CHAPTER VIII.-FIELD CROPS AND VEGETABLES

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CHAPTER VIII.—FIELD CROPS AND VEGETABLES

Introduction.—This chapter, in the main, presents statistics for all field crops and vegetables harvested in 1939 in the continental United States, with the figures being shown not only for the United States but also for 9 geographic divisions and for each of the 48 States and the District of Columbia. Chapter IX, which follows, is entitled "Fruits and Nuts and Horticultural Specialties" and gives detailed data for berry crops, tree fruits, nuts, and grapes; and for nurseries, greenhouses, and other similar horticultural specialties. An over-all picture of crop production in the United States as a whole is presented in the first summary table in each of these chapters.

The data in this chapter include farms reporting, acreage, production, and value for each field crop and vegetable. Comparative figures for earlier census years beginning with the First Agricultural Census, 1840, when available, are given in full for the United States and for most of the crops by divisions and States. In some instances, the items presented for earlier years are not exactly comparable with those for 1940. In such cases, the data are guarded with footnotes or other explanations of their limitations.

In comparing the statistics for one census year with those for another, it should be borne in mind that the acreage of crops (or the number of fruit trees or vines) and the number of farms reporting are, on the whole, a better index of the general changes or trends in agriculture than the quantity of crop production, since variations in the quantity harvested may be due largely to favorable or unfavorable seasons or to other factors.

The 1940 Farm and Ranch Schedule was prepared in such manner that every crop grown on tracts of land listed as farms should have been enumerated. The number of crop inquiries was varied in different sections of the country so that separate questions could be carried for all crops widely grown in each major area. If a separate inquiry was not carried for a particular crop, that crop could be specified and reported under one of several "catch-all" questions on the schedule. By using a different schedule for each region, it was also possible to use the unit of measure that was most prevalent in an area for reporting production. In all, 9 regional schedules, differing only as to questions asked on crops, were used in the 1940 census. The States included in each region were:

Region 1
- Connecticut
- Delaware
- District of Columbia
- Illinois
- Indiana
- Iowa
- Maine
- Maryland
- Massachusetts
- Michigan
- Minnesota
- New Hampshire
- New Jersey
- New York
- Ohio
- Pennsylvania
- Rhode Island
- Vermont
- West Virginia
- Wisconsin

Region 2
- Kentucky
- Missouri
- North Carolina
- Tennessee
- Virginia

Region 3
- Alabama
- Georgia
- Mississippi
- South Carolina

Region 4
- Florida

Region 5
- Colorado
- Kansas
- Montana
- Nebraska
- North Dakota
- South Dakota
- Wyoming

Region 6
- Arkansas
- New Mexico
- Oklahoma

Region 7
- Louisiana
- Texas

Region 8
- Idaho
- Nevada
- Oregon
- Utah
- Washington

Region 9
- Arizona
- California

Although the number of questions relating to crops varied on the schedules used in each of the 9 regions, both the wording and the numbering of the individual questions were standardized. If a single, or master, schedule with standard questions had been prepared for all areas, 144 questions would have been required. The actual numbers of crop questions on the various regional schedules were:

Region 1 — 93	Region 4 — 91	Region 7 — 99
Region 2 — 82	Region 5 — 86	Region 8 — 84
Region 3 — 85	Region 6 — 83	Region 9 — 100

The field crop and vegetable questions were standard throughout the United States on both the 1935 and 1930 schedules. However, the 1935 schedule was varied for California in the method of reporting fruit production; and, in 1930, two different Special Fruits and Nuts Schedules were used in specified counties of specified States of the South and West.

In 1935 only one "catch-all" question was listed and this covered only acreage; no attempt was made to record production or the names of the crops. In 1930 a few such questions were provided on the schedule where crops grown only occasionally could be written in by the enumerator and provision was made for tabulating separately the reports on such crops.

Farms reporting.—The term "farms reporting" as used in the tables indicates the number of farms on which a specified crop was harvested. If there were 1,922 farms in a county and only 1,465 of these harvested corn for any purpose in 1939, and the enumeration of that item was complete, the number of farms reporting corn harvested would be 1,465.

Many tables include not only the total number of farms for which the specified crops were reported, but also a frequency distribution of the number of farms, classified by the number of acres of the crop harvested in 1939. The only frequency classifications shown for farms reporting crops for the year 1934 are for corn based on acreage harvested and for potatoes based on production. Frequencies for earlier years are not available. All of these frequency groupings of farms reporting for 1939 were the byproduct of machine tabulation. As a consequence, the number of groups in the acreage classification of any crop depended on machine capacity rather than on the importance of the crop.

Acreage.—The acreage given in the tables for the several field and vegetable crops represents the acreage harvested in the calendar year prior to the date of the census. The following instruction was given to the enumerators for 1940:

"If a crop which did not justify harvesting in the usual manner was grazed or hogged off, or was cut for forage, it should be considered as harvested. If, in harvesting, any appreciable part of a field was skipped, enter only the acres actually harvested. Where the entire field was gone over in harvesting, report the entire acreage as harvested even though the yield was small."

Due to crop failure or destruction, the acreage harvested is often less than the acreage planted. Statistics for the total acreage from which crops were not harvested because of failure are given in chapter I of this volume.

Where two or more crops were harvested in 1939 from the same acreage, a total of the acreages of the individual crops may properly exceed the acreage designated as "cropland harvested" as reported in chapter I of this volume. Examples of such duplication are: Grass seeds harvested from the same land from which hay was cut; two or more vegetable crops grown in succession; corn following potatoes; an annual legume, or hay crop, following a small grain; and peanut vines saved for hay where the crop was grown primarily for nuts.

Instructions were given to the enumerators to report fractional acreage for annual legumes (except where used for hay), Irish potatoes, sweetpotatoes, cotton, tobacco, sugarcane, sugar beets, hops, broomcorn, popcorn, mint, sorghums for sirup, other miscellaneous crops, and the various vegetables. The other crops were to be reported in whole acres.

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Dot maps presented in this chapter indicate the principal areas of production and importance of each, also, the increase or decrease in acreage that has occurred in the last decade. These maps are based upon the county as a unit and do not always indicate in exact detail where a crop was produced. For instance, the scale for the tobacco acreage dot map is 1 dot to 1,000 acres which required 1 dot in any county that harvested between 500 and 1,499 acres. This restriction made it impossible to show any tobacco production in Minnesota where 470 acres were harvested, or in Alabama where 525 acres were harvested but no county had as many as 500 acres.

Production.— The 1940 Farm and Ranch Schedule called for the quantity of field crops harvested in 1939. For the first time the schedule emphasized "combining" as a standard means of harvesting and for all small grains, asked for acres and production of grain "threshed" (or "combined"). No production figures were secured for corn hogged or grazed off by livestock; corn cut for fodder and not husked or snapped; oats cut when ripe or nearly ripe and fed unthreshed; legumes hogged or grazed off; root and grain crops hogged or grazed off; or for vegetables (other than Irish potatoes and sweetpotatoes). Where production was reported in fractions of a unit, the fractions were rounded to whole numbers, except for bales of cotton, which were to be reported in eighths. In farm gardens, the acreage of individual vegetables (except potatoes) is, generally, so small as to offer no satisfactory unit in which to report either area or production. Variability in containers used in marketing makes it difficult to reduce production of commercial vegetables to a common denominator. For these reasons, only value of all vegetables grown for home use and acreage and value of each vegetable harvested for sale were secured.

Units of measure.—The unit of measure, for reporting production of some crops, has varied from one census year to the next. Previously it has been indicated that the schedule for 1940 made it possible to secure the production of certain crops in varying units for the geographic regions. In the State bulletins and in volume I, which carry data by counties, the production for each crop is shown in the unit called for on the schedule for the particular region in which the State is located. In the tables of this volume the production for an individual crop is shown in a common unit for all States. In the earlier censuses, production of a crop was quite generally, though not universally, reported in a standard unit for all areas with the result that the quantity harvested was asked for in some areas in terms of containers not widely used in those areas.

Conversion factors used in converting productions to the units carried on the tables are given under the discussion of each individual crop. For a few of the crops, the type of container, or weight, per unit has varied so much from one census year to another that it has been deemed inadvisable to show the production for other years in terms of the current year's unit. Peanuts, which were reported in pounds in 1939 and in bushels in earlier years, afford a good example of the difficulty of converting production. There has been a considerable shift in the type of peanuts grown in the various States owing principally to the market demands, and, in part, to farm production practices and crop programs. The Virginia type of peanut weighs 22 pounds per bushel; Southeastern Runner type, 28 pounds per bushel; and the Spanish type, 30 pounds per bushel. Production of these types has varied widely within many of the States through the years and no reliable data on the production by types within the States are available.

Value.—Value of vegetables for farm household use and of vegetables harvested for sale, excluding Irish and sweet potatoes, were secured for each individual farm by the enumerators. Prior to 1920, values of field crops were also enumerated. In 1920 field crops were calculated by counties using State average unit prices for each crop. In 1925 values were calculated by counties using average unit prices established, in most instances, for crop reporting districts (groups of contiguous counties). In 1935, the values were calculated by States only, using State average unit prices. The values shown in the 1930 and 1940 Census Reports were obtained by multiplying the number of units of the crop harvested in each county by an average unit price. For most items these unit prices were county averages and were obtained and calculated cooperatively by the Bureau of the Census, Department of Commerce, and the Agricultural Marketing Service of the Department of Agriculture. These unit values were based for the most part upon the average prices reported by correspondents to the Division of Agricultural Statistics of the Agricultural Marketing Service.

Irrigated crops.—The schedules used in Regions 5 to 9, inclusive, made provision for reporting the irrigated acres harvested in 1939 for many of the crops, in addition to the total acreage harvested. These irrigated acreages are shown in table 63 along with the nonirrigated acreages. No provision was made on the schedules for showing separately the total production on irrigated land. However, the tabulation plan provided for a separation of the acreage and production of those farms reporting a crop wholly irrigated and of the farms reporting a crop wholly nonirrigated. The average yields for such wholly irrigated and wholly nonirrigated crops are also shown in table 63. The total area of irrigated land from which crops were harvested and of irrigated pasture is shown for all States in chapter I.

Appraisal of statistics.—The data for the 1940 Census, as for the 1935 Census, were tabulated by small geographic units. Tabulations of statistics in this manner made possible a comprehensive and detailed appraisal of the work of each enumerator. Thus, the detection and correction of errors resulting from a misunderstanding of the schedule were greatly facilitated. This was particularly true in regard to reports under wrong inquiries or reports of production in units other than those specified on the schedule. Undetected misplaced entries probably affected the results to some extent, particularly in areas where the crop listed on the schedule was of minor importance. Where evident, all misplaced entries were corrected and it is believed the uncorrected errors resulting from this or other causes, do not affect the totals to any appreciable extent.

For the minor crops, the names of which had to be written on the schedule by the enumerator, the results are probably less complete than for the listed crops; except, possibly where a crop considered to be of minor significance nationally, was of decided economic importance locally.

Comparability of previous statistics.—The comparability of the statistics for 1939 with those for previous censuses is affected by the wording of the specific inquiries, the inclusion or exclusion on the schedule of related items, the number of questions included, their relative position, the date of enumeration, and many other factors. Reference notes or comments in the text under the individual crops call attention to the more important differences resulting from changes in the schedule.

Summary of all crops.— The United States acreage and value data for all crops for 1939 are assembled in table 1 with, approximately, comparable totals for earlier years. In considering the total acreage of crops and in comparing the acreages of the specified crops shown in the succeeding tables, the principal points which must be noted are as follows:

Italics are used to designate crops in table 2 for which the acreage is duplicated or largely duplicated. For example, under "Annual legumes for all purposes, except plowed under for green manure" the acreages of annual legumes, grown with other crops, duplicated the acreages of the companion crops. Likewise, the acreages of annual legumes harvested for hay are italicized because they are largely duplicated. The production and value, however, are not duplicated even though the acreage may be duplicated. If two or more grains were grown in a mixture, there would not be a duplication of acreage because, with one exception—wheat and flax which were separated in the enumeration—such mixtures were reported under "mixed grains." If crops were interplanted the acreages would be largely duplicated; however, no italics would indicate the duplication in table 2 because it is impossible to segregate the portion duplicated in the harvested acreages of the individual crops that were interplanted. For further discussion of the duplication of harvested acreages see the text discussion under "acreage."

It is to be remembered that the total acres of "crops harvested" frequently exceeds the "Land from which crops were harvested," due to two or more crops being harvested from the same land in the same calendar year. Thus, a 10-acre field of alfalfa might be harvested one or more times for hay and once for seed in the same calendar year, and would contribute 20 acres to the total acres of "crops harvested" but only 10 acres to the "Land from which crops were harvested."

Some of the crop inquiries have differed in the various census years. For example, in the census of 1940, sorghums for silage were reported separately from those which were cut for hay or fodder. In the censuses of 1935 and 1930 the silage, hay, and fodder were listed as a combined figure. In 1940, vetches, velvetbeans, mung and horse beans were secured under one question and dry field and seed peas under a separate question; while in 1935 velvetbeans, vetches, Canada and other ripe field peas were combined under one question. In 1930, a question was carried relating to velvetbeans and one covering Canada, marrowfat, Scotch, and other ripe field peas. The 1940 and 1930 schedules separated other tame and wild hay while these crops were listed under "All other tame and wild grasses cut for hay" in 1935. Sweetclover and lespedeza cut for hay were shown separately for the first time in 1940. These crops were reported as a combined figure in 1935.

TABLE 1.—ALL CROPS—ACREAGE AND VALUE, FOR THE UNITED STATES: 1879 TO 1939

(The first Agricultural Census was in 1840. Total acreage of crops not secured prior to 1879 and total value of crops not secured prior to 1899)

ITEM AND YEAR	ACREAGE			VALUE (DOLLARS)		
	Total	Increase or decrease (-)		Total	Percent increase or decrease (-)	Average per acre
		Acres	Percent			
Cropland harvested—1939	321,242,430	25,618,254	8.7	xxxxxxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxx
1934	295,624,176	-63,617,915	-17.7	xxxxxxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxx
1929	359,242,091	14,692,824	4.3	xxxxxxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxx
1924	344,549,267	———	———	xxxxxxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxx
All crops [1]—1939	324,238,361	25,596,013	8.6	5,705,464,370	27.4	17.60
1934	298,642,348	-63,302,209	-17.5	4,479,015,137	-45.5	15.00
1929	[2] 361,944,557	———	———	8,223,514,886	10.0	22.72
1924	(3)	(3)	(3)	7,472,534,858	-49.0	(3)
[4] 1919	348,603,729	37,310,347	12.0	14,646,177,769	177.0	42.01
1909	311,293,382	28,075,102	9.9	5,287,773,834	83.1	16.99
1899	283,218,280	63,512,716	28.9	2,888,049,680	———	10.20
1889	219,705,564	53,518,980	32.2	(3)	(3)	(3)
1879	166,186,584	———	———	(3)	(3)	(3)
Field crops and vegetables—1939	318,713,646	26,518,973	9.1	5,174,572,362	26.6	16.24
1934	[5] 292,194,673	-63,277,044	-17.8	4,086,754,249	-44.9	13.99
1929	355,471,717	7,172,252	2.1	7,422,105,931	-46.2	20.88
1919	348,299,465	37,377,409	12.0	13,807,034,128	175.7	39.64
1909	310,922,056	28,082,345	9.9	5,008,415,454	83.8	16.11
1899	282,839,711	———	———	2,725,292,203	———	9.64
Fruits and nuts and horticultural specialties—1939	5,524,715	-922,960	-14.3	530,892,008	35.3	96.09
1934	[5] 6,447,675	-25,165	-0.4	392,260,888	-51.1	60.84
1929	[2] 6,472,840	(6)	(6)	801,408,955	-4.5	123.81
1919	[7] 304,264	-67,062	-18.1	839,143,641	200.4	xxxxxxxxxx
1909	[7] 371,326	-7,243	-1.9	279,358,380	71.6	xxxxxxxxxx
1899	[7] 378,569	———	———	162,757,477	———	xxxxxxxxxx

[1] Total acreage of crops for which figures are available. [2] Acreage for horticultural specialties not included. [3] Not available. [4] 14,502,932 acres of corn cut for fodder were excluded as most of this acreage was probably duplicated in the acreage of corn harvested for grain. The value of this fodder, $206,934,650, was also excluded. [5] Only strawberries reported in small fruits; other small fruits included in field crops. [6] Data not comparable. See note 7. [7] Acreage in fruit orchards, vineyards, and planted nut trees not secured prior to 1930.

Changes in acreage of crops.— The total acreage of all crops harvested in 1939 was 324,238,361 which is an increase of 8.6 percent over the 298,642,348 acres recorded for 1934. Due to the severe and widespread drought of that year, the 1934 acreage of crops harvested was the lowest recorded since 1899. Examination of the 1939 data by geographic divisions and States shows that the States in the West North Central, West South Central, and Mountain Divisions had not returned to the high acreage of crops recorded in those divisions in 1929. In fact, nearly all the difference between the 361,944,557 acres harvested in 1929 and the area harvested in 1939 is accounted for in these 3 western divisions where crop acreages witnessed such remarkable expansion in the two decades prior to 1930 and were so severely injured by the drought of 1934. That much of this formerly planted and harvested acreage is still considered by farmers as being potential cropland is indicated by the 1939 acreage of "idle or fallow cropland" enumerated in these western divisions, as compared with similarly classed land in 1929.

Not only has the total acres of crops been curtailed compared with the 1929 peak but some very decided shifts have taken place in types of crops raised. Particular attention is directed to the lower acreage of cotton, corn, and wheat; and the higher acreage of grain sorghums and annual legumes as compared with 1929.

