

APPENDIX
The Questionnaire
Index to tables

(333)

THE QUESTIONNAIRE

This inquiry is authorized by Act of Congress (46 Stat. 21; 18 USC 201-218) which requires that you file a report. Your report is accorded confidential treatment, subject to the provisions

FORM A1 U.S. DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS WASHINGTON

ILLINOIS **AGRICULTURE QUESTIONNAIRE**
Seventeenth Decennial Census of the United States: **1950**
Agriculture Questionnaire Number _____
(To be filled by Census Enumerator)

The Census Enumerator will pick up and review your questionnaire with you. If you do not know how to answer a particular question, place a question mark beside that question and the Census Enumerator will help you when he calls.

Section I.—PERSON IN CHARGE, APRIL 1, 1950; AND AGRICULTURAL OPERATIONS
(If a member of the family or anyone else fills this questionnaire for the person in charge, please be sure that all the information is given FOR THE PERSON IN CHARGE.)

1. What is your name? _____ (If a partnership, give names of all partners)
2. What is your address? _____ (Route or street number) (Post Office) (State)
3. What is your race? (a) White (b) Negro (c) Other; What race?
4. How old were you on your last birthday? _____ (Years)
5. Is this place a farm? NO. IF "NO," ANSWER QUESTIONS 6 AND 7. YES. IF "YES," SKIP TO QUESTION [8].
6. What is the total acreage in this place? _____ (Acres)
7. Were there in 1949 or will there be in 1950 on this place—
(a) 25 or more chickens? ducks? geese? pigeons? No Yes
(b) Any hogs? cattle? sheep? horses? goats? domestic rabbits? fur animals? other livestock? or bees? No Yes
(c) Any crops grown, such as corn, oats, wheat, etc.? No Yes
(d) Any hay cut? or land pastured or grazed? No Yes
(e) Any fruits? nuts? or nursery and greenhouse products? No Yes
(f) Any vegetables or berries grown for sale? No Yes
(If you have checked "No" for all questions, 7(a) through 7(f), do not fill the remainder of this questionnaire.)

Section II.—OWNERSHIP, RENTAL AGREEMENT, AND LOCATION OF LAND, APRIL 1, 1950

OWNED LAND:
[8] How many acres of land do you OWN? _____ (Whole acres) None
(If you own more than one tract of land, INCLUDE ALL LAND OWNED in this or an adjoining county. Include not only cropland but also pasture land, woodland, woodland, etc.)
If no land is owned, check the square for "None" above.

LAND RENTED FROM OTHERS:
9. How many acres of land do you RENT FROM others, including any worked on shares? _____ (Whole acres) None
(Include any separate fields, meadows, pasture land, woodland, wasteland, etc. Also, include land used by you rent free.)
If "None," check and skip to question [13].
(a) Give the following information for each landlord:

Name and address of landlord	How many acres are rented from each landlord? (acres)	Does the landlord live on a farm?
(Name) (Post Office) (State)		No Yes Not known <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
(Name) (Post Office) (State)		No Yes Not known <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

(List additional names under REMARKS. Total acres for all landlords must equal total for question 9.)

10. Do you rent any of this land from your own or your wife's parent, grandparent, brother, or sister? No Yes
12. (a) Do you pay to your landlord any cash as rent? No Yes
(b) Do you pay to your landlord any share of the crops? No Yes (Such as 1, 1, 1.)
(c) Do you pay to your landlord any share of the livestock or livestock products? (Such as 1, 1, 1.) No Yes
(d) Do you have this land under any other arrangement? No Yes (A fixed quantity of any product, upkeep of land and buildings, payment of taxes, keep of landlord, rent free, etc.)

LAND MANAGED FOR OTHERS:
[13] How many acres do you operate for others as a Hired Manager? _____ (Whole acres) None
(If a hired manager, enter the name and address of your employer under question 9 (a). If you manage land for others and also operate land on your own account, fill a separate questionnaire for each operation.)

LAND RENTED TO OTHERS:
14. How many acres are RENTED TO others, including land worked on shares? _____ (Whole acres) None
(Include any separate fields rented to others. Land worked by members of your household with your equipment should not be considered as rented to others.)

15. Acres in This Place.—To obtain this acreage, add acres owned (question 8) and acres rented from others (question 9); then subtract the acres rented to others (question 14) _____ (Acres)
(If a hired manager, subtract acres in question 14 from acres in question 15.)

LOCATION OF LAND:
16. Is all the land in this place (question 15) located in this county? No Yes
If "No"—
(a) How many acres are in this county? _____ (Acres)
(b) Give names of other counties and acres located in each:
(Name of county) (Acres) (Name of county) (Acres)

RESIDENCE:
17. Do you live on this place? No Yes
If "No," give location of all land in this place—
_____ acres are in (Township or precinct) (County) (State)
_____ acres are in (Township or precinct) (County) (State)

Section III.—CROPS HARVESTED IN 1949
Include all crops harvested last year on land in this place (question 15), whether harvested by you or by someone else. Be sure to include landlord's share. Do not report crops you grew on land now farmed or rented by others; these crops will be reported on someone else's questionnaire. Do not include crops which were a complete failure or which were not harvested because of labor shortage, low prices, or destruction from any cause.

CORN:
18. How much CORN was harvested for all purposes last year? _____ (Acres) None *
(Do not include sweet corn, popcorn, or broomcorn.)
If no corn was harvested, check and skip to question [24].
19. How much CORN was harvested for GRAIN? _____ (Acres) _____ Bu. (70 lb. per ear or 50 lb. shelled corn = 1 bu. Report corn hulled off in question 21, not here.)
20. How much CORN was cut for SILAGE? _____ (Acres) _____ Tons (Green weight)
21. How much CORN was hogged or grazed, or cut for green or dry fodder (ears not husked or stripped)? _____ (Acres) _____ X X X (The total of the acres for questions 19 to 21 must equal the acres for question 18.)
22. How much of last year's CORN crop was or will be SOLD? _____ (Acres) _____ Value of this corn and other corn products sold or to be sold. _____ \$ _____ /100 (Report landlord's share as sold except that used for seed or feed on this place.)

