or fodder (dry weight) _____ Tons _____ X X X 11. Kafir, milo, durra, sweet sorghum, and sugar cane cut for forage or fodder (dry weight) _____ Tons _____ X X X 12. Root crops for forage _____ Tons _____ X X X (Include sugar beets, turnips, sweet potatoes, rutabagas, mangels, carrots, etc., grown for forage.) 13. Mature crops grazed or hogged off _____ (Give name.) X X X X X X (Include corn, velvet beans, soy beans, peanuts, sweet potatoes, rape, kale, etc.)																																																																				