Changes in value of crops.— Values in succeeding censuses involve the variables of change in acreage, change in yield per acre, and change in unit price. Values are not particularly satisfactory in comparing changes between census years unless changes in price levels are taken into account. Value is the common unit that successfully measures the importance of an individual crop compared with another crop or with all crops in an individual year. The low value of all crops recorded in 1934 was not only the result of low yields and reduced harvested acreage caused by drought but also by low unit values. The higher value recorded for the 1939 production reflects larger acreages, higher yields, and improvement in unit prices. The very high value of all crops recorded in 1919 is a reflection of the inflation in farm prices that took place during World War I. The reader is cautioned against any assumption that these values of crops are representative of either gross or net farm income from that source. They are only a valuation placed on such crops assuming all of the harvested production to have been sold for cash on the basis of an average price per unit. A high percentage of some of the crops evaluated actually reach market channels as livestock or livestock products. Much is consumed on the farm where produced.

Individual crops.—Totals for individual field and vegetable crops harvested in 1939 are presented for the United States in tables 2 to 6, and by divisions and States in tables 7 to 62. The amount of comparative data from former censuses presented in State tables has been limited somewhat by space.

In presenting the statistics, certain derived figures are shown to facilitate analysis of the data. Percentages and averages reduce the figures to a common basis and for many purposes are much more convenient to use than the basic data. For 1939, 1934, 1929, and 1924 the relative importance of the various major crops is shown by percent of cropland harvested represented by each crop. The figures for cropland harvested were first secured for 1924. The percentages prior to that year were based on the total acreage of crops harvested for which figures were available.

TABLE 2.—FARMS REPORTING, ACREAGE HARVESTED, PRODUCTION, AND VALUE OF SPECIFIED FIELD CROPS FOR THE UNITED STATES: 1839 TO 1939

[The First Agricultural Census was in 1840. Increase or decrease not shown for periods of more than 10 years. Figures in italics are not included in totals shown in table 1. Percent not shown when 1,000 or more. Figures for divisions and States are shown in tables 7 to 56]

CROP AND YEAR	FARMS REPORTING		ACREAGE					PRODUCTION				VALUE (DOLLARS)			
	Number	Percent of all farms	Total	Increase or decrease (-)		Percent of cropland harvested[1]	Average per farm reporting	Total	Increase or decrease (-)		Yield per acre	Total	Percent increase or decrease (-)	Average per unit	Average per acre
				Acres	Percent				Amount	Percent					
Corn (all purposes)[2] 1939	4,456,259	73.1	86,989,626	-486,818	-0.6	27.1	19.5	(3)	(3)	(3)	(3)	1,475,003,617	.....	(3)	16.96
1934	4,849,724	71.2	87,476,444	-10,264,296	-10.5	29.6	18.0	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1929	4,597,949	73.1	97,740,740	-660,887	-0.7	27.2	21.3	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1924	4,760,457	74.7	98,401,627	.....	.....	28.6	20.7	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
								Bushels	Bushels		Bu.				
Corn for grain 1939	4,141,018	67.9	77,431,592	15,184,440	24.4	24.1	18.7	2,311,399,925	1,141,962,394	97.7	29.9	1,305,150,781	35.6	0.56	16.86
1934	4,055,986	59.5	62,247,152	-20,914,371	-25.1	21.1	15.3	1,169,437,531	-961,314,251	-45.1	18.8	962,548,584	-41.2	0.82	15.46
1929	4,148,791	66.0	83,161,523	832,680	1.0	23.1	20.0	2,130,751,782	306,781,609	16.8	25.6	1,635,909,664	-12.5	0.77	19.67
1924	4,195,922	65.9	82,328,843	-5,442,757	-6.2	23.9	19.6	1,823,880,173	-521,952,334	-22.3	22.2	1,868,569,375	-46.7	1.02	22.70
1919	4,936,692	76.6	87,771,600	-10,611,065	-10.8	25.2	17.8	2,345,832,507	-206,357,123	-8.1	26.7	3,507,797,102	143.8	1.50	39.97
1909	4,813,175	75.7	98,382,665	3,468,992	3.7	31.6	20.4	2,552,189,630	-114,134,740	-4.3	25.9	1,438,553,919	73.7	0.56	14.62
1899	4,697,498	81.9	94,913,673	22,825,921	31.7	33.5	20.2	2,666,324,370	543,996,823	25.6	28.1	828,192,388	.....	0.31	8.73
1889	(3)	(3)	72,087,752	9,719,248	15.6	32.8	(3)	2,122,327,547	367,735,871	21.0	29.4	(3)	(3)	(3)	(3)
1879	(3)	(3)	62,368,504	.....	.....	37.5	(3)	1,754,591,676	993,647,127	130.6	28.1	(3)	(3)	(3)	(3)
1869	(3)	(3)	(3)	(3)	(3)	(3)	(3)	760,944,549	-77,848,193	-9.3	(3)	(3)	(3)	(3)	(3)
1859	(3)	(3)	(3)	(3)	(3)	(3)	(3)	838,792,742	246,721,638	41.7	(3)	(3)	(3)	(3)	(3)
1849	(3)	(3)	(3)	(3)	(3)	(3)	(3)	592,071,104	214,539,229	56.8	(3)	(3)	(3)	(3)	(3)
1839	(3)	(3)	(3)	(3)	(3)	(3)	(3)	377,531,875	.....	.....	(3)	(3)	(3)	(3)	(3)
								Tons	Tons		Tons				
Corn cut for silage 1939	422,558	6.9	4,440,397	434,858	10.9	1.4	10.5	32,533,463	3,361,282	11.5	7.33	128,373,022	-9.7	3.95	28.91
1929	379,364	6.0	4,005,539	-222,273	-5.3	1.1	10.6	29,172,181	764,221	2.7	7.28	142,140,561	.....	4.87	35.49
1924	377,961	5.9	4,227,812	224,586	5.6	1.2	11.2	28,407,960	-1,274,061	-4.3	6.72	(3)	(3)	(3)	(3)
1919	378,887	5.9	4,003,226	.....	.....	1.1	10.6	29,682,041	.....	.....	7.41	240,022,388	.....	8.09	59.96
Corn hogged or grazed, or cut for fodder 1939	412,130	6.8	5,117,637	-5,456,041	-51.6	1.6	12.4	(3)	(3)	(3)	(3)	41,479,814	.....	(3)	8.11
1929	(3)	(3)	10,573,678	-1,271,294	-10.7	2.9	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1924	(3)	(3)	11,844,972	-2,657,960	-18.3	3.4	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
[4] 1919	1,413,490	21.9	14,502,932	.....	.....	4.2	10.3	17,793,742	.....	.....	1.23	206,934,650	.....	11.63	14.27
Sorghums (all purposes, including sirup) 1939	949,783	15.6	14,173,932	3,894,472	37.9	4.4	14.9	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxx	xxxxx	109,683,087	20.8	xxxxx	7.74
[5] 1934	(3)	(3)	10,279,460	2,265,495	28.3	3.5	(3)	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxx	xxxxx	90,791,089	-4.2	xxxxx	8.83
1929	(3)	(3)	8,013,965	313,871	4.1	2.2	(3)	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxx	xxxxx	94,724,769	.....	xxxxx	11.82
1924	693,010	10.9	7,700,094	.....	.....	2.2	11.1	xxxxxxxxxxxx	xxxxxxxxxxxx	xxxxx	xxxxx	(3)	(3)	(3)	(3)
								Bushels	Bushels		Bu.				
Sorghums for grain 1939	206,242	3.4	4,693,423	2,323,232	98.0	1.5	22.8	52,442,195	33,843,410	182.0	11.2	29,633,035	70.7	0.57	6.31
1934	159,897	2.3	2,370,191	-1,151,712	-32.7	0.8	14.8	18,598,785	-30,481,448	-62.1	7.8	17,360,241	-46.8	0.93	7.32
1929	167,723	2.7	3,521,903	-3,764	-0.1	1.0	21.0	49,080,233	-9,619,859	-16.4	13.9	32,640,336	-37.6	0.67	9.27
1924	(3)	(3)	3,525,667	-200,330	-5.4	1.0	(3)	58,700,092	-14,953,578	-20.3	16.6	52,321,330	-43.5	0.89	14.84
[6] 1919	129,947	2.0	3,725,997	2,090,644	127.9	1.1	28.7	73,653,670	56,056,365	318.6	19.8	92,524,296	755.4	1.26	24.83
[7] 1909	97,574	1.5	1,635,153	1,368,640	513.5	0.5	16.8	17,597,305	12,428,192	240.4	10.8	10,816,940	691.3	0.61	6.62
[8] 1899	19,782	0.3	266,513	.....	.....	0.1	13.5	5,169,113	.....	.....	19.4	1,367,040	.....	0.26	5.13
								Tons	Tons		Tons				
Sorghums cut for silage, hay, or fodder 1939	660,724	10.8	9,304,158	1,394,889	17.6	2.9	14.1	14,442,253	6,989,356	93.8	1.55	74,638,860	1.6	5.17	8.02
1934	743,174	10.9	7,909,269	3,553,350	81.6	2.7	10.6	7,452,897	1,053,512	16.5	0.94	73,430,848	34.1	9.85	9.28
1929	421,712	6.7	4,355,919	365,607	9.2	1.2	10.3	6,399,385	.....	.....	1.47	54,742,980	.....	8.55	12.57
1924	(3)	(3)	3,990,312	-756,537	-15.9	1.2	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
[9] 1919	475,626	7.4	4,746,849	.....	.....	1.4	10.0	7,912,973	.....	.....	1.67	112,854,077	.....	14.26	23.77
Sorghums cut for silage 1939	49,344	0.8	884,472	.....	.....	0.3	17.9	4,280,110	.....	.....	4.84	16,947,419	.....	3.96	19.16
Sorghums cut for hay or fodder 1939	623,718	10.2	8,419,686	.....	.....	2.6	13.5	10,162,143	.....	.....	1.21	57,691,441	.....	5.68	6.85
								Bushels	Bushels		Bu.				
Wheat threshed 1939	1,385,774	22.7	50,526,015	8,582,628	20.5	15.7	36.5	708,851,598	195,638,728	38.1	14.0	491,699,073	11.6	0.69	9.73
1934	1,363,741	20.0	41,943,387	-20,056,521	-32.3	14.2	30.8	513,212,870	-287,436,085	-35.9	12.2	440,603,053	-47.5	0.86	10.50
1929	1,208,368	19.2	61,999,908	11,137,678	21.9	17.3	51.3	800,648,955	-227,704	(10)	12.9	838,506,124	-19.2	1.05	13.52
1924	(3)	(3)	50,862,230	-22,237,191	-30.4	14.8	(3)	800,876,659	-144,526,556	-15.3	15.7	1,037,627,104	-50.0	1.30	20.40
1919	2,225,134	34.5	73,099,421	28,836,829	65.1	21.0	32.9	945,403,215	262,023,956	38.3	12.9	2,074,078,801	215.4	2.19	28.37
1909	1,458,667	22.9	44,262,592	-8,325,982	-15.8	14.2	30.3	683,379,259	24,845,007	3.8	15.4	657,656,801	77.8	0.96	14.86
1899	2,053,912	35.8	52,588,574	19,009,060	56.6	18.6	25.6	658,534,252	190,160,284	40.6	12.5	369,945,320	.....	0.56	7.03
1889	(3)	(3)	33,579,514	-1,850,819	-5.2	15.3	(3)	468,373,968	8,890,831	1.9	13.9	(3)	(3)	(3)	(3)
1879	(3)	(3)	35,430,333	.....	.....	21.3	(3)	459,483,137	171,737,511	59.7	13.0	(3)	(3)	(3)	(3)
1869	(3)	(3)	(3)	(3)	(3)	(3)	(3)	287,745,626	114,640,702	66.2	(3)	(3)	(3)	(3)	(3)
1859	(3)	(3)	(3)	(3)	(3)	(3)	(3)	173,104,924	72,618,980	72.3	(3)	(3)	(3)	(3)	(3)
1849	(3)	(3)	(3)	(3)	(3)	(3)	(3)	100,485,944	15,662,672	18.5	(3)	(3)	(3)	(3)	(3)
1839	(3)	(3)	(3)	(3)	(3)	(3)	(3)	84,823,272	.....	.....	(3)	(3)	(3)	(3)	(3)
Winter wheat 1939	1,124,138	18.4	36,135,753	2,073,368	6.1	11.2	32.1	542,748,788	111,670,205	25.9	15.0	376,650,493	1.9	0.69	10.42
1934	1,150,863	16.9	34,062,385	-6,367,970	-15.8	11.5	29.6	431,078,583	-138,625,005	-24.3	12.7	369,477,561	-38.6	0.86	10.85
1929	940,721	15.0	40,430,355	6,070,823	17.7	11.3	43.0	569,703,588	16,326,352	3.0	14.1	601,979,365	-15.5	1.06	14.89
1924	1,032,553	16.2	34,359,532	-15,553,461	-31.2	10.0	33.3	553,377,236	-188,370,974	-25.4	16.1	712,422,869	-55.8	1.29	20.73
1919	1,740,300	27.0	49,912,993	22,761,504	83.8	14.3	28.7	741,748,210	322,015,228	76.7	14.9	1,610,191,898	291.2	2.17	32.26
1909	1,174,021	18.5	27,151,489	.....	.....	8.7	23.1	419,732,982	.....	.....	15.5	411,648,205	.....	0.98	15.16
1869	(3)	(3)	(3)	(3)	(3)	(3)	(3)	175,195,893	.....	.....	(3)	(3)	(3)	(3)	(3)
Spring wheat 1939	279,337	4.6	14,390,262	6,509,260	82.6	4.5	51.5	166,102,810	83,968,523	102.2	11.5	115,048,580	61.8	0.69	7.99
1934	227,130	3.3	7,881,002	-13,688,551	-63.5	2.7	34.7	82,134,287	-148,811,080	-64.4	10.4	71,125,492	-69.9	0.87	9.02
1929	(3)	(3)	21,569,553	5,066,855	30.7	6.0	.....	230,945,367	-16,554,056	-6.7	10.7	236,526,759	-27.3	1.02	10.97
1924	267,939	4.2	16,502,698	-6,683,730	-28.8	4.8	61.6	247,499,423	43,844,418	21.5	15.0	325,204,235	-29.9	1.31	19.71
1919	566,811	8.8	23,186,428	6,075,325	35.5	6.7	40.9	203,655,005	-59,991,272	-22.8	8.8	463,886,903	88.6	2.28	20.01
1909	(3)	(3)	17,111,103	.....	.....	5.5	(3)	263,646,277	.....	.....	15.4	246,008,596	.....	0.93	14.38
1869	(3)	(3)	(3)	(3)	(3)	(3)	(3)	112,549,733	.....	.....	(3)	(3)	(3)	(3)	(3)
Durum and macaroni wheat threshed[11] 1939	49,018	0.8	3,003,228	-2,852,960	-48.7	0.9	61.3	30,977,380	-26,375,582	-46.0	10.3	21,008,285	-60.2	0.68	7.00
1929	71,721	1.1	5,856,188	.....	.....	1.6	81.7	57,352,962	.....	.....	9.8	52,786,167	.....	0.92	9.01
1909	37,017	0.6	2,502,872	.....	.....	0.8	67.6	39,958,947	.....	.....	16.0	31,751,233	.....	0.79	12.69
Spring wheat threshed, other than durum and macaroni[11] 1939	115,449	1.9	8,493,998	-7,219,367	-45.9	2.6	73.6	85,748,387	-87,844,018	-50.6	10.1	58,982,145	-67.9	0.69	6.94
1929	245,584	3.9	15,713,365	.....	.....	4.4	64.0	173,592,405	.....	.....	11.0	183,740,592	.....	1.06	11.69
1909	275,990	4.3	14,608,231	.....	.....	4.7	52.9	223,687,330	.....	.....	15.3	214,257,363	.....	0.96	14.67

[1] Percent of cropland harvested in 1939, 1934, 1929, and 1924; percent of the total acreage of crops for which figures are available for years prior to 1924. See chapter I, table 4. [2] Excludes sweet corn except for silage primarily, popcorn, "Egyptian corn," kafir, and milo maize. [3] Not available. [4] Corn cut for forage. [5] Excludes sorghums for sirup. [6] Farms reporting sorghums for grain only. Acreage, production, and value for sorghums for grain and seed. [7] Schedule inquiry was for kafir corn and milo maize with instructions to include all Jerusalem or "Egyptian corn" and kindred crops not specifically mentioned. [8] Schedule called for kafir corn with production in tons. Inquiry was listed under grains and seeds. Instructions on schedule called for reporting with kafir corn all Jerusalem corn, milo maize corn, and durra corn harvested after ripening for the grain. [9] Kafir, sorghums, etc., for forage. [10] Less than one-tenth of 1 percent. [11] Data were secured separately for 7 States only. See text discussion.