SORGHUMS: (Milo, beghar, atlas, sorghum cane, kafir, "Egyptian corn," sweet sorghums, etc. Report sweet sorghums for sirup in question 104.)
[24] How much SORGHUM was harvested for all purposes except sirup last year? _____ (Acres) None *
If "None," check and skip to SMALL GRAINS, question [30].
25. How much SORGHUM was harvested for GRAIN or for SWEET? _____ (Acres) _____ Bu. (Either threshed or combined or fed in the field after cutting from stalk. 1 ton heads = 25 bu. grain.)
26. How much SORGHUM was cut for SILAGE? _____ (Acres) _____ Tons (Green weight)
27. How much SORGHUM or cane was hogged or grazed, or cut for dry forage or hay? _____ (Acres) _____ Tons cut (Do not include acres reported in question 21.) (The total of the acres for questions 25 to 27 must equal the acres for question 24.)
28. What was the value of last year's SORGHUM crop which was or will be SOLD? _____ (Acres) _____ \$ _____ /100 (Report landlord's share as sold except that used for seed or feed on this place.)

SMALL GRAINS:
WHICH OF THE FOLLOWING SMALL GRAIN CROPS WERE HARVESTED LAST YEAR—

For each crop harvested, answer these three questions	(1) How many acres were harvested?	(2) How much was harvested?	(3) How much was sold or will be sold? (Include landlord's share as sold except that used for seed or feed on this place)
[30] GRAINS grown together and threshed as a MIXTURE (Wheat and oats; wheat and barley; wheat and rye; oats and barley; oats and peas. Underline mixture.) <input type="checkbox"/> None	Acres *	Bu. _____	Bu. sold _____
32. WINTER WHEAT threshed? <input type="checkbox"/> None	Acres *	Bu. _____	Bu. sold _____
33. SPRING WHEAT threshed? <input type="checkbox"/> None	Acres *	Bu. _____	Bu. sold _____
36. OATS threshed? <input type="checkbox"/> None	Acres *	Bu. _____	Bu. sold _____
37. OATS cut when ripe or nearly ripe for feeding unthreshed? <input type="checkbox"/> None (Report oats cut green for hay in question 74.)	Acres *	X X X _____	X X X _____
40. BARLEY threshed? <input type="checkbox"/> None	Acres *	Bu. _____	Bu. sold _____
41. RYE threshed? <input type="checkbox"/> None	Acres *	Bu. _____	Bu. sold _____
42. OTHER GRAIN threshed—Buckwheat, amaranth, spelt, flaxseed, proso millet? <input type="checkbox"/> None (Underline kind.)	Acres *	Bu. _____	Bu. sold _____
47. What was the total value of all small grain crops, including grain sirup, SOLD or to be sold? (Crops reported in questions 30 to 46.) _____ (Acres) _____ \$ _____ /100 (Dollars only)			_____

SOYBEANS AND COWPEAS:
48. How many SOYBEANS were grown for all purposes last year? _____ (Acres) None
If "None," check and skip to question [53].
49. How many SOYBEANS were harvested for BEANS? _____ (Acres) _____ Bu. _____
50. How many SOYBEANS were cut for HAY? _____ (Acres) _____ Tons _____
51. How many SOYBEANS were hogged or grazed, or cut for silage? _____ (Acres) _____ X X X _____
52. How many SOYBEANS were plowed under for green manure, not grazed or otherwise harvested? _____ (Acres) _____ X X X _____ (The total of the acres for questions 49 to 52 must equal the acres for question 48.)
[53] How many COWPEAS were grown for all purposes last year? _____ (Acres) None
If "None," check and skip to question [68].
54. How many COWPEAS were harvested for DRY PEAS? _____ (Acres) _____ Bu. _____
55. How many COWPEAS were cut for HAY? _____ (Acres) _____ Tons _____
56. How many COWPEAS were hogged or grazed, or cut for silage? _____ (Acres) _____ X X X _____
57. How many COWPEAS were plowed under for green manure, not grazed or otherwise harvested? _____ (Acres) _____ X X X _____ (The total of the acres for questions 54 to 56 must equal the acres for question 53.)
[58] What was the value of last year's soybeans and cowpeas which were or will be SOLD? _____ (Acres) _____ \$ _____ /100 (Report landlord's share as sold except that used for seed or feed on this place.)

of law. Your Census report will be used for statistical purposes only and cannot be used for purposes of taxation, investigation, or regulation.

Bureau of the Budget No. 41-6112. Annual returns December 31, 1949.

HAY CROPS: 69. FROM how many acres of land was hay cut last year? ... 70. ALFALFA for hay (or for dehydrating)? ... 71. CLOVER or TIMOTHY, alone or mixed, for hay? ... 72. LESPEDEZA for hay? ... 74. OATS, WHEAT, BARLEY, RYE, or other small grain cut FOR HAY? ... 76. ANY OTHER HAY? ... 77. ANY SILAGE made from grass or hay crops?

78. How much of last year's hay was or will be SOLD? ... CLOVER SEED, ALFALFA, REDTOP, AND OTHER GRASS, AND OTHER FIELD SEED CROPS: 81. How much RED CLOVER SEED was harvested? ... 82. How much LESPEDEZA SEED was harvested? ... 84. How much TIMOTHY SEED was harvested? ... 85. How much REDTOP SEED was harvested? ... 87. How much ALSIKE (CLOVER SEED) was harvested? ... 84. What OTHER FIELD SEED CROPS were harvested? ... 95. What was the value of last year's clover seed, alfalfa, grass, and other field seed crops which were or will be SOLD?

POTATOES AND OTHER CROPS: WHICH OF THE FOLLOWING CROPS WERE HARVESTED LAST YEAR? For each crop, answer these three questions: 96. Irish Potatoes for home use or for sale? ... 97. Sweetpotatoes for home use or for sale? ... 104. Sweet Sorghum for syrup? ... 107. Broomcorn? ... 108. Popcorn? ... 99. What was the value of last year's potato crop which were or will be SOLD?

VEGETABLES FOR HOME USE AND FOR SALE: 114. Were any vegetables, sweet corn, or melons harvested last year for home use? ... 115. Were any vegetables, sweet corn, or melons harvested last year for sale for market or to canners or other processors? ... HOW MANY ACRES WERE HARVESTED LAST YEAR FOR SALE? 117. Asparagus? ... 118. Green beans (snap, string, or wax)? ... 119. Green lima beans? ... 120. Beets (table)? ... 122. Cabbage? ... 123. Cantaloupe and muskmelon? ... 124. Carrots? ... 128. Sweet corn? ... 129. Cucumbers? ... 132. Horseradish? ... 134. Dry onions? ... 135. Green peas? ... 144. Sweet peppers and pimientos? ... 142. Spinach? ... 144. Tomatoes? ... 146. Watermelons? ... 147. Other? ... 148. What was the value of all vegetables SOLD last year?

BERRIES AND OTHER SMALL FRUITS: 149. Were any berries or other small fruits harvested last year for home use? ... 150. Were any berries or other small fruits harvested last year for sale? ... HOW MANY WERE HARVESTED LAST YEAR FOR SALE? 151. Strawberries? ... 153. Raspberries (lump)? ... 158. Other? ... 148. What was the value of all vegetables SOLD last year?

TREE FRUITS, NUTS, AND GRAPES: 159. Are any fruit or nut trees or grapevines on this place? ... 160. How much land is in bearing and nonbearing fruit orchards, groves, vineyards, and planted nut trees? ... WHICH OF THE FOLLOWING KINDS OF FRUIT AND NUT TREES ARE ON THIS PLACE? 161. APPLES? ... 162. PEACHES? ... 165. PEARS? ... 168. CHERRIES? ... 171. PLUMS and PRUNES? ... 174. APRICOTS? ... 178. GRAPES? ... 182. IMPROVED and SEEDLING PEANUTS? ... 189. OTHER TREE FRUITS and NUTS? ... 202. What was the value of last year's crop of fruits and nuts, including berries and other small fruits, that were or will be SOLD?

203. Have all the crops harvested last year on this place (question 15) been reported? ... 204. Were any nursery or greenhouse products, flowers, or bulbs grown for sale last year? ... 205. How many NURSERY PRODUCTS (trees, shrubs, vines, ornamentals, etc.) did you have last year? ... 206. How many FLOWERS and FLOWERING PLANTS were grown for sale? ... 207. How many of the following were produced for sale: Vegetables grown under glass, flower seeds, vegetable seeds, vegetable plants, bulbs, and mushrooms? ... Section IV.—LAND USE IN 1949: 208. Acres in This Place—(copy acres from question 15). Now we want to distribute this land according to how it was used last year. ... 209. From how many acres of land were CROPS HARVESTED (including hay cut) last year? ... To Be Filled by CENSUS ENUMERATOR: (a) Add acres of all crops (with * in Section II) and enter total here ... (b) From how many acres of land were two crops harvested last year? ... (c) Subtract the acres for (b) from (a) and enter difference here ... 210. How many acres of cropland were used only for pasture (or grazing) last year? ... 211. How many acres of cropland have not been accounted for? ... 213. How many acres of woodland were pastured (or grazed) last year? ... 214. How many acres of woodland were not pastured (or grazed) last year? ... 215. How many acres were in other pasture (other than cropland pastured and woodland pastured)? ... 216. How many acres were in house lots, barn lots, lanes, roads, ditches, and wasteland? ... Section V.—YEAR BEGAN OPERATION, AND OFF-FARM WORK AND OTHER INCOME IN 1949: 217. When did you begin to operate this place? ... OFF-FARM WORK AND OTHER INCOME: 218. How many days did you work last year off your farm? ... 219. Did any other member of your family living with you have a nonfarm job, business, profession, or work on someone else's farm last year? ... 220. Did you have any income last year from any of the following sources—sale of products from land rented out, cash rent, boarders, old age assistance, pensions, veterans' allowances, unemployment compensation, interest, and help from members of your family? ... 221. Was the income which you and your family received from work on the farm and from other sources (listed in questions 218, 219, and 220) greater than the total value of all agricultural products sold from your place last year? ... Section VI.—IRRIGATION IN 1949: 222. How many acres were IRRIGATED last year? ... 223. How many acres in this place were irrigated by sprinklers last year?

Section VII.—FOREST PRODUCTS IN 1949

[230] How much was received last year from the sale of standing timber? None sold (Dollars only) _____/00

231. Were any forest products cut last year? (We want a report of the firewood, fence posts, sawlogs, etc. cut for home use or for sale.) No Yes

If "No," check and skip to question [243].

232. How much FIREWOOD was cut last year on this place? None Cord(s) _____ (4' x 4' x 8')

233. How many FENCE POSTS were cut last year on this place? None Number _____

234. How many SAWLOGS and VENEER LOGS were cut last year on this place? None Board feet _____

237. How much was received last year from the sale of firewood, fence posts, logs, lumber, pulpwood, and piling and poles? None sold (Dollars only) _____/00

238. How much was received last year from the sale of bark, bolts, Christmas trees, hewn ties, mine timbers, stumps, maple syrup, maple sugar, and other miscellaneous forest products? None sold (Dollars only) _____/00

Section VIII.—PASTURE RECEIPTS IN 1949

[243] How much was received last year from the sale of pasture or grazing privileges? None (Dollars only) _____/00 (Livestock pastured for others on a per head basis, at so much per month, etc.)

Section IX.—LIVESTOCK ON THIS PLACE, APRIL 1, 1950, AND LIVESTOCK PRODUCTION IN 1949

Include all animals on this place owned by you and by others.

MULES AND HORSES, APRIL 1, 1950:

245. Are any mules, horses, No. If "No," check and skip to question [249], or ponies on this place? Yes

246. How many are MULES and MULE COLTS of all ages? (Number) _____

247. How many are HORSES and COLTS of all ages, including ponies? (Number) _____

CATTLE AND CALVES, APRIL 1, 1950:

[248] How many cattle and calves of all ages are on this place? None (Number) _____ (Include all cattle and calves, both dairy and beef, on this place.)

If "None," check and skip to question [287].

OF THE TOTAL CATTLE AND CALVES ON THIS PLACE—

249. How many are COWS? Include heifers that have calved. (Number) _____

250. How many are CALVES born since Jan. 1, this year? (Include only the calves that are on this place.) (Number) _____

251. How many are heifers and heifer calves born before Jan. 1, this year? (Do not include any heifers that have calved.) (Number) _____

252. How many are bulls, bull calves, steers, and steer calves born before Jan. 1, this year? (The total of the numbers for questions 249 to 252 must equal the number for question 248.) (Number) _____

COWS MILKED YESTERDAY:

253. How many COWS and HEIFERS were MILKED YESTERDAY? None (Number) _____

254. How many MILK COWS were on this place yesterday? Include dry milk cows and milk heifers that have calved. None (Number) _____

255. How many gallons of MILK were produced yesterday? (Gallons) _____

256. How many pounds of BUTTER were CHURNED last week? None (Pounds) _____

HOGS AND PIGS, APRIL 1, 1950:

[257] How many hogs and pigs of all ages, including sows and boars, are on this place? None (Number) _____

If "None," check and skip to question [260].

258. How many are less than 4 months old? (Number) _____

259. How many are 4 months old and over? (The total of the numbers for questions 258 and 259 must equal the number for question 257.) (Number) _____

SHEEP AND LAMBS, APRIL 1, 1950:

[260] How many ewes, rams, wethers, and lambs of all ages are on this place? None (Number) _____

If "None," check and skip to question [272].