TABLE 2.—FARMS REPORTING, ACREAGE HARVESTED, PRODUCTION, AND VALUE OF SPECIFIED FIELD CROPS FOR THE UNITED STATES: 1839 TO 1939—Continued

[The First Agricultural Census was in 1840. Increase or decrease not shown for periods of more than 10 years. Figures in italics are not included in totals shown in table 1. Percent not shown when 1,000 or more. Figures for divisions and States are shown in tables 7 to 56]

CROP AND YEAR	FARMS REPORTING		ACREAGE					PRODUCTION				VALUE (DOLLARS)			
	Number	Percent of all farms	Total	Increase or decrease (-)		Percent of cropland harvested[1]	Average per farm reporting	Total	Increase or decrease (-)		Yield per acre	Total	Percent increase or decrease (-)	Average per unit	Average per acre
				Acres	Percent				Amount	Percent					
Oats threshed and cut and fed unthreshed[2]															
1939	1,777,518	29.2	32,306,771	3,685,995	12.9	10.1	18.2	(3)	(3)	(3)	(3)	289,071,546	.....	(3)	8.95
1934	(3)	(3)	28,620,776	-7,905,188	-21.6	9.7	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1929	(3)	(3)	36,525,964	-4,293,340	-10.5	10.2	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1924	(3)	(3)	40,819,304	.....	.....	11.8	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
								Bushels	*Bushels*		*Bu.*				
Oats threshed	1,493,970	24.5	29,933,108	5,344,342	21.7	9.3	20.0	870,258,195	411,478,625	89.7	29.1	269,694,442	24.9	0.31	9.01
1934	1,234,231	18.1	24,588,766	-8,877,259	-26.5	8.3	19.9	458,779,570	-533,987,342	-53.8	18.7	215,906,935	-47.4	0.47	8.78
1929	1,518,883	24.2	33,466,025	-4,184,130	-11.1	9.3	22.0	992,746,912	-311,852,171	-23.9	29.7	410,167,331	-32.8	0.41	12.26
1924	1,723,764	27.1	37,650,155	-340,847	-0.9	10.9	21.8	1,304,599,083	249,416,285	23.6	34.7	610,497,834	-28.6	0.47	16.22
1919	2,238,102	34.7	37,991,002	2,831,561	8.1	10.9	17.0	1,055,182,798	48,039,818	4.8	27.8	855,255,468	106.2	0.81	22.51
1909	2,174,006	34.2	35,159,441	5,619,743	19.0	11.3	16.2	1,007,142,980	63,753,605	6.8	28.6	414,697,422	91.0	0.41	11.79
1899	2,114,559	36.9	29,539,698	1,219,021	4.3	10.4	14.0	943,389,375	134,138,709	16.6	31.9	217,098,584	.....	0.23	7.35
1889	(3)	(3)	28,320,677	12,176,064	75.4	12.9	(3)	809,250,666	401,391,667	98.4	28.6	(3)	(3)	(3)	(3)
1879	(3)	(3)	16,144,593	.....	.....	9.7	(3)	407,858,999	125,751,842	44.6	25.3	(3)	(3)	(3)	(3)
1869	(3)	(3)	(3)	(3)	(3)	(3)	(3)	282,107,157	109,463,972	63.4	(3)	(3)	(3)	(3)	(3)
1859	(3)	(3)	(3)	(3)	(3)	(3)	(3)	172,643,185	26,059,006	17.8	(3)	(3)	(3)	(3)	(3)
1849	(3)	(3)	(3)	(3)	(3)	(3)	(3)	146,584,179	23,512,838	19.1	(3)	(3)	(3)	(3)	(3)
1839	(3)	(3)	(3)	(3)	(3)	(3)	(3)	123,071,341	.....	.....	(3)	(3)	(3)	(3)	(3)
Oats cut and fed unthreshed	339,414	5.6	2,373,663	-1,658,347	-41.1	0.7	7.0	(3)	(3)	(3)	(3)	19,377,104	.....	(3)	8.16
1934	544,626	8.0	4,032,010	972,071	31.8	1.4	7.4	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1929	454,975	7.2	3,059,939	-109,210	-3.4	0.9	6.7	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1924	509,324	8.0	3,169,149	.....	.....	0.9	6.2	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Barley threshed	535,384	8.8	12,024,208	3,831,113	94.2	3.7	22.5	260,980,878	150,939,332	137.2	21.7	106,847,385	44.2	0.41	8.89
1934	344,626	5.1	6,193,095	-6,697,677	-52.0	2.1	18.0	110,041,546	-153,548,419	-58.3	17.8	74,071,350	-47.5	0.67	11.96
1929	542,710	8.6	12,890,772	6,123,792	90.5	3.6	23.8	263,589,965	104,450,841	65.6	20.4	140,982,106	15.5	0.53	10.94
1924	357,521	5.6	6,766,980	294,092	4.5	2.0	18.9	159,139,124	37,114,351	30.4	23.5	122,081,728	-23.9	0.77	18.04
1919	448,985	7.0	6,472,888	-1,225,818	-15.9	1.9	14.4	122,024,773	-51,319,439	-29.6	18.9	160,427,255	73.5	1.31	24.78
1909	383,197	6.0	7,698,706	3,228,510	72.2	2.5	20.1	173,344,212	53,709,335	44.9	22.5	92,458,571	122.1	0.53	12.01
1899	272,913	4.8	4,470,196	1,249,362	38.8	1.6	16.4	119,634,877	41,301,901	52.7	26.8	41,631,762	.....	0.35	9.31
1889	(3)	(3)	3,220,834	1,223,107	61.2	1.5	(3)	78,332,976	34,335,481	78.0	24.3	(3)	(3)	(3)	(3)
1879	(3)	(3)	1,997,727	.....	.....	1.2	(3)	43,997,495	14,236,190	47.8	22.0	(3)	(3)	(3)	(3)
1869	(3)	(3)	(3)	(3)	(3)	(3)	(3)	29,761,305	13,935,407	88.1	(3)	(3)	(3)	(3)	(3)
1859	(3)	(3)	(3)	(3)	(3)	(3)	(3)	15,825,898	10,658,883	206.3	(3)	(3)	(3)	(3)	(3)
1849	(3)	(3)	(3)	(3)	(3)	(3)	(3)	5,167,015	1,005,511	24.2	(3)	(3)	(3)	(3)	(3)
1839	(3)	(3)	(3)	(3)	(3)	(3)	(3)	4,161,504	.....	.....	(3)	(3)	(3)	(3)	(3)
Rye threshed	207,021	3.4	3,555,729	1,641,958	85.8	1.1	17.2	35,843,953	19,610,261	120.8	10.1	15,852,490	34.5	0.44	4.46
1934	180,573	2.6	1,913,771	-1,119,031	-36.9	0.6	10.6	16,233,692	-18,069,132	-52.7	8.5	11,781,882	-59.8	0.73	6.16
1929	175,184	2.8	3,032,802	-710,760	-19.0	0.8	17.3	34,302,824	-21,370,990	-38.4	11.3	29,343,112	-49.3	0.86	9.68
1924	230,196	3.6	3,743,562	-3,935,443	-51.2	1.1	16.3	55,673,814	-20,318,409	-26.7	14.9	57,885,500	-50.3	1.04	15.46
1919	469,113	7.3	7,679,005	5,483,444	249.8	2.2	16.4	75,992,223	46,471,766	157.4	9.9	116,537,965	470.7	1.53	15.18
1909	275,796	4.3	2,195,561	141,269	6.9	0.7	8.0	29,520,457	3,951,832	15.5	13.4	20,421,812	66.2	0.69	9.30
1899	295,108	5.1	2,054,292	-117,312	-5.4	0.7	7.0	25,568,625	-2,852,773	-10.0	12.4	12,290,540	.....	0.48	5.98
1889	(3)	(3)	2,171,604	329,371	17.9	1.0	(3)	28,421,398	8,589,803	43.3	13.1	(3)	(3)	(3)	(3)
1879	(3)	(3)	1,842,233	.....	.....	1.1	(3)	19,831,595	2,912,800	17.2	10.8	(3)	(3)	(3)	(3)
1869	(3)	(3)	(3)	(3)	(3)	(3)	(3)	16,918,795	-4,182,585	-19.8	(3)	(3)	(3)	(3)	(3)
1859	(3)	(3)	(3)	(3)	(3)	(3)	(3)	21,101,380	6,912,567	48.7	(3)	(3)	(3)	(3)	(3)
1849	(3)	(3)	(3)	(3)	(3)	(3)	(3)	14,188,813	-4,456,754	-23.9	(3)	(3)	(3)	(3)	(3)
1839	(3)	(3)	(3)	(3)	(3)	(3)	(3)	18,645,567	.....	.....	(3)	(3)	(3)	(3)	(3)
Mixed grains threshed[4]	91,213	1.5	1,566,572	294,079	23.1	0.5	17.2	39,321,784	13,889,817	54.6	25.1	18,000,374	10.6	0.46	11.49
1934	79,061	1.2	1,272,493	-1,165,585	-47.8	0.4	16.1	25,431,967	-45,398,864	-64.1	20.0	16,269,031	-58.8	0.64	12.79
1929	130,232	2.1	2,438,078	1,861,000	322.5	0.7	18.7	70,830,831	56,765,582	403.6	29.1	39,461,360	137.6	0.56	16.19
1919	46,100	0.7	577,078	.....	.....	0.2	12.5	14,065,249	.....	.....	24.4	16,605,245	.....	1.18	28.77
Flax threshed	83,188	1.4	2,081,497	1,083,466	108.8	0.6	25.0	18,829,453	13,231,399	236.4	9.0	27,519,055	188.7	1.46	13.22
1934	46,998	0.7	998,031	-1,967,604	-66.3	0.3	21.2	5,598,054	-9,448,043	-62.8	5.6	9,531,145	-77.9	1.70	9.55
[5] 1929	87,002	1.4	2,965,635	-469,480	-13.7	0.8	34.1	15,046,097	-13,199,642	-46.7	5.1	43,104,631	-34.8	2.86	14.53
1924	104,405	1.6	3,435,115	2,174,428	172.5	1.0	32.9	28,245,739	21,592,539	324.5	8.2	66,135,073	125.2	2.34	19.25
1919	53,058	0.8	1,260,687	-822,455	-39.5	0.4	23.8	6,653,200	-12,859,565	-65.9	5.3	29,360,998	1.3	4.41	23.29
1909	77,184	1.2	2,083,142	-27,375	-1.3	0.7	27.0	19,512,765	-466,727	-2.3	9.4	28,970,554	47.6	1.48	13.91
1899	88,306	1.5	2,110,517	791,819	60.0	0.7	23.9	19,979,492	9,729,082	94.9	9.5	19,624,901	.....	0.98	9.30
1889	(3)	(3)	1,318,698	.....	.....	0.6	(3)	10,250,410	3,079,459	42.9	7.8	(3)	(3)	(3)	(3)
1879	(3)	(3)	(3)	(3)	(3)	(3)	(3)	7,170,951	5,440,507	314.4	(3)	(3)	(3)	(3)	(3)
1869	(3)	(3)	(3)	(3)	(3)	(3)	(3)	1,730,444	1,163,577	205.3	(3)	(3)	(3)	(3)	(3)
1859	(3)	(3)	(3)	(3)	(3)	(3)	(3)	566,867	4,555	0.8	(3)	(3)	(3)	(3)	(3)
1849	(3)	(3)	(3)	(3)	(3)	(3)	(3)	562,312	.....	.....	(3)	(3)	(3)	(3)	(3)
Buckwheat threshed	56,897	0.9	360,753	-261,101	-42.0	0.1	6.3	5,589,064	-2,769,947	-33.1	15.5	3,468,541	-56.8	0.62	9.61
1929	99,657	1.6	621,854	-94,734	-13.2	0.2	6.2	8,359,011	-3,644,688	-30.4	13.4	8,023,289	-37.6	0.96	12.90
1924	131,411	2.1	716,588	-26,039	-3.5	0.2	5.5	12,003,699	-686,685	-5.4	16.8	12,851,965	-34.8	1.07	17.93
1919	171,166	2.7	742,627	-135,421	-15.4	0.2	4.3	12,690,384	-2,158,948	-14.5	17.1	19,715,305	111.3	1.55	26.55
1909	197,789	3.1	878,048	70,988	8.8	0.3	4.4	14,849,332	3,615,817	32.2	16.9	9,330,592	62.3	0.63	10.63
1899	209,450	3.7	807,060	-30,104	-3.6	0.3	3.9	11,233,515	-876,834	-7.2	13.9	5,747,853	.....	0.51	7.12
1889	(3)	(3)	837,164	-11,225	-1.3	0.4	(3)	12,110,349	293,022	2.5	14.5	(3)	(3)	(3)	(3)
1879	(3)	(3)	848,389	.....	.....	0.5	(3)	11,817,327	1,995,606	20.3	13.9	(3)	(3)	(3)	(3)
1869	(3)	(3)	(3)	(3)	(3)	(3)	(3)	9,821,721	-7,750,097	-44.1	(3)	(3)	(3)	(3)	(3)
1859	(3)	(3)	(3)	(3)	(3)	(3)	(3)	17,571,818	8,614,906	96.2	(3)	(3)	(3)	(3)	(3)
1849	(3)	(3)	(3)	(3)	(3)	(3)	(3)	8,956,912	1,665,169	22.8	(3)	(3)	(3)	(3)	(3)
1839	(3)	(3)	(3)	(3)	(3)	(3)	(3)	7,291,743	.....	.....	(3)	(3)	(3)	(3)	(3)
Emmer and spelt threshed	11,216	0.2	140,645	-203,679	-59.2	(6)	12.5	2,762,999	-3,470,658	-55.7	19.6	1,162,549	-57.3	0.42	8.27
1929	18,345	0.3	344,324	177,495	106.4	0.1	18.8	6,233,657	3,625,789	139.0	18.1	2,725,350	-26.3	0.44	7.92
1919	11,922	0.2	166,829	-406,793	-70.9	(6)	14.0	2,607,868	-10,094,842	-79.5	15.6	3,699,943	-33.7	1.42	22.18
1909	37,609	0.6	573,622	.....	.....	0.2	15.3	12,702,710	.....	.....	22.1	5,584,050	.....	0.44	9.73
Rice (rough or paddy) threshed[7]	9,626	0.2	851,060	145,202	20.6	0.3	88.4	43,807,455	10,849,710	32.9	51.5	32,206,463	26.2	0.74	37.84
1934	14,234	0.2	705,858	-34,730	-4.7	0.2	49.6	32,957,745	-511,238	-1.5	46.7	25,530,155	-22.5	0.77	36.17
1929	8,945	0.1	740,588	-3,445	-0.5	0.2	82.8	33,468,983	3,943,440	13.4	45.2	32,932,931	-22.6	0.98	44.47
1924	11,476	0.2	744,033	-167,239	-18.4	0.2	64.8	29,525,543	-5,805,369	-16.4	39.7	42,538,686	-56.2	1.44	57.17
1919	20,310	0.3	911,272	301,097	49.3	0.3	44.9	35,330,912	13,492,332	61.8	38.8	97,194,481	506.7	2.75	106.66
1909	13,708	0.2	610,175	267,961	78.3	0.2	44.5	21,838,580	12,835,694	142.6	35.8	16,019,607	153.1	0.73	26.25
1899	47,651	0.8	342,214	180,902	112.1	0.1	7.2	9,002,886	4,377,313	94.6	26.3	6,329,562	.....	0.70	18.50
1889	(3)	(3)	161,312	-12,861	-7.4	0.1	(3)	4,625,573	664,013	16.8	28.7	(3)	(3)	(3)	(3)
1879	(3)	(3)	174,173	.....	.....	0.1	(3)	3,961,560	1,312,618	49.6	22.7	(3)	(3)	(3)	(3)
1869	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2,648,742	-4,083,885	-60.7	(3)	(3)	(3)	(3)	(3)
1859	(3)	(3)	(3)	(3)	(3)	(3)	(3)	6,732,627	-1,012,463	-13.1	(3)	(3)	(3)	(3)	(3)
1849	(3)	(3)	(3)	(3)	(3)	(3)	(3)	7,745,090	4,837,125	166.3	(3)	(3)	(3)	(3)	(3)
1839	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2,907,965	.....	.....	(3)	(3)	(3)	(3)	(3)

[1] Percent of cropland harvested in 1939, 1934, 1929, and 1924; percent of the total acreage of crops for which figures are available for years prior to 1924. See chapter I, table 4. [2] Includes oats threshed and oats cut for grain when ripe or nearly ripe and fed unthreshed, but does not include oat hay, which is included with small grains for hay. [3] Not available. [4] Figures for 1939 and 1934 exclude flax and wheat mixture. See text discussion for all years. [5] See text discussion of mixed grains. [6] Less than one-tenth of 1 percent. [7] Prior to 1909, production of rice was reported in pounds. In the 1910 publication production for earlier years was converted to bushels by using 27.8 as a divisor, on the assumption that a bushel of rough rice (45 pounds) was equivalent to 27.8 pounds of hulled rice.

TABLE 2.—FARMS REPORTING, ACREAGE HARVESTED, PRODUCTION, AND VALUE OF SPECIFIED FIELD CROPS FOR THE UNITED STATES: 1839 TO 1939—Continued

[The First Agricultural Census was in 1840. Increase or decrease not shown for periods of more than 10 years. Figures in italics are not included in totals shown in table 1. Percent not shown when 1,000 or more. Figures for divisions and States are shown in tables 7 to 56]

CROP AND YEAR	FARMS REPORTING		ACREAGE					PRODUCTION				VALUE (DOLLARS)			
	Number	Percent of all farms	Total	Increase or decrease (-)		Percent of cropland harvested[1]	Average per farm reporting	Total	Increase or decrease (-)		Yield per acre	Total	Percent increase or decrease (-)	Average per unit	Average per acre
				Acres	Percent				Amount	Percent					
Annual legumes[2] ..... 1939..	1,958,658	32.1	xxxxxxxxx	.....	.....	xxxx	xxxx	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Soybeans[4] for all purposes, except plowed under for green manure ..... 1939..	977,131	16.0	11,458,934	4,881,455	74.2	3.6	11.7	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1934..	694,830	10.2	6,577,479	3,666,500	126.0	2.2	9.5	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1929..	302,842	4.8	2,910,979	.....	.....	0.8	9.6	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Grown alone ..... 1939..	827,676	13.6	8,964,764	3,272,528	57.5	2.8	10.8	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1934..	622,746	9.1	5,692,236	3,730,687	190.2	1.9	9.1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1929..	(3)	(3)	1,961,549	.....	.....	0.5	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Grown with other crops .. 1939..	199,396	3.3	*2,494,170*	*1,608,927*	*181.7*	*0.8*	*12.5*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1934..	90,343	1.3	*885,243*	*-64,187*	*-6.8*	*0.3*	*9.8*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1929..	(3)	(3)	*949,430*	.....	.....	*0.3*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
								Bushels	Bushels		Bu.				
Harvested for beans .... 1939..	253,762	4.2	4,274,105	.....	.....	1.3	16.8	87,590,641	.....	.....	20.5	71,246,404	.....	0.81	16.67
Grown alone ..... 1939..	236,359	3.9	4,109,067	.....	.....	1.3	17.4	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Grown alone only[5] ... 1939..	235,184	3.9	4,097,926	.....	.....	1.3	17.4	86,610,183	.....	.....	21.1	(3)	(3)	(3)	(3)
Grown with other crops ..... 1939..	18,578	0.3	*165,038*	.....	.....	*0.1*	*8.9*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Harvested for beans .... 1934..	148,124	2.2	(3)	(3)	(3)	(3)	(3)	23,014,703	14,353,515	165.7	(3)	23,210,120	60.7	1.01	(3)
1929..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	8,661,188	7,576,375	698.4	(3)	14,446,066	224.6	1.67	(3)
1919..	31,124	0.5	112,826	111,197	.....	(6)	3.6	1,084,813	1,067,978	.....	9.6	4,450,099	.....	4.10	39.44
1909..	339	(6)	1,629	.....	.....	(6)	4.8	16,835	.....	.....	10.3	20,577	.....	1.22	12.63
Cowpeas[4] for all purposes, except plowed under for green manure ..... 1939..	811,450	13.3	6,714,351	1,512,106	29.1	2.1	8.3	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1934..	838,761	12.3	5,202,245	3,709,017	248.4	1.8	6.2	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1929..	273,923	4.4	1,493,228	.....	.....	0.4	5.5	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Grown alone ..... 1939..	592,326	9.7	2,909,083	197,614	7.3	0.9	4.9	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1934..	592,949	8.7	2,711,469	1,935,923	249.6	0.9	4.6	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1929..	(3)	(3)	*775,546*	.....	.....	0.2	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Grown with other crops .. 1939..	359,453	5.9	*3,805,268*	*1,314,492*	*52.8*	*1.2*	*10.6*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1934..	298,493	4.4	*2,490,776*	*1,773,094*	*247.1*	*0.8*	*8.3*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1929..	(3)	(3)	*717,682*	.....	.....	*0.2*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Harvested for peas ..... 1939..	327,007	5.4	1,895,567	.....	.....	0.6	5.8	5,959,298	.....	.....	3.1	8,313,747	.....	1.40	4.39
Grown alone ..... 1939..	234,115	3.8	824,017	.....	.....	0.3	3.5	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Grown alone only[6] ... 1939..	216,051	3.5	764,684	.....	.....	0.2	3.5	3,918,944	.....	.....	5.1	(3)	(3)	(3)	(3)
Grown with other crops ..... 1939..	110,956	1.8	*1,071,550*	.....	.....	*0.3*	*9.7*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Harvested for peas ..... 1934..	455,968	6.7	(3)	(3)	(3)	(3)	(3)	6,161,734	2,887,921	88.2	(3)	9,103,198	23.6	1.48	(3)
1929..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	3,273,813	.....	.....	(3)	7,365,563	.....	2.25	(3)
1889..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	3,402,912	-1,337,328	-28.2	(3)	(3)	(3)	(3)	(3)
[7] 1879..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	4,740,240	.....	.....	(3)	(3)	(3)	(3)	(3)
Peanuts[4] for all purposes, except plowed under for green manure ..... 1939..	491,365	8.1	3,593,536	354,011	10.9	1.1	7.3	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1934..	576,985	8.5	3,239,525	792,821	32.4	1.1	5.6	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1929..	326,253	5.2	2,446,704	.....	.....	0.7	7.5	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Grown alone ..... 1939..	458,286	7.5	2,511,909	495,618	24.6	0.8	5.5	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1934..	404,371	5.9	2,016,291	457,426	29.3	0.7	5.0	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1929..	(3)	(3)	1,558,865	.....	.....	0.4	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Grown with other crops .. 1939..	61,131	1.0	*1,081,627*	*-141,607*	*-11.6*	*0.3*	*17.7*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1934..	82,289	1.2	*1,223,234*	*335,395*	*37.8*	*0.4*	*14.9*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1929..	(3)	(3)	*887,839*	.....	.....	*0.2*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
								Pounds	Pounds		Lb.				
Harvested for nuts ..... 1939..	304,161	5.0	1,787,039	.....	.....	0.6	5.9	1,155,316,299	.....	.....	646.0	39,169,158	.....	0.03	21.92
Grown alone ..... 1939..	301,305	4.9	1,766,480	.....	.....	0.5	5.9	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Grown alone only[5] ... 1939..	300,350	4.9	1,759,868	.....	.....	0.5	5.9	1,145,974,314	.....	.....	651.0	(3)	(3)	(3)	(3)
Grown with other crops ..... 1939..	3,811	0.1	*20,559*	.....	.....	(6)	*5.4*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
								Bushels	Bushels		Bu.				
Harvested for nuts ..... 1934..	453,835	6.7	(3)	(3)	(3)	(3)	(3)	44,259,977	7,671,981	21.0	(3)	38,592,738	35.7	0.87	(3)
1929..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	36,587,996	9,138,066	33.3	(3)	28,433,245	-54.7	0.78	(3)
1919..	230,380	3.6	1,125,100	255,213	29.3	0.3	4.9	27,449,930	8,034,114	41.4	24.4	62,751,701	243.4	2.29	55.77
1909..	219,003	3.4	869,887	353,233	68.4	0.3	4.0	19,415,816	7,451,707	62.3	22.3	18,271,929	151.3	0.94	21.00
1899..	133,909	2.3	516,654	312,708	153.3	0.2	3.9	11,964,109	8,375,966	233.4	23.2	7,270,515	.....	0.61	14.07
1889..	(3)	(3)	203,946	.....	.....	0.1	(3)	3,588,143	.....	.....	17.6	(3)	(3)	(3)	(3)
Vetches,[8] velvetbeans, horse and mung beans[4] for all purposes, except plowed under for green manure ... 1939..	157,751	2.6	2,513,642	.....	.....	0.6	15.9	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Grown alone ..... 1939..	35,313	0.6	291,440	.....	.....	0.1	8.3	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Grown with other crops .. 1939..	127,162	2.1	*2,222,202*	.....	.....	*0.7*	*17.5*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Harvested for beans .... 1939..	49,764	0.8	701,215	.....	.....	0.2	14.1	3,072,792	.....	.....	4.4	5,659,749	.....	1.84	8.07
Grown alone ..... 1939..	12,946	0.2	111,016	.....	.....	(6)	8.6	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Grown with other crops ..... 1939..	39,004	0.6	*590,199*	.....	.....	*0.2*	*15.1*	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Velvetbeans for all purposes, except for soil improvement ..... 1929..	101,639	1.6	1,237,346	94,784	8.3	0.3	12.2	2,114,806	.....	.....	1.7	3,663,384	.....	1.73	2.96
[9] 1919..	101,590	1.6	1,142,562	1,130,002	.....	0.3	11.2	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
[10] 1909..	(3)	(3)	12,560	.....	.....	(6)	(3)	154,767	.....	.....	12.3	210,837	.....	1.36	16.79

[1] Percent of cropland harvested in 1939, 1934, and 1929; percent of the total acreage of crops for which figures are available for years prior to 1924. See chapter I, table 4. [2] See text discussion. [3] Not available. [4] Data for 1924 are omitted from this table as it is believed that for most items relating to annual legumes they are not sufficiently comparable with those for other years. See text discussion. The available figures for 1924 are as follows: Peanuts—250,847 farms reporting 1,104,678 acres, and 26,899,079 bushels valued at $35,307,788; soybeans—283,284 farms reporting; cowpeas—407,441 farms reporting; velvetbeans—115,297 farms reporting and 1,475,951 acres; dry edible beans—149,863 farms reporting and 1,637,069 acres; annual legumes (soybeans, cowpeas, and peanuts only) saved for hay—2,572,615 acres. Prior to 1879, census data relating to annual legumes are limited to the combined production of peas and beans, and are as follows: 1869—5,746,027 bushels; 1859—15,061,995 bushels; 1849—9,219,901 bushels. No data available for 1839. [5] Farms reporting quantity harvested from acreage grown alone. [6] Less than one-tenth of 1 percent. [7] For 1879 the schedule inquiry for field peas was "Canada peas," although no separate totals were given in the 1880 publication, the production in Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Texas, and a portion of Missouri was considered as cowpeas and the production in all other States as Canada peas. In the 1880 publication 4,740,240 bushels of cowpeas and 1,774,737 bushels of Canada peas were given as the production of dry peas for 1879, the entire production of Missouri being included as cowpeas. [8] In 1929 data for vetches were limited to vetch seed specified on individual schedules under "Other field crops," with 212 farms reporting 3,730 acres and 57,884 bushels valued at $141,821. [9] Includes total acreage of velvetbeans grown for any purpose, alone or mixed with other crops. [10] Harvested for beans.

TABLE 2.—FARMS REPORTING, ACREAGE HARVESTED, PRODUCTION, AND VALUE OF SPECIFIED FIELD CROPS FOR THE UNITED STATES: 1839 TO 1939—Continued

[The First Agricultural Census was in 1840. Increase or decrease not shown for periods of more than 10 years. Figures in italics are not included in totals shown in table 1. Percent not shown when 1,000 or more. Figures for divisions and States are shown in tables 7 to 56]

CROP AND YEAR	FARMS REPORTING		ACREAGE					PRODUCTION				VALUE (DOLLARS)			
	Number	Percent of all farms	Total	Increase or decrease (-)		Percent of cropland harvested[1]	Average per farm reporting	Total	Increase or decrease (-)		Yield per acre	Total	Percent increase or decrease (-)	Average per unit	Average per acre
				Acres	Percent				Amount	Percent					
Annual legumes[2]—Continued															
Other dry field and seed beans[3] for all purposes, except plowed under for green manure...1939..	102,436	1.7	1,591,211	87,541	5.8	0.5	15.5	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1934..	139,753	2.1	1,503,670	-362,985	-19.4	0.5	10.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1929..	128,561	2.0	1,866,655	.....	.....	0.5	14.5	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Grown alone.....1939..	101,456	1.7	1,587,373	98,997	6.7	0.5	15.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1934..	(4)	(4)	1,488,376	-257,886	-14.8	0.5	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1929..	(4)	(4)	1,746,262	.....	.....	0.5	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
*Grown with other crops..*1939..	1,092	(5)	*3,838*	*-11,456*	*-74.9*	(5)	*3.5*	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1934..	(4)	(4)	*15,294*	*-105,099*	*-87.3*	(5)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1929..	(4)	(4)	*120,393*	.....	.....	(5)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
								Bushels	*Bushels*		*Bu.*				
Harvested for beans....1939..	100,949	1.7	1,585,821	.....	.....	0.5	15.7	23,666,104	4,969,489	26.6	14.9	46,527,308	18.0	1.97	29.34
Grown alone.....1939..	100,194	1.6	1,582,983	.....	.....	0.5	15.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
*Grown with other crops.....*1939..	906	(5)	*2,838*	.....	.....	(5)	*3.1*	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Harvested for beans....1934..	(4)	(4)	(4)	(4)	(4)	(4)	(4)	18,696,615	-1,656,964	-8.1	(4)	39,418,609	-48.9	2.11	(4)
1929..	(4)	(4)	(4)	(4)	(4)	(4)	(4)	20,353,579	6,274,486	44.6	(4)	77,097,864	24.8	3.79	(4)
[6] 1919..	168,185	2.6	1,161,682	358,691	44.7	0.3	6.9	14,079,093	2,827,933	25.1	12.1	61,795,225	183.8	4.39	53.19
[7] 1909..	185,934	2.9	802,991	349,150	76.9	0.3	4.3	11,251,160	6,186,670	122.2	14.0	21,771,482	185.2	1.94	27.11
1899..	245,016	4.3	453,841	.....	.....	0.2	1.9	5,064,490	1,900,936	60.1	11.2	7,633,636	.....	1.51	16.82
1889..	(4)	(4)	(4)	(4)	(4)	(4)	(4)	3,163,554	88,504	2.9	(4)	(4)	(4)	(4)	(4)
1879..	(4)	(4)	(4)	(4)	(4)	(4)	(4)	3,075,050	.....	.....	(4)	(4)	(4)	(4)	(4)
Dry field and seed peas[3] for all purposes, except plowed under for green manure...1939..	11,133	0.2	244,902	-42,000	-14.6	0.1	22.0	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1929..	26,615	0.4	286,902	.....	.....	0.1	10.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Grown alone.....1939..	10,371	0.2	230,882	-25,096	-9.8	0.1	22.3	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1929..	(4)	(4)	255,978	.....	.....	0.1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
*Grown with other crops..*1939..	839	(5)	*14,020*	*-16,904*	*-54.7*	(5)	*16.7*	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1929..	(4)	(4)	*30,924*	.....	.....	(5)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Harvested for peas.....1939..	9,036	0.1	214,324	.....	.....	0.1	23.7	3,791,063	.....	.....	17.7	6,370,437	.....	1.68	29.72
Grown alone.....1939..	8,756	0.1	209,764	.....	.....	0.1	24.0	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
*Grown with other crops.....*1939..	328	(5)	*4,560*	.....	.....	(5)	*13.9*	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Harvested for peas.....1929..	(4)	(4)	(4)	(4)	(4)	(5)	(4)	3,281,135	-2,461,491	-42.9	(4)	7,444,200	-64.2	2.27	(4)
[8] 1919..	210,245	3.3	865,670	-439,429	-33.7	0.2	4.1	5,742,626	-1,386,668	-19.5	6.6	20,790,541	89.6	3.62	24.02
[8] 1909..	261,231	4.1	1,305,099	336,729	34.8	0.4	5.0	7,129,294	-2,310,916	-24.5	5.5	10,963,739	38.6	1.54	8.40
[8] 1899..	417,864	7.3	968,370	.....	.....	0.3	2.3	9,440,210	6,627,773	235.7	9.7	7,908,966	.....	0.84	8.17
1889..	(4)	(4)	(4)	(4)	(4)	(4)	(4)	2,812,437	1,037,700	58.5	(4)	(4)	(4)	(4)	(4)
[9] 1879..	(4)	(4)	(4)	(4)	(4)	(4)	(4)	1,774,737	.....	.....	(4)	(4)	(4)	(4)	(4)
Velvetbeans, vetches, Canada and other ripe field peas for—beans, peas, seed, hay, or grazed.....1934..	211,294	3.1	2,749,972	.....	.....	0.9	13.0	10,253,723	.....	.....	3.7	(4)	(4)	(4)	(4)
								Tons	*Tons*		*Tons*				
All hay.....1939..	3,436,325	56.4	65,979,445	-2,645,065	-3.9	20.5	19.2	82,413,269	20,328,922	32.7	1.25	701,509,927	-18.6	8.51	10.63
1934..	(4)	(4)	68,624,510	796,611	1.2	23.2	(4)	62,084,347	-23,196,417	-27.2	0.90	862,064,278	-12.8	13.89	12.56
1929..	3,437,918	54.7	67,827,899	-6,268,043	-8.5	18.9	19.7	85,280,764	-3,103,485	-3.5	1.26	988,436,875	-8.2	11.59	14.57
[10] 1924..	(4)	(4)	74,095,942	1,316,054	1.8	21.5	(4)	88,384,249	-1,971,291	-2.2	1.19	1,076,254,296	-44.9	12.18	14.53
1919..	(4)	(4)	72,779,888	4,552,578	6.7	20.9	(4)	90,355,540	3,139,189	3.6	1.24	1,953,149,124	151.7	21.62	26.84
1909..	(4)	(4)	68,227,310	9,643,463	16.5	21.9	(4)	87,216,351	16,103,642	22.6	1.28	776,067,880	60.3	8.90	11.37
1899..	(4)	(4)	58,583,847	5,635,050	10.6	20.7	(4)	71,112,709	4,281,229	6.4	1.21	[11] 484,254,703	.....	6.81	8.27
[12] 1889..	(4)	(4)	52,948,797	22,317,743	72.9	24.1	(4)	66,831,480	31,680,769	90.1	1.26	(4)	(4)	(4)	(4)
1879..	(4)	(4)	30,631,054	.....	.....	18.4	(4)	35,150,711	7,834,663	28.7	1.15	(4)	(4)	(4)	(4)
1869..	(4)	(4)	(4)	(4)	(4)	(4)	(4)	27,316,048	8,232,152	43.1	(4)	(4)	(4)	(4)	(4)
1859..	(4)	(4)	(4)	(4)	(4)	(4)	(4)	19,083,896	5,245,254	37.9	(4)	(4)	(4)	(4)	(4)
1849..	(4)	(4)	(4)	(4)	(4)	(4)	(4)	13,838,642	3,590,533	35.0	(4)	(4)	(4)	(4)	(4)
1839..	(4)	(4)	(4)	(4)	(4)	(4)	(4)	10,248,109	.....	.....	(4)	(4)	(4)	(4)	(4)
*Annual legumes saved for hay.....*1939..	972,128	15.9	*7,187,327*	*-2,313,619*	*-24.4*	*2.2*	*7.4*	8,379,503	409,080	5.1	1.17	74,186,245	-35.1	8.85	10.32
1934..	1,222,266	17.9	*9,500,946*	*6,433,236*	*209.7*	*3.2*	*7.8*	7,970,423	5,035,021	171.5	0.84	114,380,565	151.6	14.35	12.04
1929..	434,472	6.9	*3,067,710*	*495,095*	*19.2*	*0.9*	*7.1*	2,935,402	.....	.....	0.96	45,464,629	.....	15.49	14.82
[13] 1924..	(14)	(4)	*2,572,615*	*725,701*	*39.3*	*0.7*	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
[15] 1919..	329,547	5.1	*1,846,914*	.....	.....	*0.5*	*5.6*	1,716,195	.....	.....	0.93	47,094,363	.....	27.44	25.50
Alfalfa cut for hay.....1939..	946,545	15.5	12,802,733	1,133,598	9.7	4.0	13.5	25,653,221	6,911,123	36.9	2.00	236,161,728	-12.0	9.21	18.45
1934..	877,453	12.9	11,669,135	153,324	1.3	3.9	13.3	18,742,098	-4,751,407	-20.2	1.61	268,298,614	-15.4	14.32	22.99
1929..	806,429	12.8	11,515,811	1,113,380	10.7	3.2	14.3	23,493,505	.....	.....	2.04	317,043,137	.....	13.49	27.53
1924..	664,125	10.4	10,402,431	1,777,620	20.6	3.0	15.7	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1919..	542,549	8.4	8,624,811	3,917,665	83.2	2.5	15.9	18,853,133	6,993,252	59.0	2.19	416,178,534	347.0	22.07	48.25
1909..	283,012	4.4	4,707,146	2,613,135	124.8	1.5	16.6	11,859,881	6,639,210	127.2	2.52	93,103,998	.....	7.85	19.78
1899..	96,114	1.7	2,094,011	.....	.....	0.7	21.8	5,220,671	.....	.....	2.49	(4)	(4)	(4)	(4)
Sweetclover cut for hay...1939..	97,457	1.6	1,146,515	.....	.....	0.4	11.8	1,357,359	.....	.....	1.18	7,187,832	.....	5.30	6.27
Lespedeza cut for hay.....1939..	481,206	7.9	4,697,609	.....	.....	1.5	9.8	5,046,772	.....	.....	1.07	51,427,190	.....	10.19	10.95
Sweetclover and lespedeza cut for hay.....1934..	259,494	3.8	2,564,667	1,154,469	81.9	0.9	9.9	2,306,944	694,503	43.1	0.90	28,900,324	68.7	12.53	11.27
[16] 1929..	123,682	2.0	1,410,198	100,842	7.7	0.4	11.4	1,612,441	.....	.....	1.14	17,134,094	.....	10.63	12.15
[16] 1924..	108,174	1.7	1,309,356	.....	.....	0.4	12.1	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)