261. Of the total, how many are LAMBS born since Oct. 1, last year? (Number) _____

262. Of the total sheep and lambs born before Oct. 1, last year, how many are—

(a) EWES? (Number) _____

(c) RAMS and WETHERS? (Number) _____ (The total of the numbers for questions 261 to 262 (c) must equal the number for question 260.)

GOATS, RABBITS, AND FUR ANIMALS IN CAPTIVITY:

[272] Are any of the following on this place or were any kept last year—

(a) GOATS? No Yes

(b) DOMESTIC RABBITS? No Yes

(c) FUR ANIMALS in captivity? No Yes

If "No" in (a), (b), and (c), check and skip to question [274].

273. What was the value of mohair clipped, and what was the value of goats and kids, goat milk, rabbits (alive or dressed), fur animals, and pelts SOLD in 1949? None (Dollars only) _____/00

SOWS AND GILTS FARROWING:

[274] How many sows and gilts have farrowed since December 1, last year? None (Number) _____

275. How many sows and gilts are expected to farrow between now and June 1, this year? None (Number) _____

ANIMALS SOLD ALIVE IN 1949:

WHICH OF THE FOLLOWING ANIMALS WERE SOLD ALIVE LAST YEAR (1949)— (Report as sold animals received by or sold for your landlord. Report all sales for last year whether or not made from this place.)

For each kind, answer these two questions.	(1) How many were sold?	(2) What was the value of sales in 1949?
276. HOGS and PIGS sold (last year, 1949)? <input type="checkbox"/> None	(Number) _____	\$ _____/00 (Dollars only)
277. CALVES sold (last year, 1949)? <input type="checkbox"/> None	(Number) _____	\$ _____/00 (Dollars only)
278. CATTLE, not counting calves, sold (last year, 1949)? <input type="checkbox"/> None	(Number) _____	\$ _____/00 (Dollars only)
279. SHEEP and LAMBS sold (last year, 1949)? <input type="checkbox"/> None	(Number) _____	\$ _____/00 (Dollars only)
280. HORSES and MULES sold (last year, 1949)? <input type="checkbox"/> None	(Number) _____	\$ _____/00 (Dollars only)

FARM BUTCHERING IN 1949:

281. Were any hogs, calves, cattle, or lambs butchered last year on your place or for you? No. If "No," check and skip to question [287]. Yes

282. How many HOGS and PIGS were butchered last year? None (Number) _____

283. How many CALVES were butchered last year? None (Number) _____

284. How many CATTLE, not counting calves, were butchered last year? None (Number) _____

285. How much was received from the sale of meat, lard, hides, and other products from animals butchered last year (1949)? (Report or sold any meat or meat products received by or sold for your landlord.) None sold (Dollars only) _____/00

DAIRY PRODUCTS SOLD IN 1949:

(Report all sales for last year whether or not made from this place. Report as sold dairy products received by or sold for your landlord.)

[287] Was any milk, cream, No. If "No," check and skip to question [291], butter, or cheese sold last year (1949)? Yes

288. How much WHOLE MILK was sold last year? sold None

1. Lb. of milk	Value of sales in 1949 <input type="checkbox"/> (Dollars only) _____/00
OR 2. Lb. of buterfat	
OR 3. Gallons of milk	

289. How much CREAM was sold last year? sold None

None	Value of sales in 1949 <input type="checkbox"/> (Dollars only) _____/00
Pounds of butterfat	(If cream sold by gallon, multiply the number of gallons by 21 to get pounds of butterfat.)

290. How much was received from the sale of BUTTER, BUTTERMILK, SKIM MILK, and CHEESE last year? Do not include whole milk and cream. None sold (Dollars only) _____/00

WOOL SHORN IN 1949:

[291] How many sheep and lambs were shorn last year (1949)? None (Number) _____

If "None," check and skip to question [294].

292. How many pounds of wool were shorn last year (1949)? (Pounds) _____

293. What was the value of the wool shorn last year (1949)? None (Dollars only) _____/00

POULTRY, APRIL 1, 1950, AND PRODUCTION IN 1949:

[294] Are any chickens, turkeys, or other poultry on this place or were any kept last year? No. If "No," check and skip to question [302]. Yes

295. How many CHICKENS, 4 months old and over, are on this place? None on hand (Hen, pullet, rooster, etc.)

296. How many CHICKENS, including old hens and roosters, pullets, cockerels, and broilers, were SOLD last year? (Do not include baby chicks.) (Number) _____

Value of sales in 1949 <input type="checkbox"/> (Dollars only) _____/00

297. How many dozens of chicken EGGS were SOLD last year? None (Dozens) _____

Value of sales in 1949 <input type="checkbox"/> (Dollars only) _____/00

298. How many TURKEYS were RAISED last year? (Include those raised from poult broods, hatched on this place, or raised under contract, whether sold, eaten, or now on hand.) None (Number) raised _____

299. How many TURKEYS, 4 months old and over, are on this place? None on hand

300. How many DUCKS, GEESE, and other poultry (not counting chickens and turkeys) were RAISED last year? None (Give name) (Number) raised _____

301. How much was received from the sale of TURKEYS and TURKEY EGGS, and DUCKS, GEESE, and THEIR EGGS last year? (Do not include chickens and chicken eggs.) None sold (Dollars only) _____/00

BEES AND HONEY IN 1949:

[302] Were any bees owned by you last year? No. If "No," check and skip to question [306]. Yes

303. How many hives of BEES did you own last year? (Number) _____

304. How many pounds of HONEY were produced last year by your bees? (Pounds) _____

305. What was the value of last year's honey and wax SOLD or to be sold, and bees SOLD? None (Dollars only) _____/00

Section X.—FACILITIES AND EQUIPMENT, APRIL 1, 1950

Include equipment and facilities that are temporarily out of order.

306. Is there a TELEPHONE on this place? No Yes

307. Do you have a MILKING MACHINE? No Yes

308. Does this place have ELECTRICITY? No. If "No," check and skip to question [310].
 (1) Yes, from a power line. What was the amount of your last monthly electric bill? \$ (Dollars) (Cents)

309. DO YOU HAVE—

(a) Electric water pump? No Yes
 (b) Electric hot water heater? No Yes
 (c) Home freezer? No Yes
 (d) Electric washing machine? No Yes
 (e) Electric chick brooder? No Yes
 (f) Electric power feed grinder? No Yes

310. HOW MANY OF THE FOLLOWING ARE ON THIS PLACE—

Include all equipment kept on this place owned by you or by others.