[1] Percent of cropland harvested in 1939, 1934, 1929, and 1924; percent of the total acreage of crops for which figures are available for years prior to 1924. See chapter I, table 4. [2] See text discussion. [3] Data for 1924 are omitted from this table as it is believed that for most items relating to annual legumes they are not sufficiently comparable with those for other years. See text discussion. The available figures for 1924 are as follows: Peanuts—250,847 farms reporting 1,104,678 acres, and 26,899,079 bushels valued at $35,307,788; soybeans—283,284 farms reporting; cowpeas—407,441 farms reporting; velvetbeans—115,297 farms reporting and 1,475,951 acres; dry edible beans—149,863 farms reporting and 1,637,069 acres; annual legumes (soybeans, cowpeas, and peanuts only) saved for hay—2,572,615 acres. Prior to 1879, census data relating to annual legumes are limited to the combined production of peas and beans, and are as follows: 1869—5,746,027 bushels; 1859—15,061,995 bushels; and 1849—9,219,901 bushels. No data available for 1839. [4] Not available. [5] Less than one-tenth of 1 percent. [6] Figures do not include 118 farms reporting 1,459 acres and 49,694 bushels of horsebeans valued at $124,235, and 11 farms reporting 39 acres and 206 bushels of "Other" beans valued at $824. [7] Figures do not include 67 farms reporting 150 acres and 5,534 bushels of horsebeans valued at $5,659, and 5 farms reporting 43 acres and 520 bushels of "Other" beans valued at $555. [8] Includes cowpeas. [9] For 1879 the schedule inquiry for field peas was "Canada peas," although no separate totals were given in the 1880 publication, the production in Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Texas, and a portion of Missouri was considered as cowpeas and the production in all other States as Canada peas. In the 1890 publication, 4,740,240 bushels of cowpeas and 1,774,737 bushels of Canada peas were given as the production of dry peas for 1879, the entire production of Missouri being included as cowpeas. [10] Production and value include an undetermined tonnage of sorghums cut for hay. [11] Includes value of forage. [12] Includes coarse forage. [13] Soybeans, cowpeas, and peanuts. [14] 283,284 farms reported soybeans for either beans or hay, or both; 407,441, cowpeas for either peas or hay, or both; and 250,847, peanuts for either nuts or hay, or both. [15] Soybeans, cowpeas, peanuts, and vetches. [16] In 1929 and 1924 crimson clover was included with sweetclover and lespedeza.

TABLE 2.—FARMS REPORTING, ACREAGE HARVESTED, PRODUCTION, AND VALUE OF SPECIFIED FIELD CROPS FOR THE UNITED STATES: 1839 TO 1939—Continued

[The First Agricultural Census was in 1840. Increase or decrease not shown for periods of more than 10 years. Figures in italics are not included in totals shown in table 1. Percent not shown when 1,000 or more. Figures for divisions and States are shown in tables 7 to 56]

CROP AND YEAR	FARMS REPORTING		ACREAGE					PRODUCTION				VALUE (DOLLARS)			
	Number	Percent of all farms	Total	Increase or decrease (-)		Percent of cropland harvested[1]	Average per farm reporting	Total	Increase or decrease (-)		Yield per acre	Total	Percent increase or decrease (-)	Average per unit	Average per acre
				Acres	Percent				Amount	Percent					
All hay—Continued															
Clover or timothy alone or mixed cut for hay								*Tons*	*Tons*		*Tons*				
1939	1,110,494	18.2	17,273,868	-2,704,823	-13.5	5.4	15.6	20,660,341	4,314,249	26.4	1.20	195,454,477	-21.3	9.46	11.32
1934	1,247,079	18.3	19,978,691	-9,771,195	-32.8	6.8	16.0	16,346,092	-21,361,466	-56.6	0.82	248,452,709	-41.1	15.20	12.44
[2] 1929	([3])	([4])	29,749,886	-4,498,926	-13.1	8.3	([4])	37,707,558	.....	.....	1.27	421,711,053	.....	11.18	14.18
[2] 1924	([5])	([4])	34,248,812	797,645	2.4	9.9	([4])	([4])	([4])	([4])	([4])	([4])	([4])	([4])	([4])
[6] 1919	([7])	([4])	33,451,167	-3,220,871	-8.8	9.6	([4])	42,288,266	-3,604,033	-7.9	1.26	1,009,962,177	112.8	23.88	30.19
1909	([8])	([4])	36,672,038	32,568,070	793.6	11.8	([4])	45,892,299	40,725,111	788.1	1.25	474,697,581	.....	10.34	12.94
[9] 1899	420,124	7.3	4,103,968	.....	.....	1.4	9.8	5,167,188	.....	.....	1.26	([4])	([4])	([4])	([4])
Small grains cut for hay															
1939	335,357	5.5	3,690,360	-3,289,898	-47.1	1.1	11.0	3,887,897	-1,032,828	-21.0	1.05	31,358,774	-40.1	8.07	8.50
1934	516,228	7.6	6,980,258	3,775,293	117.8	2.4	13.5	4,920,725	1,487,472	43.3	0.70	52,322,272	12.1	10.63	7.50
1929	249,674	4.0	3,204,965	117,357	3.8	0.9	12.8	3,433,253	.....	.....	1.07	46,674,267	.....	13.59	14.56
1924	228,819	3.6	3,087,608	-2,587,246	-45.6	0.9	13.5	([4])	([4])	([4])	([4])	([4])	([4])	([4])	([4])
1919	513,877	8.0	5,674,854	1,349,976	31.2	1.6	11.0	5,462,853	95,561	1.8	0.96	120,229,829	94.9	22.01	21.19
[10] 1909	418,056	6.6	4,324,878	441,348	11.4	1.4	10.3	5,367,292	402,635	8.1	1.24	61,686,131	.....	11.49	14.26
1899	337,237	5.9	3,883,530	.....	.....	1.4	11.5	4,964,657	.....	.....	1.28	([4])	([4])	([4])	([4])
Other tame grasses cut for hay[11]															
1939	546,195	9.0	7,220,202	1,857,549	34.6	2.2	13.2	7,600,407	2,469,950	48.1	1.05	60,740,108	2.6	7.99	8.41
1929	416,301	6.6	5,362,653	-2,089,751	-28.0	1.5	12.9	5,130,457	.....	.....	0.96	59,228,735	.....	11.54	11.04
1924	601,582	9.4	7,452,404	1,396,747	23.1	2.2	12.4	([4])	([4])	([4])	([4])	([4])	([4])	([4])	([4])
1919	619,616	9.6	6,055,657	718,931	13.5	1.7	9.8	6,403,805	690,500	12.1	1.06	133,181,607	139.7	20.80	21.99
1909	([12])	([4])	5,336,726	.....	.....	1.7	.....	5,713,305	.....	.....	1.07	55,554,001	.....	9.72	10.41
Wild grasses cut for hay															
1939	413,200	6.8	11,960,831	-1,555,845	-11.5	3.7	28.9	9,827,769	-1,140,379	-10.4	0.82	44,993,573	-44.6	4.58	3.76
1929	441,591	7.0	13,516,676	-1,506,040	-10.0	3.8	30.6	10,968,148	.....	.....	0.81	81,180,960	.....	7.40	6.01
1924	([4])	([4])	15,022,716	-2,103,769	-12.3	4.4	([4])	([4])	([4])	([4])	([4])	([4])	([4])	([4])	([4])
1919	529,819	8.2	17,126,485	-60,037	-0.3	4.9	32.3	15,631,288	-2,752,286	-15.0	0.91	226,502,614	148.8	14.49	13.23
1909	539,717	8.5	17,186,522	1,729,745	11.2	5.5	31.8	18,383,574	1,098,716	6.4	1.07	91,026,169	.....	4.95	5.30
1899	531,592	9.3	15,456,777	.....	.....	5.5	29.1	17,284,858	.....	.....	1.12	([4])	([4])	([4])	([4])
All other tame and wild grasses cut for hay															
1934	994,619	14.6	17,930,813	-948,516	-5.0	6.1	18.0	11,798,065	-4,300,540	-26.7	0.66	149,709,794	6.6	12.69	8.35
								Bushels	*Bushels*		*Bu.*				
Alfalfa seed															
1939	85,471	1.4	1,009,758	484,311	92.2	0.3	11.8	1,453,580	464,169	46.9	1.4	12,681,155	12.1	8.72	12.56
1929	29,588	0.5	525,447	.....	.....	0.1	17.8	989,411	121,107	13.9	1.9	11,313,429	-45.2	11.43	21.53
1919	31,043	0.5	([4])	([4])	([4])	([4])	([4])	868,304	604,976	229.7	([4])	20,647,780	906.3	23.78	([4])
1909	7,431	0.1	([5])	([4])	([4])	([4])	([4])	263,328	.....	.....	([4])	2,051,840	.....	7.79	([4])
Sweetclover seed															
1939	38,566	0.6	570,034	.....	.....	0.2	14.8	1,528,850	.....	.....	2.7	2,947,484	.....	1.93	5.17
								Pounds	*Pounds*		*Lb.*				
Lespedeza seed															
1939	55,882	0.9	605,652	.....	.....	0.2	10.8	102,847,667	.....	.....	170	4,213,989	.....	0.04	6.96
								Bushels	*Bushels*		*Bu.*				
Clover seed															
1939	134,312	2.2	1,528,159	-989,660	-39.3	0.5	11.4	2,050,970	-1,990,723	-49.3	1.3	16,473,582	-47.1	8.03	10.78
[13] 1929	213,110	3.4	2,517,819	.....	.....	0.7	11.8	4,041,693	2,865,724	243.7	1.6	31,137,339	-10.4	7.70	12.37
[14] 1919	127,405	2.0	([4])	([4])	([4])	([4])	([4])	1,175,969	150,153	14.6	([4])	34,768,946	402.1	29.57	([4])
1909	72,996	1.1	([4])	([4])	([4])	([4])	([4])	1,025,816	-323,393	-24.0	([4])	6,925,122	29.2	6.75	([4])
1899	105,526	1.8	([4])	([4])	([4])	([4])	([4])	1,349,209	.....	.....	([4])	5,359,578	.....	3.97	([4])
Grass seed															
[15] 1939	66,109	1.1	1,400,364	566,741	68.0	0.4	21.2	8,751,259	5,075,083	138.1	6.2	9,164,918	50.4	1.05	6.54
[16] 1929	([4])	([4])	833,623	.....	.....	0.2	([4])	3,676,176	-2,131,249	-36.7	4.4	6,093,520	-76.0	1.66	7.31
[16] 1919	([4])	([4])	([4])	([4])	([4])	([4])	([4])	5,807,425	425,221	7.9	([4])	25,427,106	312.7	4.38	([4])
[16] 1909	([4])	([4])	([4])	([4])	([4])	([4])	([4])	5,382,204	1,866,335	53.1	([4])	6,160,721	114.7	1.14	([4])
[17] 1899	([4])	([4])	([4])	([4])	([4])	([4])	([4])	3,515,869	568,810	19.3	([4])	2,868,839	.....	0.82	([4])
[17] 1889	([4])	([4])	([4])	([4])	([4])	([4])	([4])	2,947,059	.....	.....	([4])	([4])	([4])	([4])	([4])
								Bales	*Bales*		*Bales*				
Cotton															
1939	1,589,723	26.1	22,811,004	-3,942,693	-14.7	7.1	14.3	11,481,300	2,009,278	21.2	0.50	538,149,915	-10.6	46.87	23.59
1934	1,920,123	28.2	26,753,697	-16,473,791	-38.1	9.0	13.9	9,472,022	-5,102,383	-35.0	0.35	601,799,399	-51.8	63.53	22.49
1929	1,986,726	31.6	43,227,488	4,023,169	10.3	12.0	21.8	14,574,405	891,706	6.5	0.34	1,248,662,756	-20.4	85.68	28.89
1924	1,931,307	30.3	39,204,319	5,464,213	16.2	11.4	20.3	13,682,699	2,306,569	20.3	0.35	1,568,501,040	-21.9	114.63	40.01
1919	1,905,863	29.6	33,740,106	1,696,268	5.3	9.7	17.7	11,376,130	726,862	6.8	0.34	2,007,430,242	185.3	176.46	59.50
1909	1,714,149	26.9	32,043,838	7,768,737	32.0	10.3	18.7	10,649,268	1,114,561	11.7	0.33	703,619,303	117.3	66.07	21.96
1899	1,418,584	24.7	24,275,101	4,099,831	20.3	8.6	17.1	9,534,707	2,062,196	27.6	0.39	323,758,171	.....	33.96	13.34
1889	([4])	([4])	20,175,270	5,695,251	39.3	9.2	([4])	7,472,511	1,717,152	29.8	0.37	([4])	([4])	([4])	([4])
1879	([4])	([4])	14,480,019	.....	.....	8.7	([4])	5,755,359	2,743,363	91.1	0.40	([4])	([4])	([4])	([4])
1869	([4])	([4])	([4])	([4])	([4])	([4])	([4])	3,011,996	-2,375,056	-44.1	([4])	([4])	([4])	([4])	([4])
1859	([4])	([4])	([4])	([4])	([4])	([4])	([4])	5,387,052	2,917,959	118.2	([4])	([4])	([4])	([4])	([4])
1849	([4])	([4])	([4])	([4])	([4])	([4])	([4])	2,469,093	492,895	24.9	([4])	([4])	([4])	([4])	([4])
1839	([4])	([4])	([4])	([4])	([4])	([4])	([4])	1,976,198	.....	.....	([4])	([4])	([4])	([4])	([4])
								Tons	*Tons*		*Tons*				
Cottonseed[18]															
1939	([4])	([4])	([4])	([4])	([4])	([4])	([4])	5,258,500	-1,656,366	-24.0	([4])	110,938,308	-47.1	21.10	([4])
1929	([4])	([4])	([4])	([4])	([4])	([4])	([4])	6,914,866	1,587,145	29.8	([4])	209,772,704	-39.7	30.34	([4])
1919	([4])	([4])	([4])	([4])	([4])	([4])	([4])	5,327,721	3,099	0.1	([4])	347,739,123	187.2	65.27	([4])
1909	([4])	([4])	([4])	([4])	([4])	([4])	([4])	5,324,622	557,269	11.7	([4])	121,076,984	157.9	22.74	([4])
1899	([4])	([4])	([4])	([4])	([4])	([4])	([4])	4,767,353	.....	.....	([4])	46,950,575	.....	9.85	([4])
								Pounds	*Pounds*		*Lb.*				
Tobacco harvested															
1939	498,348	8.2	1,853,230	616,113	49.8	0.6	3.7	1,699,727,914	678,279,044	66.4	917	258,990,303	19.5	0.15	139.75
1934	422,166	6.2	1,237,117	-651,248	-34.5	0.4	2.9	1,021,448,870	-435,061,133	-29.9	826	216,671,975	-18.5	0.21	175.14
1929	432,975	6.9	1,888,365	350,522	22.8	0.5	4.4	1,456,510,003	350,170,120	31.7	771	265,886,604	25.6	0.18	140.80
1924	396,352	6.2	1,537,843	-323,637	-17.4	0.4	3.9	1,106,339,883	-265,164,378	-19.3	719	211,732,874	-52.3	0.19	137.68
1919	448,572	7.0	1,861,480	566,569	43.8	0.5	4.1	1,371,504,261	315,739,455	29.9	737	443,705,030	325.4	0.32	238.36
1909	326,919	5.1	1,294,911	193,451	17.6	0.4	4.0	1,055,764,806	187,651,941	21.6	815	104,302,856	83.0	0.10	80.55
1899	308,292	5.4	1,101,460	406,159	58.4	0.4	3.6	868,112,865	379,856,219	77.8	788	56,987,902	.....	0.07	51.74
1889	([4])	([4])	695,301	56,460	8.8	0.3	([4])	488,256,646	15,595,489	3.3	702	([4])	([4])	([4])	([4])
1879	([4])	([4])	638,841	.....	.....	0.4	([4])	472,661,157	209,925,816	79.9	740	([4])	([4])	([4])	([4])
1869	([4])	([4])	([4])	([4])	([4])	([4])	([4])	262,735,341	-171,474,120	-39.5	([4])	([4])	([4])	([4])	([4])
1859	([4])	([4])	([4])	([4])	([4])	([4])	([4])	434,209,461	234,456,806	117.4	([4])	([4])	([4])	([4])	([4])
1849	([4])	([4])	([4])	([4])	([4])	([4])	([4])	199,752,655	-19,410,664	-8.9	([4])	([4])	([4])	([4])	([4])
1839	([4])	([4])	([4])	([4])	([4])	([4])	([4])	219,163,319	.....	.....	([4])	([4])	([4])	([4])	([4])

[1] Percent of cropland harvested in 1939, 1934, 1929, and in 1924; percent of the total acreage of crops for which figures are available for years prior to 1924. See chapter I, table 4. [2] In 1929 and 1924 crimson clover was included with sweetclover and lespedeza. [3] 1,491,287 farms reported either timothy or timothy and clover mixed, or both; 341,546 reported 1 or more of the following clovers—red, alsike, or mammoth. [4] Not available. [5] 672,701 farms reported timothy; 1,264,283 reported clover and timothy, mixed; and 315,572 reported 1 or more of the following clovers—red, alsike, or mammoth. [6] Includes lespedeza. [7] 840,567 farms reported timothy; 1,203,376, timothy and clover, mixed; and 328,878, clover alone. [8] 1,024,670 farms reported timothy; 1,184,826, timothy and clover mixed; and 262,892, clover alone. [9] Clover only. Timothy was included under "Other tame grasses." [10] Includes soybeans and cowpeas cut for hay. [11] 278,630 farms reported millet for hay and 1,958,060 reported other tame grasses (including timothy) for hay in 1899. [12] 204,167 farms reported millet for hay and 300,813 reported other tame grasses for hay. [13] Includes sweetclover. [14] Red clover including medium and mammoth. [15] See text discussion for kinds included. [16] Timothy, millet, and other grass seed. [17] Grass seed; kinds not specified. [18] Production computed for 1939, 1919, 1909, and 1899; and as reported for 1929.

TABLE 2.—FARMS REPORTING, ACREAGE HARVESTED, PRODUCTION, AND VALUE OF SPECIFIED FIELD CROPS FOR THE UNITED STATES: 1839 TO 1939—Continued

[The First Agricultural Census was in 1840. Increase or decrease not shown for periods of more than 10 years. Figures in italics are not included in totals shown in table 1. Percent not shown when 1,000 or more. Figures for divisions and States are shown in tables 7 to 56]

CROP AND YEAR	FARMS REPORTING		ACREAGE					PRODUCTION				VALUE (DOLLARS)			
	Number	Percent of all farms	Total	Increase or decrease (-)		Percent of cropland harvested[1]	Average per farm reporting	Total	Increase or decrease (-)		Yield per acre	Total	Percent increase or decrease (-)	Average per unit	Average per acre
				Acres	Percent				Amount	Percent					
								Gallons	*Gallons*		*Gallons*				
Sweet sorghums for sirup..... 1939..	228,901	3.8	176,351	40,208	29.5	0.1	0.8	9,045,965	751,734	9.1	51	5,411,192	-26.3	0.60	30.68
1929..	189,184	3.0	136,143	-47,972	-26.1	(2)	0.7	8,294,231	.....	.....	61	7,341,453	.....	0.89	53.92
1924..	(3)	(3)	184,115	-297,928	-61.8	0.1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1919..	560,057	8.7	482,043	155,691	47.7	0.1	0.9	21,523,025	4,990,643	30.2	45	24,506,228	207.7	1.14	50.84
1909..	399,297	6.3	326,352	33,200	11.3	0.1	0.8	16,532,382	-440,401	-2.6	51	7,963,499	.....	0.48	24.40
1899..	(3)	(3)	293,152	-122,539	-29.5	0.1	(3)	16,972,783	-7,262,436	-30.0	58	(3)	(3)	(3)	(3)
1889..	(3)	(3)	415,691	.....	.....	0.2	(3)	24,235,219	-4,208,963	-14.8	58	(3)	(3)	(3)	(3)
1879..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	28,444,202	12,394,113	77.2	(3)	(3)	(3)	(3)	(3)
1869..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	16,050,089	9,300,966	137.8	(3)	(3)	(3)	(3)	(3)
1859..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	6,749,123	.....	.....	(3)	(3)	(3)	(3)	(3)
								Tons	*Tons*		*Tons*				
Sugarcane for all purposes[4].. 1939..	(3)	(3)	376,974	-36,963	-8.9	0.1	(3)	xxxxxxxxxx	xxxxxxxxxx	xxxxx	xxxxxx	23,180,451	20.8	.....	61.49
1934..	248,441	3.6	413,937	111,114	36.7	0.1	1.7	4,839,008	.....	.....	11.7	19,190,475	.....	3.97	46.36
1929..	(3)	(3)	302,823	.....	.....	0.1	(3)	xxxxxxxxxx	xxxxxxxxxx	xxxxx	xxxxxx	(3)	(3)	(3)	(3)
Sugarcane for sirup and/or sugar[5]..... 1939..	221,402	3.6	374,963	83,516	28.7	0.1	1.7	xxxxxxxxxx	xxxxxxxxxx	xxxxx	xxxxxx	23,072,093	-1.1	xxxxx	61.53
1929..	[6] 203,140	3.2	291,447	-34,941	-10.7	0.1	1.4	xxxxxxxxxx	.....	.....	xxxxxx	23,332,508	.....	.....	80.06
1924..	97,243	1.5	326,388	-46,550	-12.5	0.1	3.4	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)
1919..	271,278	4.2	372,938	-103,911	-21.8	0.1	1.4	3,544,679	-2,695,581	-43.2	9.5	59,499,467	125.2	16.79	159.54
1909..	278,233	4.4	476,849	89,863	23.2	0.2	1.7	6,240,260	2,038,058	48.5	13.1	26,415,952	28.6	4.23	55.40
1899..	181,382	3.2	386,986	112,011	40.7	0.1	2.1	4,202,202	.....	.....	10.9	20,541,636	.....	4.89	53.08
1889..	(3)	(3)	274,975	47,199	20.7	0.1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
1879..	(3)	(3)	227,776	.....	.....	0.1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
								Gallons	*Gallons*		*Gallons*				
Sugarcane for sirup.... 1939..	211,366	3.5	127,034	30,810	32.0	(2)	0.6	16,204,563	1,035,940	6.8	128	7,713,506	-36.1	0.48	60.72
1929..	196,423	3.1	96,224	.....	.....	(2)	0.5	15,168,623	.....	.....	158	12,071,351	.....	0.80	125.45
								Tons	*Tons*		*Tons*				
Sugarcane for sugar.... 1939..	10,729	0.2	247,929	52,706	27.0	0.1	23.1	5,366,225	2,374,098	79.3	21.6	15,358,587	36.4	2.86	61.95
1929..	6,717	0.1	195,223	.....	.....	0.1	29.1	2,992,127	.....	.....	15.3	11,261,157	.....	3.76	57.68
Sugarcane for seed..... 1939..	3,192	0.1	1,998	.....	.....	(2)	0.6	37,019	.....	.....	18.5	107,742	.....	2.91	53.92
Sugar beets harvested for sugar..... 1939..	51,446	0.8	867,424	120,289	16.1	0.3	16.9	10,299,939	2,981,350	40.7	11.9	48,914,699	31.8	4.75	56.39
1934..	46,823	0.7	747,135	103,338	16.1	0.3	16.0	7,318,589	183,602	2.6	9.8	37,105,214	-27.3	5.07	49.66
1929..	35,155	0.6	643,797	-99,187	-13.3	0.2	18.3	7,134,987	145,738	2.1	11.1	51,036,671	-8.5	7.15	79.27
1924..	47,543	0.7	742,984	106,550	16.7	0.2	15.6	6,989,249	995,840	16.6	9.4	55,754,461	-15.6	7.98	75.04
1919..	47,211	0.7	636,434	276,001	76.6	0.2	13.5	5,993,409	2,091,338	53.6	9.4	66,051,989	235.4	11.02	103.78
1909..	33,307	0.5	360,433	250,263	227.2	0.1	10.8	3,902,071	3,108,718	391.8	10.8	19,695,384	492.7	5.05	54.64
1899..	14,035	0.2	110,170	.....	.....	(2)	7.8	793,353	.....	.....	7.2	3,323,240	.....	4.19	30.16
Maple sirup and/or sugar[8].... 1939..	29,768	0.5	(3)	(3)	(3)	(3)	(3)	xxxxxxxxxx	xxxxxxxxxx	xxxxx	xxxxxx	4,180,615	-19.5	(3)	(3)
1929..	35,341	0.6	(3)	(3)	(3)	(3)	(3)	xxxxxxxxxx	xxxxxxxxxx	xxxxx	xxxxxx	5,192,371	-58.1	(3)	(3)
1919..	80,317	1.2	(3)	(3)	(3)	(3)	(3)	xxxxxxxxxx	xxxxxxxxxx	xxxxx	xxxxxx	12,381,376	139.1	(3)	(3)
1909..	87,537	1.4	(3)	(3)	(3)	(3)	(3)	xxxxxxxxxx	xxxxxxxxxx	xxxxx	xxxxxx	5,177,809	96.4	(3)	(3)
1899..	62,718	1.1	(3)	(3)	(3)	(3)	(3)	xxxxxxxxxx	xxxxxxxxxx	xxxxx	xxxxxx	2,636,711	.....	(3)	(3)
								Gallons	*Gallons*		*Gallons*				
Maple sirup..... 1939..	29,584	0.5	(3)	(3)	(3)	(3)	(3)	2,456,400	115,377	4.9	(3)	4,080,877	-14.9	1.66	(3)
1929..	34,823	0.6	(3)	(3)	(3)	(3)	(3)	2,341,023	-1,166,722	-33.3	(3)	4,792,999	-48.1	2.05	(3)
1919..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	3,507,745	-598,673	-14.6	(3)	9,235,269	143.2	2.63	(3)
1909..	79,381	1.2	(3)	(3)	(3)	(3)	(3)	4,106,418	2,049,807	99.7	(3)	3,797,317	143.0	0.92	(3)
1899..	62,718	1.1	(3)	(3)	(3)	(3)	(3)	2,056,611	-201,765	-8.9	(3)	1,562,451	.....	0.76	(3)
1889..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	2,258,376	462,328	25.7	(3)	(3)	(3)	(3)	(3)
1879..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	1,796,048	874,991	95.0	(3)	(3)	(3)	(3)	(3)
1869..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	921,057	-676,532	-42.3	(3)	(3)	(3)	(3)	(3)
1859..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	1,597,589	.....	.....	(3)	(3)	(3)	(3)	(3)
								Pounds	*Pounds*		*Pounds*				
Maple sugar..... 1939..	3,388	0.1	(3)	(3)	(3)	(3)	(3)	355,566	-985,925	-73.5	(3)	99,738	-75.0	0.28	(3)
1929..	7,069	0.1	(3)	(3)	(3)	(3)	(3)	1,341,491	-8,350,363	-86.2	(3)	399,372	-87.3	0.30	(3)
1919..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	9,691,854	-4,332,352	-30.9	(3)	3,146,107	127.9	0.32	(3)
1909..	29,444	0.5	(3)	(3)	(3)	(3)	(3)	14,024,206	2,095,436	17.6	(3)	1,380,492	28.5	0.10	(3)
1899..	62,714	1.1	(3)	(3)	(3)	(3)	(3)	11,928,770	-21,024,157	-63.8	(3)	1,074,260	.....	0.09	(3)
1889..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	32,952,927	-3,623,134	-9.9	(3)	(3)	(3)	(3)	(3)
1879..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	36,576,061	8,132,416	28.6	(3)	(3)	(3)	(3)	(3)
1869..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	28,443,645	-11,676,560	-29.1	(3)	(3)	(3)	(3)	(3)
1859..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	40,120,205	5,866,769	17.1	(3)	(3)	(3)	(3)	(3)
1849..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	34,253,436	.....	.....	(3)	(3)	(3)	(3)	(3)
Broomcorn..... 1939..	7,761	0.1	228,557	-83,089	-26.7	0.1	29.4	60,560,263	-34,635,713	-36.4	265	3,238,348	-42.9	0.05	14.17
1929..	8,687	0.1	311,646	-26,160	-7.7	0.1	35.9	95,195,976	-17,835,156	-15.8	305	5,675,956	-28.6	0.06	18.21
1919..	44,265	0.7	337,806	11,704	3.6	0.1	7.6	113,031,132	34,071,174	43.1	335	7,945,163	54.7	0.07	23.52
1909..	23,238	0.4	326,102	147,518	82.6	0.1	14.0	78,959,958	-11,987,412	-13.2	242	5,134,434	43.1	0.07	15.74
1899..	17,477	0.3	178,584	85,161	91.2	0.1	10.2	90,947,370	52,391,041	135.9	509	3,588,414	.....	0.04	20.09
1889..	(3)	(3)	93,423	.....	.....	(2)	(3)	38,556,329	9,085,504	30.8	413	(3)	(3)	(3)	(3)
1879..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	29,470,825	.....	.....	(3)	(3)	(3)	(3)	(3)
								Bushels	*Bushels*		*Bushels*				
Popcorn..... 1939..	44,503	0.7	71,951	33,464	86.9	(2)	1.6	1,758,949	952,310	118.1	24.4	2,740,193	73.7	1.56	38.08
1929..	8,956	0.1	38,487	-12,291	-24.2	(2)	4.3	806,639	.....	.....	21.0	1,577,480	-50.1	1.96	40.99
1919..	5,914	0.1	50,778	38,005	297.5	(2)	8.6	(3)	(3)	(3)	(3)	3,158,504	868.4	(3)	62.20
1909..	2,535	(2)	12,773	.....	.....	(2)	5.0	(3)	(3)	(3)	(3)	326,141	.....	(3)	25.53
								Tons	*Tons*		*Tons*				
Silage crops, other than corn and sorghums..... 1939..	5,097	0.1	58,432	.....	.....	(2)	11.5	298,851	.....	.....	5.11	1,297,661	.....	4.34	22.21
Root and grain crops (other than corn and annual legumes) hogged or grazed.. [9] 1939..	44,720	0.7	936,634	794,575	559.3	0.3	20.9	(3)	(3)	(3)	(3)	3,651,687	.....	(3)	3.90
1929..	8,540	0.1	142,059	.....	.....	(2)	16.6	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Root crops for feed..... 1939..	(3)	(3)	9,934	-4,818	-32.7	(5)	(3)	154,806	-17,856	-10.3	15.6	741,913	-16.2	4.79	74.68
1929..	8,459	0.1	14,752	-73,581	-83.3	(2)	1.7	172,662	-426,283	-71.2	11.7	885,220	-91.2	5.13	60.01
1919..	51,045	0.8	88,333	.....	.....	(2)	1.7	598,945	.....	.....	6.8	10,089,985	.....	16.85	114.23

[1] Percent of cropland harvested in 1939, 1934, 1929, and in 1924; percent of the total acreage of crops for which figures are available for years prior to 1924. See chapter I, table 4. [2] Less than one-tenth of 1 percent. [3] Not available. [4] Includes data for sugarcane for feed for 1939 as follows: 8 farms reporting 13 acres and 91 tons valued at $616. [5] Prior to 1930 nominally sugarcane for sugar or sirup, or both. Data prior to 1879 limited to production only. However, statistics for production from 1839 to 1899 are not available in tons, but as pounds of sugar and gallons of sirup as follows: 1889—301,284,395 pounds of sugar and 25,400,228 gallons of sirup. 1879—178,872,000 pounds of sugar and 16,573,273 gallons of sirup. 1869—87,043,000 pounds of sugar and 6,589,694 gallons of sirup. 1859—230,982,000 pounds of sugar and 14,954,005 gallons of sirup. 1849—247,577,000 pounds of sugar and 12,060,230 gallons of sirup. 1839—155,100,809 pounds of sugar of all kinds; separate figure for cane sugar not available; no figure for sirup available. [6] In 1929 the figure shown for farms reporting is a total of 196,423 farms reporting sugarcane for sirup and 6,717 farms reporting sugarcane for sugar, or for sale to mills, of which number not more than 1,217 reported sugarcane for both uses. [7] Not available for United States. Louisiana produced 1,664,018 tons valued at $9,504,962 from 265,157 acres in 1924. [8] 9,954,860 maple trees were tapped in 1939; 17,457,144 in 1919; and 18,899,533 in 1909. No data on number of trees tapped for 1929. [9] Includes 2 reports of chicory grazed and 553 reports of kale grazed.