	Number	Year of newest model
(a) Grain combines? (For harvesting and threshing grain or seeds in one operation.)		
(b) Corn pickers?		
(c) Pick-up hay balers?		
(d) Upright silos?		
(e) Pit or trench silos?		
(f) Motor trucks?		
(g) Wheel tractors other than garden? (If home-tractor enter 134 under year of newest model.)		
(h) Garden tractors?		
(i) Crawler tractors? (Track type, not self-propelled.)		
(j) Automobiles? (Include all automobiles belonging to you, hired workers, or others living on this place.)		

Section XI.—FARM LABOR LAST WEEK

311. About how many hours last week did you (the person in charge of this place) do farm work or chores on this place? None 1 to 14 hours 15 to 34 hours 35 to 54 hours 55 hours or more

312. How many OTHER MEMBERS OF YOUR FAMILY worked on this place 15 hours or more during last week at farm work or chores, WITHOUT RECEIVING CASH WAGES? None (Persons)

313. How many HIRED PERSONS worked any time last week on this place at farm work or chores? None (Persons)

If "None," check and skip to question [316].

314. How many of these hired persons working last week do you expect to employ for—

(a) 150 days or more during the year? (Persons)

(b) Less than 150 days during the year? (Persons)

(The total of the numbers for questions 311 (a) and (b) must equal the number for question 313.)

315. What is the present rate of pay and hours of work of these hired persons (question 313)? (Enter information below.)

(a) How many of these hired persons were paid on—	(b) What was the agreed cash rate of pay? (If more than one person, give average)	(c) How many hours per person are these workers expected to work to earn this pay?	(d) What, other than cash wages, did these workers receive? (Check which)
Monthly basis? (Persons)	\$ (Per month)	_____ hours per month	Board <input type="checkbox"/> Other <input type="checkbox"/> and <input type="checkbox"/> room <input type="checkbox"/> None <input type="checkbox"/>
Weekly basis? (Persons)	\$ (Per week)	_____ hours per week	Board <input type="checkbox"/> Other <input type="checkbox"/> and <input type="checkbox"/> room <input type="checkbox"/> None <input type="checkbox"/>
Daily basis? (Persons)	\$ (Per day)	_____ hours per day	Board <input type="checkbox"/> Other <input type="checkbox"/> and <input type="checkbox"/> room <input type="checkbox"/> None <input type="checkbox"/>
Hourly basis? (Persons)	\$ (Dollars and cents per hour)	XXXXXXXXXXXXXXXX	Board <input type="checkbox"/> Other <input type="checkbox"/> and <input type="checkbox"/> room <input type="checkbox"/> None <input type="checkbox"/>
Piecework basis? (Persons)	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	Board <input type="checkbox"/> Other <input type="checkbox"/> and <input type="checkbox"/> room <input type="checkbox"/> None <input type="checkbox"/>

Section XII.—EXPENDITURES IN 1949

If you are renting land from others, include all expenses paid by you and by your landlord.

316. How much was spent last year for MACHINE HIRE? (Include tractor hire, tilling, combining, silo filling, haying, plowing, and spraying.) None \$ (Dollars only)

317. How much was spent last year for HIRED LABOR? (Do not include housework, custom work, or contract construction work. Include cash payments only.) None \$ (Dollars only)

318. How much was spent last year for FEED for livestock and poultry? (Include cost of grain, hay, molasses, concentrates, and roughages; also amounts paid for grinding and mixing feed.) None \$ (Dollars only)

319. How much was spent last year for PURCHASE OF LIVESTOCK AND POULTRY (including baby chicks)? None \$ (Dollars only)

320. How much was spent last year for GASOLINE and other petroleum FUEL and OIL for the farm business? None \$ (Dollars only)

321. How much was spent last year for SEEDS, MULCH, PLANTS, and FERTILIZER? None \$ (Dollars only)

322. How much was spent last year for TRACTOR REPAIRS, including cost of repairing, parts, tires, tubes, and batteries? None \$ (Dollars only)

323. How much was spent last year for FARM MACHINERY REPAIRS other than for tractors, motortrucks, and automobiles? None \$ (Dollars only)

Section XIII.—MISCELLANEOUS INFORMATION, APRIL 1, 1950

TRADING CENTER:

324. What is the distance to the trading center to which you go most frequently? Less than 1 mile OR Miles (Include routes) None OR Miles and tenths of a mile.

(a) Of this distance, how much is over dirt or unimproved roads? None OR Miles and tenths of a mile.

KIND OF ROAD:

325. On what kind of road is this place located? 1. Hard surface 2. Gravel, shell, or slate (Check one) 3. Dirt or unimproved

VALUE, DEBT, AND TAXES:

(When reporting the value of the land, give the approximate amount for which the land and buildings on it would sell. Do not report assessed values. Give other value per acre or total value.)

LAND OWNED BY YOU:

326. Enter here answer for question 8. None (Acres) If "None," skip to question [329].
 (a) How much would this land and the buildings on it sell for? \$ (Per acre) OR \$ (Total value, dollars only)

327. Is there any MORTGAGE DEBT on the land and buildings owned by you? No Yes. How much? \$ (Dollars only)

328. What was the total amount of property taxes paid (or payable) in 1949 on all property owned by you? \$ (Dollars only) None (Include only taxes on real estate and personal property. Do not include taxes for drainage districts.) Not shown separately.

(a) Of this total, what was the amount of taxes on the land and buildings? \$ (Dollars only) None an tax bill

LAND RENTED FROM OTHERS:

329. Enter here answer for question 9. None (Acres) If "None," skip to question [331].
 (a) How much would this land and the buildings on it sell for? \$ (Per acre) OR \$ (Total value, dollars only)

330. If you pay any cash as rent, what is the amount for the year? \$ (Dollars only)

LAND MANAGED FOR OTHERS:

331. Enter here answer for question 13. None (Acres) If "None," skip to question [332].
 (a) How much would this land and the buildings on it sell for? \$ (Per acre) OR \$ (Total value, dollars only)

LAND RENTED TO OTHERS:

332. Enter here answer for question 14. None (Acres) If "None," skip to question [333].
 (a) How much would this land and the buildings on it sell for? \$ (Per acre) OR \$ (Total value, dollars only)

L. R. _____ T. _____ C. E. L. _____ O. R. _____ W. P. _____ F. V. L. _____
 B. _____ A. _____ B. _____ L. _____ L. _____ L. _____ L. _____

333. Who furnished the information given in this report? (Check which)
 Operator; Wife or other member of operator's family; Landlord;
 Hired laborer; Neighbor; Other (Give name under REMARKS)

334. On what date was this questionnaire filled? (Give month and day) _____, 1950

REMARKS:

ENUMERATOR'S RECORD—To be filled by Census Enumerator.