TABLE 2.—FARMS REPORTING, ACREAGE HARVESTED, PRODUCTION, AND VALUE OF SPECIFIED FIELD CROPS FOR THE UNITED STATES: 1839 TO 1939—Continued

[The First Agricultural Census was in 1840. Increase or decrease not shown for periods of more than 10 years. Figures in italics are not included in totals shown in table 1. Percent not shown when 1,000 or more. Figures for divisions and States are shown in tables 7 to 56]

CROP AND YEAR	FARMS REPORTING		ACREAGE					PRODUCTION				VALUE (DOLLARS)			
	Number	Percent of all farms	Total	Increase or decrease (-)		Percent of cropland harvested[1]	Average per farm reporting	Total	Increase or decrease (-)		Yield per acre	Total	Percent increase or decrease (-)	Average per unit	Average per acre
				Acres	Percent				Amount	Percent					
								Tons	*Tons*		*Tons*				
Pumpkins for feed.....1939..	1,835	(2)	12,627	.....	.....	(2)	6.9	17,645	.....	.....	1.4	100,379	.....	5.69	7.95
Squash for feed.....1939..	959	(2)	2,048	.....	.....	(2)	2.1	18,749	.....	.....	9.2	132,066	.....	7.04	64.49
								Pounds	*Pounds*		*Pounds*				
Cassava.....1939..	24	(2)	43	39	975.0	(2)	1.8	45,250	38,050	528.5	1,052	1,810	309.5	0.04	42.09
1929..	3	(2)	4	-119	-96.7	(2)	1.3	7,200	-776,502	-99.1	1,800	442	-88.7	0.06	110.50
1919..	29	(2)	123	.....	.....	(2)	4.2	783,702	.....	.....	6,372	3,918	.....	0.005	31.85
1899..	345	(2)	755	.....	.....	(2)	2.2	9,784,310	.....	.....	12,959	22,558	.....	0.002	29.88
Chicory.....1939..	785	(2)	3,331	-648	-16.3	(2)	4.2	44,122,925	-9,947,836	29.1	13,246	198,755	2.2	0.005	59.67
1929..	792	(2)	3,979	2,195	123.0	(2)	5.0	34,175,089	15,979,026	87.8	8,589	194,385	113.7	0.01	48.85
1919..	480	(2)	1,784	195	12.3	(2)	3.7	18,196,063	-1,087,937	-5.6	10,200	90,980	29.1	0.005	51.00
1909..	(3)	(3)	1,589	-1,480	-48.2	(2)	.....	19,284,000	-2,211,870	-10.3	12,136	70,460	-4.3	0.004	44.34
1899..	1,143	(2)	3,069	.....	.....	(2)	2.7	21,496,870	.....	.....	7,004	73,627	.....	0.003	23.99
								Bushels	*Bushels*		*Bushels*				
Chufas.....1939..	213	(2)	822	364	79.5	(2)	3.9	16,842	8,971	114.0	20.5	50,157	73.8	2.98	61.02
1929..	127	(2)	458	-459	-50.1	(2)	3.6	7,871	-8,765	-52.7	17.2	28,854	-55.4	3.67	63.00
1919..	280	(2)	917	-1,276	-58.2	(2)	3.3	16,636	-28,156	-62.9	18.1	64,712	-28.6	3.89	70.57
1909..	(3)	(3)	2,193	.....	.....	(2)	(3)	44,792	.....	.....	20.4	90,585	.....	2.02	41.31
								Pounds	*Pounds*		*Pounds*				
Hemp for fiber.....1939..	91	(2)	971	-673	-40.9	(2)	10.7	845,517	-350,123	-29.3	871	57,359	-36.5	0.07	59.07
1929..	122	(2)	1,644	-5,608	-77.3	(2)	13.5	1,195,640	-5,952,575	-83.3	727	90,294	-92.3	0.08	54.92
1919..	573	(2)	7,252	-395	-5.2	(2)	12.7	7,148,215	-335,080	-4.5	986	1,175,037	184.7	0.16	162.03
1909..	536	(2)	7,647	-8,395	-52.3	(2)	14.3	7,483,295	-4,267,335	-36.3	979	412,699	-24.5	0.06	53.97
1899..	964	(2)	16,042	-8,839	-35.5	(2)	16.6	11,750,630	-13,886,250	-54.2	732	546,338	.....	0.05	34.06
1889..	(3)	(3)	24,881	.....	.....	(2)	(3)	25,636,880	14,766,160	135.8	1,030	(3)	(3)	(3)	(3)
1879..	(3)	(3)	(3)	(3)	(3)	(3)	(3)	10,870,720	.....	.....	(3)	(3)	(3)	(3)	(3)
Hops.....1939..	898	(2)	29,949	6,647	28.5	(2)	33.4	32,485,614	1,248,131	4.0	1,085	7,943,613	111.9	0.24	265.24
1929..	741	(2)	23,302	7,348	46.1	(2)	31.4	31,237,483	11,476,690	58.1	1,341	3,749,372	-63.8	0.12	160.90
1919..	683	(2)	15,954	-28,739	-64.3	(2)	23.4	19,760,793	-20,957,955	-51.5	1,239	10,364,464	32.1	0.52	649.65
1909..	3,957	0.1	44,693	-10,920	-19.6	(2)	11.3	40,718,748	-8,490,956	-17.3	911	7,844,745	92.2	0.19	175.53
1899..	7,633	0.1	55,613	5,423	10.8	(2)	7.3	49,209,704	10,057,484	25.7	885	4,081,929	.....	0.08	73.40
1889..	(3)	(3)	50,190	3,390	7.2	(2)	(3)	39,152,220	12,605,842	47.5	780	(3)	(3)	(3)	(3)
1879..	(3)	(3)	46,800	.....	.....	(2)	(3)	26,546,378	.....	.....	567	(3)	(3)	(3)	(3)
Mint for oil.....1939..	1,970	(2)	32,537	-18,555	-36.3	(2)	16.5	898,228	15,372	1.7	28	1,760,250	-33.1	1.96	54.10
1929..	3,006	(2)	51,092	39,882	355.8	(2)	17.0	882,856	594,602	206.3	17	2,631,030	82.6	2.98	51.50
1919..	767	(2)	11,210	3,015	36.8	(2)	14.6	288,254	130,163	82.3	26	1,440,525	469.4	5.00	128.50
1909..	(3)	(3)	8,195	-396	-4.6	(2)	(3)	158,091	-29,336	-15.7	19	253,000	76.2	1.60	30.87
1899..	(3)	(3)	8,591	.....	.....	(2)	(3)	187,427	.....	.....	22	143,618	.....	0.77	16.72
Mustard seed.....1939..	286	(2)	20,482	13,560	195.9	(2)	71.6	6,807,671	4,200,927	161.2	332	266,922	17.7	0.04	13.03
1929..	83	(2)	6,922	4,037	139.9	(2)	83.4	2,606,744	1,395,195	115.2	377	226,855	114.0	0.09	32.77
1919..	92	(2)	2,885	.....	.....	(2)	31.4	1,211,549	.....	.....	420	106,011	.....	0.09	36.75
Teasels.....1939..	5	(2)	70	-103	-59.5	(2)	14.0	43,900	xxxxxxxxxx	xxxxx	627	8,146	-86.0	0.19	116.37
1929..	36	(2)	173	95	121.8	(2)	4.8	(4)	xxxxxxxxxx	xxxxx	xxxxxxx	58,164	20.1	.....	336.21
								Thousands	*Thousands*		*Thous.*				
1919..	(3)	(3)	78	-84	-51.9	(2)	(3)	16,140	xxxxxxxxxx	xxxxx	207	48,420	251.9	3.00	620.77
								Tons	*Tons*		*Tons*				
1909..	(3)	(3)	162	.....	.....	(2)	(3)	78	xxxxxxxxxx	xxxxx	0.48	13,760	.....	176.41	84.94
Willows.....1939..	7	(2)	2	-54	-96.4	(2)	0.3	2	-81	-97.6	1.0	378	-93.0	189.00	189.00
1929..	30	(2)	56	-199	-78.0	(2)	1.9	83	-393	-82.6	1.5	5,365	-82.2	64.64	95.80
1919..	40	(2)	255	-406	-61.4	(2)	6.4	476	-381	-44.5	1.9	30,180	-31.7	63.40	118.35
1909..	(3)	(3)	661	140	26.9	(2)	(3)	857	.....	.....	1.3	44,175	21.0	51.55	66.83
1899..	164	(2)	521	.....	.....	(2)	3.2	(3)	(3)	(3)	(3)	36,523	.....	(3)	70.10
								Pounds	*Pounds*		*Pounds*				
Medicinal crops, total.....[5] 1939..	(3)	(3)	1,400	-69	-4.7	(2)	.....	xxxxxxxxxx	xxxxxxxxxx	xxxxx	xxxxxx	236,560	-71.1	xxxxx	168.97
1929..	651	(2)	1,469	.....	.....	(2)	2.3	264,955	.....	.....	180	817,295	.....	3.08	556.36
Miscellaneous seed crops and other miscellaneous crops, total.....[5] 1939..	(3)	(3)	23,100	.....	.....	(2)	.....	xxxxxxxxxx	xxxxxxxxxx	xxxxx	xxxxxx	1,307,424	.....	xxxxx	56.60

[1] Percent of cropland harvested in 1939, 1934, 1929, and 1924; percent of the total acreage of crops for which figures are available for years prior to 1924. See chapter I, table 4. [2] Less than one-tenth of 1 percent. [3] Not available. [4] Production as reported: New York, 3,617 thousands; Oregon, 40,000 pounds; and California, 90,000 pounds. [5] Breakdown shown in table 3.

TABLE 3.—FARMS REPORTING, ACREAGE HARVESTED, PRODUCTION, AND VALUE OF SPECIFIED MINOR FIELD CROPS FOR THE UNITED STATES: 1869 TO 1939

(Figures for States are shown in table 56)

CROP	Farms reporting	Acreage	PRODUCTION		Value (dollars)
			Unit	Amount	
Root crops for feed:					
Artichokes for feed—1939	44	97	tons	1,084	4,856
Beets for feed—1939	811	1,567	tons	18,686	86,125
Carrots for feed—1939	683	830	tons	10,684	48,413
Dasheens for feed—1939	1	1	tons	7	75
Mangels for feed—1939	1,457	1,633	tons	18,138	92,313
Rutabagas for feed—1939	2,020	2,161	tons	15,084	93,409
Sugar beets for feed—1939	64	118	tons	487	2,548
Turnips for feed—1939	783	1,085	tons	9,687	48,772
Combinations of root crops for feed—1939	(1)	2,634	tons	80,949	385,402
Medicinal crops:					
Aloe vera—1939	2	2	doz. leaves	2,800	3,500
Ginseng root—1939	112	138	lbs.	25,508	77,270
1929	8	5	lbs.	447	4,217
Ginseng [2]—1929	303	434	lbs.	59,299	584,274
1919	(1)	54	lbs.	18,561	129,927
1909	(1)	23	----------	(1)	151,888
Golden seal—1939	51	50	lbs.	15,144	40,464
1929	124	87	lbs.	42,638	76,265
Hay fever pollen—1939	1	3	grams	50	9,100
Wormseed oil—1939	240	927	lbs.	38,281	93,787
1929	124	336	lbs.	12,336	33,924
Wormwood oil—1939	19	279	lbs.	3,672	12,300
1929	14	301	lbs.	3,915	56,225
1899	(1)	(1)	----------	(1)	2,419
Other [3]—1939	1	1	lbs.	172	139
Miscellaneous seed crops and other miscellaneous crops:					
Bene seed—1939	3	3	lbs.	460	36
Birdsfoot trefoil seed—1939	2	32	lbs.	2,500	2,500
Cabbage for feed—1939	37	88	tons	455	3,513
Carduus—1939	1	12	tons	24	1,896
Castor beans—1939	19	114	bu.	506	304
1919	12	133	bu.	428	963
1909	46	565	bu.	2,077	3,432
1899	2,329	25,738	bu.	143,388	134,084
Citron melons for feed—1939	5	24	tons	145	543
1929	3	33	tons	246	1,107
Collards for feed—1939	1	(4)	tons	2	10
Crotalaria seed—1939	127	2,771	bu.	13,420	58,427
Cucumbers for feed—1939	1	(4)	tons	1	5
Dill for oil—1939	14	259	lbs.	13,429	15,621
Flag—1939	1	4	bundles	1,000	100
Flax for fiber—1939	258	3,031	tons	4,808	122,730
1929	297	3,903	tons	6,688	205,514
1889	(1)	(1)	lbs.	241,389	(1)
1879	(1)	(1)	lbs.	1,565,546	(1)
1869	(1)	(1)	lbs.	27,133,034	(1)
Miscellaneous seed crops and other miscellaneous crops—Continued					
Gourds—1939	7	81	no.	501,000	6,892
Green peas for feed—1939	1	9	tons	9	40
Hemp seed—1939	12	366	lbs.	131,436	6,125
1929	40	537	bu.	4,602	13,588
1919	37	257	bu.	2,724	10,976
1909	82	583	bu.	5,416	20,007
1899	(1)	(1)	----	(1)	10,443
Kale for feed—1939	44	65	tons	398	1,352
Kudzu—1939	419	3,500	tons	3,043	38,665
1929	1	3	tons	5	23
Lupine seed—1939	2	32	bu.	602	1,084
Melons for feed—1939	161	328	tons	1,027	5,006
Pennyweed seed—1939	1	26	bu.	166	139
Poppy seed—1939	1	2	lbs.	1,300	195
Pumpkins and squash for feed—1939	4	7	tons	45	240
Ramie for fiber—1939	1	10	lbs.	1,500	120
Rape for feed—1939	9	18	tons	32	165
Rape seed—1939	7	124	bu.	446	1,418
1899	(1)	(1)	----	(1)	2,336
Safflower—1939	5	58	lbs.	17,850	491
1929	1	1	lbs.	120	168
Sesbania seed—1939	4	314	bu.	2,203	4,626
Sugar beet seed—1939	285	7,087	lbs.	11,022,625	918,005
1929	8	93	lbs.	90,360	13,555
1919	69	7,022	lbs.	3,606,947	2,012,142
Sugarcane for feed—1939	8	13	tons	91	616
Sunflower seed—1939	437	4,235	bu.	104,432	83,989
1929	1,267	25,523	bu.	624,181	436,340
1919	637	6,614	bu.	135,947	331,708
1909	665	4,731	bu.	63,677	58,318
1899	(1)	(1)	----	(1)	28,896
Swiss chard for feed—1939	1	(4)	tons	2	7
Tansy—1939	1	80	lbs.	1,200	3,600
1929	2	15	lbs.	410	1,333
1899	(1)	(1)	----	(1)	415
Tarragon—1939	1	3	lbs.	5,520	469
Teosinte seed—1939	1	(4)	lbs.	10	6
Tobacco seed—1939	5	26	lbs.	224	2,278
1929	4	18	lbs.	1,544	3,861
1919	1	1	lbs.	117	1,404
1909	3	1	lbs.	389	1,789
Other and unspecified [3]—1939	57	378	----	(1)	26,211

[1] Not available.
[2] Use not specified.
[3] Figures for other and unspecified field crops shown on this table differ from those on table 56 as more crops are shown separately for the United States than for the individual States.
[4] Less than 1 acre.

Corn.—The 1940 Farm and Ranch Schedule contained four questions relating to corn harvested in 1939. These four questions called for: (1) Total acreage of corn for all purposes; (2) acreage and production of corn for grain, whether snapped, husked, or machine-harvested for grain; (3) acreage and production of corn cut for silage; and (4) acreage from which the whole corn plant was hogged or grazed off by livestock, or cut for green or dry fodder and not husked or snapped. Prior to 1925, the several inquiries on corn were not grouped together on the farm schedule; also, fewer inquiries were made concerning corn used for various purposes. This may have resulted in the enumerator reporting, in some instances, the total acreage for all purposes as corn harvested for grain. The corn acreage interplanted with other crops in 1919 was allotted to each crop which gave a smaller acreage of corn than would be secured on the present basis.

The total acreage of corn harvested for all purposes in 1939 was 86,989,626 acres or 11 percent smaller than the 1929 acreage of 97,740,740 and 0.6 percent less than the 87,476,444 acres harvested in the drought year, 1934. A number of factors have contributed to hold corn acreage to the low level induced by the 1934 drought. The corn and hog adjustment programs in 1934 and 1935, and the agricultural conservation programs since then have tended to restrict corn acreage. The series of drought years before and following 1934 encouraged planting of drought resisting varieties of grain sorghums on the western Great Plains in preference to corn. Higher yielding varieties of hybrid corn have also made possible the production of a desirable volume of corn on fewer acres. High yields in 1937 and 1938 built up a surplus for carry-over that was becoming burdensome and a menace to price. On the other hand, the cotton adjustment programs tended, in the southern States, to divert some acreage formerly devoted to cotton to the production of corn. The marked reduction from 1934 to 1939 took place in the western Corn Belt States.

Farms reporting corn for all purposes for 1939 and 1934, classified by number of acres harvested, are shown in table 9.

Sorghums.—Three standardized questions relating wholly to sorghums were carried for all regions on the 1940 Farm and Ranch Schedule. These questions called for the acreage and production of all sorghums: (1) Harvested for grain, (2) cut for silage only, and (3) cut for hay or fodder. In 7 regions a fourth question was carried which called for the acreage and production of sweet sorghums harvested for sirup while in the remaining 2 regions (8 and 9) the enumerator was required to write in under "Other field crops not elsewhere reported" any acreage of this crop harvested. In addition the acreage of sorghums hogged or grazed off was shown under the inquiry "Root and grain crops (other than corn and annual legumes) hogged or grazed off."

The 1935 schedule contained two questions relating to sorghums. One specified, "grain sorghums (kafir, milo maize, feterita, hegari, and 'Egyptian corn') harvested for grain, either threshed or fed in the head after cutting from stalk." The other called for "sweet and grain sorghums cut for silage, hay, or fodder (heads not cut off or threshed)." Sweet sorghums for sirup were reported under "All other crops."

The 1930 and 1925 schedules carried three questions relating to sorghums. They were the acreage and production of: (1) Sorghums harvested for grain, threshed or fed in the head

after cutting from stalk; (2) all sorghums cut for silage, hay or fodder; and (3) sweet sorghum, or sorgo, harvested for sirup. On the 1925 schedule "sorghums harvested for grain" that were suggested in the question were "kafir, milo, feterita, durra, etc." To this list the 1930 schedule added "Egyptian corn," sweet sorghum and "cane."