STATE Illinois COUNTY _____ E. D. No. _____

TOWNSHIP OR PRECINCT _____

Is this place in the agriculture sample? No Yes
 Have you reviewed each section of this questionnaire? No Yes

Certified by _____ (Enumerator) Date _____ (Month) _____ (Day), 1950

Checked by _____ (Census Leader) Date _____ (Month) _____ (Day), 1950

(Reduced facsimile)

Item	Tables			Item	Tables		
	State	County	Economic area		State	County	Economic area
Abnormal farms.....	22, 27	7	8, 12	Facilities and equipment, specified.....	7, 13, 15	3, 6	5-8
Age of farm operator.....	5, 15	.....	1, 5-8	Fallow land. See Cultivated summer fallow.			
Alfalfa.....	12	5	.....	Farm labor.....	9, 13, 15, 19-22, 24-27	3, 6	2, 5-8
Almonds.....	12	5	.....	by color and tenure.....	20	.....	.....
Alsike clover seed.....	12	5	.....	by economic class.....	22	.....	.....
Angora goats and kids.....	11	4	.....	by size of farm.....	19	.....	.....
Animals, domestic.....	11, 13, 16	4, 6	3, 9-12	by type of farm.....	21	.....	.....
Animals, fur (in captivity).....	11	4	.....	Farm operators:			
Annual legumes, specified.....	12	5	.....	by age.....	5, 15	.....	1, 5-8
Apiaries.				by color.....	3, 5, 14, 15	2	.....
See Bees.				by residence.....	5, 15	1, 6	1, 5-8
Apples.....	12	5	4	by tenure.....	3, 13-16, 20, 25	2	6, 9-12
Apricots.....	12	5	.....	by years on farm.....	5, 15	.....	1, 5-8
Area, approximate land.....	1	1	1	Farm products, value of.....	11-13	4-7	3, 9-12
Asparagus.....	12	5	.....	Farm property, specified, value of.....	1, 4, 13, 15, 17, 18	.....	5-8
Automobiles.....	7, 8, 15	3, 6	5-8	Farm slaughter.....	11	4	3
				Farms, number.....	1, 2, 12-15, 24	1, 6, 7	1, 5-8
Barley.....	12	5	.....	by class of work power.....	1	3	5-8
Beans.....	12	5	.....	by color of operator.....	3, 5, 14-16	1, 2, 2a	.....
Bees.....	11	4	.....	by economic class.....	13, 16, 27	7	8-12
Beets.....	12	5	.....	by kind of road.....	7	3	5-8
Berries, specified.....	12	5	.....	by kind of workers.....	9	3, 6	2, 5-8
Blackberries, tame (included with				by size of farm.....	2, 13, 16	2	5, 8-12
Blackberries and dewberries).....	12	5	.....	by tenure of operator.....	3, 5, 13-16	2, 2a	6, 8-12
Blueberries (tame and wild).....	12	5	.....	by total value of products sold.....	13, 16	7	3, 9-12
Boysenberries (included with Logan-				by type of farm.....	13, 16, 22, 27	7	7, 9-12
berries and youngberries).....	12	5	.....	Feed, expenditures for.....	9, 13, 15	3, 6	5-8
Buckwheat.....	12	5	.....	Fence posts.....	12	5	.....
Bulbs. See Nursery and greenhouse products.				Field and seed beans, dry.....	12	5	.....
Butchered animals.....	11	4	3	Field and seed peas, dry.....	12	5	.....
Butter.....	11, 13	4	.....	Field-crop farms.....	13, 16, 21, 26	7	7, 9-12
Buttermilk sold (included with Butter,				Field crops.....	12, 13, 16	5, 7	4, 9-12
buttermilk, skim milk, and cheese sold).....	11, 13	4	.....	Figs.....	12	5	.....
				Filberts (included with Filberts and			
Cabbage.....	12	5	.....	hazelnuts).....	12	5	.....
Calves. See Cattle and calves.				Firewood and fuelwood.....	12	5	.....
Cane, sugar.....	12	5	.....	Flaxseed.....	12	5	.....
Cantaloups and muskmelons.....	12	5	.....	Flowers and flowering plants.....	12	5	.....
Carrots.....	12	5	.....	Forest products.....	12, 13	5, 7	9-12
Cash-grain farms.....	16, 21, 26	7	7, 9-12	Fruit-and-nut farms.....	12, 13, 16, 21, 26	7	7, 9, 10, 12
Cash rent.....	4, 17	.....	.....	Fruits and nuts.....	12, 13	5, 7	4, 9-12
Cash tenants.....	3, 14-16, 20, 25	2	6, 9-12	Full owners.....	3, 13-16, 18, 20, 25	1a, 2, 2a, 6	6, 9-12
Cash wages paid for farm labor.....	9, 19-23	4, 6	3, 9-12	Fur animals in captivity.....	11	4	.....
Cattle and calves.....	11, 13, 16	4, 6	3, 9-12				
Cauliflower.....	12	5	.....	Gasoline and other petroleum fuel and			
Celery.....	12	5	.....	oil, expenditures for.....	9, 13, 15	3, 6	5-8
Cherries.....	12	5	.....	Geese raised.....	11	4	.....
Cheese sold (included with Butter,				General farms.....	13, 16, 21, 26	7	7, 9, 10, 12
buttermilk, skim milk, and cheese sold).....	11, 13	4	.....	Gilts. See Sows and gilts.			
Chick brooder, electric.....	15	3	5-8	Goats and kids.....	11	4	.....
Chicken eggs sold.....	11, 13, 16	4, 6	3, 9-12	Gooseberries.....	12	5	.....
Chickens.....	11, 13, 16	4, 6	3, 9-12	Grain combines.....	7, 13, 15	3	5-8
Citrus fruits, specified.....	12	5	.....	Grains.....	12	5	.....
Classification, farm:				Grapefruit.....	12	5	.....
by color of operator.....	3, 5, 16	2	.....	Grapes.....	12	5	.....
by economic class.....	13, 16, 27	7	9-11	Grasses (tame or wild).....	12	5	.....
by size.....	2, 13, 16	2	5, 8-12	Grazing permits, operators with.....	14	2	.....
by tenure of operator.....	3, 13, 16	2	6, 9-12	Grazing privileges, receipts from.....	12	5	.....
by type.....	13, 16	7	9, 12	Green peas (English).....	12	5	.....
by value of products sold.....	13, 16	7	9-12	Greenhouse products. See Nursery and			
by work power.....	7, 15	.....	5-8	greenhouse products.			
Clover.....	12	5	.....	Hay, all kinds.....	12	5	4
Color and tenure of operator.....	3, 5, 13, 14	2	6, 9-12	Hay balers, pick-up.....	13, 15	3	5-8
Commercial farms.....	13, 16, 17, 22, 27	6	8-12	Hazelnuts (included with Filberts			
Corn.....	12, 13, 16	5, 6	4, 9-12	and hazelnuts).....	12	5	.....
Corn pickers.....	13, 15	2, 3, 6	5-8	Heifers (included with Cows and			
Cotton.....	12, 16, 21, 26	5, 7	8-10, 12	heifers).....	11, 13, 16	4, 6	3, 9-12
Cotton farms.....	16	5, 7	7-12	Hired labor, expenditures for.....	9, 13, 15, 19-22	3, 6	2, 5-8
Cottonseed (included with Cotton sold)				Hired workers.....	19, 20, 22-25, 27	.....	2
Cowpeas.....	12	5	.....	Hives of bees. See Bees.			
Cows and heifers.....	11, 13, 16	4, 6	3, 9-12	Hogs and pigs.....	11, 13, 16	4, 6	3, 9-12
Cream sold.....	11, 13	4	3	Home freezers.....	15	3	5-8
Crop and livestock farms, general.....	16, 21, 26	7	7, 9-12	Honey.....	11	4	.....
Cropland.....	1, 4, 12-15, 17, 18	1, 1a, 6	5-8	Hops.....	12	5	.....
Crop-share tenants.....	3, 14-16, 20, 25	2	6, 9-12	Horses and colts.....	11	4	.....
Croppers (separately for South only).....	3, 14-16, 20-25	2	6, 9-12	Horses and mules.....	11, 13, 16	4, 6	3, 9-12
Crops harvested. See individual crops.....	12, 16	5-7	4, 9-12	Horticultural specialties. See Nursery			
Cucumbers.....	12	5	.....	and greenhouse products.....	8, 12, 13, 16	5, 7	9-12
Cultivated summer fallow.....	14, 15	1	5-8	Hot water heater, electric.....	15	3	5-8
Dairy farms.....	13, 16, 21, 26	7	7, 9-12	Income, farm. See Value of farm			
Dairy products.....	11, 13	4, 6, 7	3, 9-12	products sold.....	12, 13, 15, 16	4, 5	3, 5, 9-12
Date of enumeration.....	6	4	.....	Irish potatoes.....	12	5, 6	4
Days worked off farm.....	5, 15	1	1, 5-8	Irrigated land.....	1, 13, 14, 15	1, 1a	5-8
Dewberries, tame (included with							
Blackberries and dewberries).....	12	5	.....	Kids. See Goats and kids.			
Dry field and seed beans.....	12	5	.....			
Dry field and seed peas (other than				Lambs. See Sheep and lambs.			
Austrian winter peas).....	12	5	.....	Land and buildings, value of.....	1, 4, 13, 15, 17, 18	1, 1a, 6	5-8
Ducks raised.....	11	4	.....	Land area, approximate.....	1	1	1
Durum and macaroni wheat.....	12	5	.....	Land in farms.....	1, 2, 4, 13-15, 17, 18	1, 1a, 2, 6	1, 5-9
				Land in fruit orchards, vineyards,			
Economic class of farm.....	13, 16, 27	7	8-12	and planted nut trees.....	12	5, 6	4
Eggs.....	11, 13, 16	4, 6	3, 9-12	Land in irrigated farms.....	.....	1a	.....
Electricity.....	7, 15	3, 6	5-8	Land pastured.....	1, 14, 15	1, 1a	5-8
Emmer and spelt.....	12	5	.....	Large farms.....	13	.....	.....
English or Persian walnuts.....	12	5	.....	Legumes, specified annual.....	12	5	.....
Ewes.....	11	4	.....	Lemons.....	12	5	.....
Expenditures, farm.....	8, 9, 13, 15, 19-22	3, 6	2, 5-8				

INDEX TO TABLES

Item	Tables			Item	Tables		
	State	County	Economic area		State	County	Economic area
Lespedeza.....	12	5	.....	Residential farms.....	22, 27	7	8, 12
Lettuce (included with Lettuce and romaine).....	12	5	.....	Rice.....	12	5	.....
Lima beans.....	12	5	.....	Road, kind of.....	7, 15	3, 6	5-8
Limes.....	12	5	.....	Root and grain crops hogged or grazed.....	12	5	.....
Livestock and livestock products sold.....	11, 13	4, 7	3, 9	Rye.....	12	5	.....
Livestock butchered.....	11	4	3	Ryegrass.....	12	5	.....
Livestock farms, other than dairy and poultry.....	13, 16, 21, 26	7	7, 9, 10, 12	Sales of livestock (sold alive).....	11, 13, 16	4, 6	9-12
Livestock-share tenants.....	14-16, 20, 25	2	6, 9-12	Sampling, reliability of.....	28, 29	.....	.....
Livestock, specified.....	11, 13, 16	4	3, 9, 11	Sawlogs and veneer logs.....	12	5	.....
Livestock sold alive.....	11, 13, 16	4, 6	9-12	Seed beans, dry field and.....	12	5	.....
Loganberries (included with Boysenberries and youngberries).....	12	5	4	Seed peas, dry field and.....	12	5	.....
Lupine seed.....	12	5	.....	Seeds.....	12	5	.....
Machine hire, expenditures for.....	13, 15	3, 6	5-8	Share-cash tenants.....	3, 14-16, 20, 25	2	6, 9-12
Machinery, farm.....	7, 8, 13, 15	3, 6	5-8	Share tenants and croppers.....	3, 14-16	2	9, 11, 12
Managed land.....	1, 14, 15	1	5-8	Sheep and lambs.....	11, 13	4	.....
Managers.....	3, 13-16, 20, 25	1a, 2, 2a, 6	6, 9-12	Silage.....	12	5	.....
Mandarins (included with Tangerines and mandarins).....	12	5	.....	Silos.....	15	3	5-8
Maple sirup.....	12	5	.....	Sirup.....	12	5	.....
Maple sugar.....	12	5	.....	Size of farm.....	2, 13, 16, 19, 24	2	1, 5, 8-12
Maple trees tapped.....	12	5	.....	Slaughter, farm.....	.....	4	3
Milk.....	11, 13	4	3	Small fruits.....	12	5	.....
Milk cows.....	11, 13, 16	4, 6	3, 9-12	Small grains.....	12	5	.....
Milking machine.....	7, 15	3	5-8	Snap beans.....	12	5	.....
Millet.....	12	5	.....	Sorghums.....	12	5	4
Mint for oil.....	12	5	.....	Sows and gilts.....	11, 13	4, 6	3
Miscellaneous and unclassified farms.....	13, 16, 21, 26	7	7, 10, 12	Soybeans.....	12	5	.....
Mixed grains.....	12	5	.....	Specified facilities. See Facilities and equipment.	.....	.....	.....
Mohair.....	11	4	.....	Specified farm expenditures.....	13, 15	3, 6	2, 5-8
Motortrucks.....	7, 8, 13, 15	3	5-8	Spinach.....	12	5	.....
Mules and mule colts.....	11	4	.....	Spring wheat.....	12	5	.....
Mungbeans.....	12	5	.....	Squash.....	12	5	.....
Navy beans.....	12	5	.....	Steers and bulls.....	11	4	.....
Nonwhite farm operators.....	3, 15, 16	2, 2a	.....	Strawberries.....	12	5	.....
Nursery and greenhouse products.....	8, 12, 13, 16	5, 7	.....	String beans.....	12	5	.....
Nuts, specified.....	12	5	.....	Sudan grass.....	12	5	.....
Oats.....	12	5	.....	Sugar beets, for sugar.....	12	5	.....
Off-farm work.....	5, 15	1, 6	1, 5-8	Sugarcane.....	12	5	.....
Olives.....	12	5	.....	Summer fallow, cultivated.....	14, 15	1	5-8
Onions.....	12	5	.....	Sweetclover.....	12	5	.....
Operators, farm:	.....	.....	.....	Sweet corn.....	12	5	.....
by age.....	5, 15	.....	1, 5-8	Sweetpotatoes.....	12	5	.....
by color.....	3, 5, 14-16	2	.....	Tangerines and mandarins.....	12	5	.....
by residence.....	5, 15	1, 6	1, 5-8	Taxes, farm.....	10, 18	.....	.....
by tenure.....	3, 13-16, 20, 25	2	6, 9-12	Telephone.....	7, 15	3, 6	5-8
by years on present farm.....	5, 15	.....	1, 5-8	Tenants.....	3, 13, 14-16, 20, 25	2	6, 9-12
Oranges.....	12	5	.....	Tenure of farm operator.....	3, 13-16, 20, 25	2, 6	6, 9-12
Owned land.....	1, 14, 15, 18	1	5-8	Timber.....	12, 16	5	.....
Part owners.....	3, 4, 13-18, 20, 25	1a, 2, 2a, 6	6, 9-12	Timothy.....	12	5	.....
Part-time farms.....	22, 27	7	8, 12	Tobacco.....	12	5	.....
Pasture.....	1, 13-15	1, 1a	5-8	Tomatoes.....	12	5	.....
Pasture receipts.....	12	5	.....	Tractors.....	7, 8, 15	3, 6	5-8
Peaches.....	5	4	.....	Tractor repairs.....	.....	3	5-8
Peanuts.....	12	5	.....	Trading center, distance to.....	7	3	.....
Pears.....	12	5	.....	Tree fruits, nuts, and grapes. See individual crops.	12	5	.....
Peas.....	12	5	.....	Tung nuts.....	12	5	.....
Pecans.....	12	5	.....	Turkeys.....	11	4	.....
Pelts. See Fur animals in captivity.	.....	.....	.....	Type of farm.....	13, 21, 26, 27	7	7, 9, 10, 12
Peppers.....	12	5	.....	Unclassified farms.....	13	7	9-12
Perquisites furnished hired workers.....	23, 24	.....	2	Uses of land.....	1, 13-15	1, 1a	5-8
by color and tenure.....	25	.....	.....	Values:	.....	.....	.....
by economic class.....	27	.....	.....	crops.....	12	5, 7	9-12
by size of farm.....	24	.....	.....	farm products sold.....	11, 12, 13	4-7	3, 9-12
by type of farm.....	26	.....	.....	farms (land and buildings).....	1, 13, 15, 18	1, 1a, 6	5-8
Pigs. See Hogs and pigs.	.....	.....	.....	livestock.....	11	4, 6	3, 9-12
Piling and poles.....	12	5	.....	Vegetable farms.....	13, 16, 21, 26	7	7, 9-12
Pimientos.....	12	5	.....	Vegetables.....	12	5	.....
Plums and prunes.....	12	5	.....	Velvetbeans.....	12	5	.....
Popcorn.....	12	5	.....	Vetches for seed.....	12	5	.....
Potatoes.....	12	5, 6	.....	Vineyards. See Land in fruit orchards, vineyards, and planted nut trees.	12	5	.....
Poultry.....	11, 13, 16	4, 6, 7	3, 9-12	Wages paid, cash.....	9, 19-23	3, 6	2, 5-8
Poultry farms.....	13, 16, 21, 26	7	7, 9-12	Walnuts (English or Persian).....	12	5	.....
Power feed grinder, electric.....	15	3	5-8	Washing machine, electric.....	7, 15	3	5-8
Power line, electric.....	7, 15	3	5-8	Water pump, electric.....	7, 15	3	5-8
Products, farm, value of.....	11-13	4, 5	3, 9-12	Watermelons.....	12	5	.....
Proso millet.....	12	5	.....	Wax beans.....	12	5	.....
Prunes (included with Plums and prunes).....	12	5	.....	Wheat.....	12	5	.....
Pulpwood.....	12	5	.....	White farm operators.....	3, 15, 16	2, 2a	.....
Rabbits and fur animals in captivity.....	11	4	.....	Wild hay.....	12	5	.....
Rams and wethers.....	11	4	.....	Winter wheat.....	12	5	.....
Raspberries, tame.....	12	5	.....	Woodland.....	1, 13-15	1, 1a	1, 5-8
Receipts from grazing privileges.....	12	5	.....	Wool shorn.....	.....	4	.....
Red clover seed.....	12	5	.....	Work off farm.....	5, 15	1, 6	1, 5-8
Redtop.....	12	5	.....	Years on farm.....	5	.....	1, 5-8
Rent, cash, paid.....	4, 17	.....	.....	Youngberries (included with Boysenberries and loganberries).....	12	5	.....
Rented land.....	1, 4, 14, 15, 17	1	5-8	.....	.....	.....	.....
See also Part owners and tenants.	.....	.....	.....	.....	.....	.....	.....
Residence of operator.....	5, 15	1, 6	1, 5-8	.....	.....	.....	.....