The 1920 farm schedule asked under "grain crops" for the acres and production of "kafir, milo, feterita, and durra"; and under "hay and forage" for the acreage and production of "kafir, milo, durra, sweet sorghum, and sugarcane cut for forage or fodder." The 1910 schedule under "grains and seeds" asked for acres and production of "kafir corn and milo maize"; and under "hay and forage" asked for acres and tons of "coarse forage" as named by the enumerator. The 1900 schedule under "grains and seeds" asked for acres and tons of "kafir corn"; with the "hay and forage" section carrying a blanket item for acres and tons of "forage crops" that were not otherwise named.

In 1919, sorghum seed amounting to 106,963 acres and 1,567,716 bushels, valued at $2,303,250, was reported for 9,341 farms. In 1909, a total of 72,497 acres and 833,707 bushels, valued at $544,322 was reported for 3,584 farms. The 1920 and 1910 schedules did not list sorghum seed and the reports were limited to those specified by the enumerators on the schedules. They were not regarded as duplicating any acreage and production reported for grain sorghums but may represent incomplete coverage of sweet or forage sorghum seed. In 1940, 1935, and 1930 any sweet or forage sorghum seed was included with grain sorghums.

The acreage of sorghums for all purposes, except sirup, in 1939 was 13,997,581, or 77.7 percent greater than the 7,877,822 acres harvested in 1929. Texas had more than one-third of the total United States harvested acreage in 1939, however, Kansas, Nebraska, Oklahoma, and South Dakota offer very important contributions to the national totals.

While the increase in acreage of sorghum crops is remarkable compared with 1929, it is even more astonishing when we consider that 40 years ago, when the census first took cognizance of this crop, only 266,513 acres of "kafir corn" were recorded which is less than 2 percent of 1939 harvested acreage of all sorghum crops. The original introductions of the sorghums into America were made to try out their ability to produce both grain and forage, under the low and erratic rainfall conditions of the western Great Plains. While their present habitat is still largely confined to that area their importance has been increased by the introduction of better adapted varieties resulting from cross-breeding. Their area has also been greatly expanded northward because of varieties bred to mature in a shorter growing period. Crosses between "sweet" and "grain" varieties have also produced strains that combine the palatable forage qualities of the one variety and the quantity and quality of the grain characteristics of the other. These varieties have extended the use of this crop into the eastern dairy areas for production of silage.

Wheat.—In all regions where both winter and spring wheat are produced, the 1940 Farm and Ranch Schedule contained one question relating to the acreage and production of winter wheat and another relating to acreage and production of spring wheat, except in Region 5 (including the States of Colorado, Kansas, Montana, Nebraska, North Dakota, South Dakota, and Wyoming) where, in addition to the winter wheat question, two questions were carried for spring wheat. One called for the acreage and production of "durum and macaroni wheat" and the other for the acreage and production of "Other spring wheat." In 1930 and 1910, in addition to winter wheat, the farm schedules called for separate reports of durum or macaroni wheat and spring wheat other than durum. In 1935 and 1925, the schedule carried two inquiries relating to the acreage and production of winter wheat and spring wheat. Prior to 1910, there were no separate questions for winter wheat and spring wheat except in 1870, when the production of spring wheat was listed. In each census beginning with 1920 the wheat questions have carried parenthetical qualifications on the schedules as follows: After spring wheat "(spring sown)"; after winter wheat, either "(fall or winter sown)" or "(fall sown)." The Australian types of wheat, such as Federation, are essentially spring wheat types, but in actual practice may be seeded in the fall or winter. As a result, the seeding time qualification "fall or winter sown" has, undoubtedly, led to the recording of these spring wheats under the winter wheat question in those limited areas where these types are grown. This should not, however, affect the total acreage and production of "all wheat" reported. Where flax and wheat were grown together in 1939 and 1934, the enumerators were instructed to report one-half the acreage under each crop.

The total acreage of wheat harvested in 1939 was 50,526,015 acres or a reduction of 18.5 percent from the 61,999,908 acres harvested in 1929. The wheat acreage harvested in 1939, however, exceeded the 1934 acreage by 20.5 percent because of the heavy loss of acreage that year from drought particularly in the western Great Plains. Acreage seeded for harvest in 1939 was materially reduced from the years immediately preceding, mainly because of acute moisture shortage at seeding time on the Great Plains, partly because of lower prices for the 1938 crop, and partly because of allotments established by the Agricultural Adjustment Administration for the 1939 crop. Abandonment of seeded wheat acreage was heavy in several States in the western Great Plains area where drought conditions continued through 1939.

The acreage of spring wheat harvested in 1939 was 14,390,262 acres and comprised 28.5 percent of the total harvested wheat acreage. A total of 3,003,228 acres of durum and macaroni wheat was reported in 6 of the 7 States in the one region where this question was carried on the schedule. The reporting States were: Colorado, Montana, Nebraska, North Dakota, South Dakota, and Wyoming.

The acreage of wheat harvested in 1939 was larger than in 1929 in 18 States. Those States showing the greatest increase were Missouri, Ohio, and Minnesota. The total number of farms harvesting wheat was greater in 1939 than in 1929 with the greatest percent of increase occurring outside the principal wheat-producing area.

Oats.—The farm census schedule beginning with 1925 has carried two separate inquiries relating to oats. One of these questions called for the acreage and production of oats cut for grain and threshed. The other question for the acreage of oats cut for grain when ripe or nearly ripe and fed unthreshed. The enumerators were instructed to report oats cut for hay under the question relating to small grains cut for hay. There was probably no uniform distinction made by enumerators between oats cut for grain and fed unthreshed and oats cut for hay. Prior to 1925 the schedule contained only one specific question on oats, which was carried under the general heading "Grains."

The total acreage of oats threshed, and of oats cut when ripe or nearly ripe and fed unthreshed was 32,306,771 acres in 1939, which was 11.6 percent less than the acreage reported in 1929. This represents an increase of 3,685,995 acres from the 1934 harvested acreage which was substantially reduced because of the unprecedented drought of that year. Of the acreage harvested in 1939, oats cut when ripe or nearly ripe and fed unthreshed comprised 2,373,663 acres, or 7.3 percent of the total. About three-fourths of the oats harvested and fed unthreshed was grown in the West North Central, West South Central, and South Atlantic States.

Barley.—The acreage of barley in 1939 was 12,024,208 acres, or 6.7 percent less than harvested in 1929. This was nearly double the 1934 acreage which was drastically reduced by drought. Barley is gaining favor as a feed crop in both old and new producing areas.

Rye.—A substantial part of the total acreage annually planted to rye is grazed for pasture or plowed under for green manure. In 1940, only the acreage and production of rye threshed or combined were enumerated as a separate question, although rye cut for hay was reported in the question "small grain hay." The 1939 acreage harvested for grain was 3,555,729 or an increase of 17.2 percent from 1929 and nearly double the relatively small acreage harvested in 1934.

Rice.—In appropriate regions the 1940 schedule asked for the acreage and production of "Rice (rough or paddy) threshed (or combined)." The production was reported in 162-pound barrels in all producing States, except California where it was carried in 100-pound bags. In the tables, production was

converted to bushels (45 pounds per bushel) for comparability with other census figures relating to rice. The quantity harvested in censuses from 1910 to 1935 was reported in bushels and prior to 1910 the production was shown in pounds.

Most of the entire 1939 rice crop was grown in Louisiana, Texas, Arkansas, and California. Prior to 1869, the Carolinas and Georgia produced 95 percent or more of the rice grown in the United States. By 1929, production in these States had practically disappeared. The acreage of rice harvested in 1939 was 851,060 acres, an increase of 14.9 percent from 1929 and the largest acreage reported to the census since 1919. The number of farms reporting rice was nearly one-third less than in 1934, but was 7.6 percent above 1929.

Emmer and spelt.—In Regions 1 and 5 the 1940 schedule carried a question relating to emmer and spelt threshed (or combined). For other regions the enumerator had to write in the name of this crop on the schedule. On the whole these grains are not important and are waning in popularity. They were harvested from 140,645 acres in 1939, which was only 40.8 percent of the 1929 harvested acreage. This is less than one-fourth the emmer and spelt acreage harvested in 1909.

Buckwheat.— Buckwheat has shown a steady and continuous decrease since 1909. In 1939 the acreage was 360,753 as compared with 621,854 acres in 1929, and a peak of 878,048 acres in 1909. This crop still enjoys its main popularity in New York and Pennsylvania where about two-thirds of the 1939 production was recorded.

Flax.— The 1940 schedule carried only one question relating to flax threshed. This question was accompanied by an instruction that when grown with wheat, one-half of the acreage was to be reported for flax and one-half for wheat. When grown for fiber, it was to be reported under "Other field crops not elsewhere reported." In 1939 the acreage of flax harvested was 2,081,497, which is more than double the relatively small acreage harvested in the drought year, 1934, but 29.8 percent less than in 1929. Minnesota was credited with about three-fifths of the flax acreage harvested in 1939.

An interesting development shown by the census is the spread of flax production into the southwest, which has followed the introduction of a high seed-yielding variety suitable for production of linseed oil, call Punjab flax. In the 1930 Census only 7 acres of flax were reported in the State of California, and Arizona and Texas did not report any. For 1939, these 3 States reported a total of 92,037 acres that yielded 1,670,925 bushels of flaxseed. This is a yield of 18.2 bushels per acre, as compared with an average yield of 8.6 bushels on the 1,989,460 acres of flax grown elsewhere in 1939. On almost 80,000 acres grown in California the average yield reported was 18.6 bushels and on nearly 5,000 acres grown in Arizona the yield was 23.1 bushels.

Mixed grains.— The 1920 farm schedule was the first to contain an inquiry relating to mixed grains. This inquiry was carried also on the 1930, 1935, and 1940 schedules. In 1940 the inquiry read "Mixed grains, other than a flax and wheat mixture," with a note suggesting the kinds of mixtures to be listed in this question. These were "wheat and oats; wheat and barley; wheat and rye; oats and barley; oats and peas; etc." The schedule bore the notation, "Where flax and wheat were grown together, report one-half the acreage under each crop." The inquiry on the 1935 schedule also was worded to exclude a flax and wheat mixture. In 1930, no such note was carried, but the instructions given to the enumerators, were not to include this mixture under the inquiry "Mixed grains." In 1920, this question was worded "Mixed crops not separated in harvesting" and there was no note as to flax and wheat mixture either on the schedule or in the instructions to the enumerators. As a result, the data for 1919 and 1929 may not be entirely comparable with those of 1934 and 1939.

The 1939 acreage of mixed grains was 1,566,572, a decrease of 35.7 percent from the acreage harvested in 1929, but it was 23.1 percent above the 1934 harvested acreage. Minnesota, New York, and Wisconsin, the principal producing States show a substantial decline in acreage as compared with 1934. This, however, has been more than offset by general increases in mixed grain acreage in 39 States, at least partly as a result of the provisions of the various crop programs.

Annual legumes.—The 1940 Farm and Ranch Schedule called for acreage of annual legumes for all purposes "except plowed under for green manure" in 6 classes, as follows: (1) Soybeans; (2) peanuts; (3) cowpeas; (4) vetches, velvetbeans, mung and horse beans; (5) other dry field and seed beans and lentils; and (6) dry field and seed peas. Whenever carried on the schedule all annual legume questions called for acreage "alone," and "with other crops." The first three classes, previously named, when asked on the regional schedule regularly called for "total" acreage in the main question; and in a subquestion for "acreage and production" of the portion harvested solely for beans, nuts, or peas. All other questions when asked called for total acreage and production with no subquestions. In all, except Region 9 (Arizona and California) the question on "other dry field and seed beans and lentils" carried a parenthetical suggestion reading "(navy, pea bean, Great Northern, kidney, lima, pinto, etc.)"; in Region 9 this class was covered by two questions, (a) dry lima beans, and (b) other dry field and seed beans with a parenthetical suggestion reading "(kidney, pink, pinto, small white, blackeyes, etc.)." Totals obtained for these States in this breakdown are summarized in table 4.

TABLE 4.—DRY LIMA BEANS AND OTHER DRY FIELD AND SEED BEANS—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, FOR ARIZONA AND CALIFORNIA, 1939

(Totals for all dry field and seed beans for acreage grown alone, acreage grown with other crops, quantity harvested, and value in table 2)

ITEM	Arizona	California
Farms reporting any dry field and seed beans	1,611	4,933
Dry lima beans:		
Farms reporting	45	1,426
Grown alone:		
Farms reporting	45	1,424
Acres	240	123,803
Grown with other crops:		
Farms reporting	———	2
Acres	———	39
Harvested for beans:		
Farms reporting	45	1,423
Production (100-lb. bags)	611	1,548,596
Value (dollars)	2,750	7,123,541
All other dry field and seed beans and lentils:		
Farms reporting	1,573	3,784
Grown alone:		
Farms reporting	1,542	3,769
Acres	15,213	162,463
Grown with other crops:		
Farms reporting	33	15
Acres	46	307
Harvested for beans:		
Farms reporting	1,540	3,746
Production (100-lb. bags)	42,784	1,755,669
Value (dollars)	175,701	6,481,352

Acreage and production in tons of annual legumes saved for hay were reported separately (see text for hay). Because of different planting practices, the acreage of legumes interplanted with other crops cannot be satisfactorily reduced to an equivalent solid acreage to obtain a total acreage for a particular legume. For example, soybeans may be grown with corn alone, with both corn and cowpeas, or with corn, cowpeas, and velvetbeans in the same field. In each case, a different acreage would need to be allocated to that in soybeans.

For 1935, the questions for annual legumes were similar to those asked in 1940, except that velvetbeans, vetches, Canada and other dry field and seed peas were carried as a single question, and horse and mung beans were not named specifically in the annual legume section of the schedule.

The annual legume questions also were similar in 1930, except that vetches, horse and mung beans were not named under the specific classes of annual legumes, and velvetbeans were reported separately. The inquiry for 1929 was for the acreage of each specified annual legume for all purposes with instructions to the enumerator to exclude the acreage in annual legumes that was not harvested, but turned under for green manure.

Data for the various annual legumes enumerated for 1924 are omitted from the United States summary table as it is believed that for most items, figures are not sufficiently comparable with those for other years. The lack of comparability results from the wording of the questions on the 1925 farm schedule.

For 1919 and 1909, for soybeans, cowpeas, peanuts, navy, pinto, lima, and other ripe field beans, where grown with other crops, the enumerator was instructed to allot according to his best judgement, a part of the acreage to the annual legume crop and a part to the companion crop. Theoretically, this resulted in securing the approximate total acreage of each annual legume crop on the basis of an equivalent acreage of the annual legume grown alone. For 1919, the acreage of velvetbeans is the total acreage harvested, whether grown alone or mixed with other crops. For 1919 and prior years, the annual legumes for which data were secured, except velvetbeans in 1919, were listed on the schedule with crops harvested for grain or seed and normally included only that portion of the crop harvested for nuts, beans, or peas. For these reasons, close comparisons of the 1939, 1934, and 1929 statistics with those for previous years are difficult.

In 1939, the total acreage of soybeans, cowpeas, and peanuts grown alone was 14,385,756 acres, or about 235 percent above the 4,295,960 acres reported for 1929. The shift from the production of corn, cotton, wheat, and other crops designated as soil-depleting to soil-conserving and soil-building crops, of which annual legumes when properly managed are an important part, is one of the most significant changes in the agriculture of the United States in recent years. In most areas annual legumes are essential to a well-balanced agricultural program. Due to their ability to secure nitrogen from the air and to store this fertilizing element in an available form in the soil, they aid greatly in building up and adding fertility to the soil. Not only are the plants of annual legumes used extensively for forage and for plowing under for green manure, but their seeds and nuts are also widely used for livestock feed, for human consumption, and for the production of vegetable oils and plastics. Most annual legumes require only a short growing season which makes them popular as "catch crops" for planting after other crops have been harvested. They are widely grown with companion crops either interplanted in rows or in a mixture. The acreage of soybeans, cowpeas, and peanuts grown with other crops in 1939 was 7,381,065, or about 289 percent of the total acreage of those crops grown and harvested in like manner in 1929. The exact increase in the acreage of vetches, velvetbeans, mung and horse beans cannot be determined as the questions on the 1930 Farm and Ranch Schedule were not entirely comparable with those carried in 1940.

In 1940, the schedule called for production of soybeans, cowpeas, dry field and seed beans, dry field and seed peas, and vetches, velvetbeans, mung and horse beans, in bushels, in all States, except California and Arizona where the unit of measure was 100-pound bags. Peanuts were reported in pounds. In previous censuses, the production of all legumes for nuts, beans, peas, or seed was reported in bushels, and in this chapter, the 1939 production figures have been converted, when necessary, to bushels for all crops except peanuts, which are shown in pounds because of the variation in weight, per bushel, of the several types of peanuts grown in the United States. In converting, the weight of 60 pounds per bushel was used for soybeans, cowpeas, vetches, velvetbeans, mung and horse beans, dry field and seed beans (other than dry lima), and dry field and seed peas. The weight of 56 pounds per bushel was used in converting dry lima beans.

Hay.—The question relating to hay crops on the 1940 schedule; e. g., annual legumes saved for hay, alfalfa, sweetclover, lespedeza, clover or timothy alone or mixed, small grain hay, other tame hay, and wild hay, were approximately the same as those on the 1930 farm schedule. The exceptions are clover and timothy, sweetclover, and lespedeza.

The 1940 schedule contained one inquiry concerning clover and timothy, while sweetclover and lespedeza were carried as separate questions. In 1930, there were two inquiries relating to clover and timothy—one asked for timothy and timothy and clover mixed; the other for red, alsike, and mammoth clovers cut for hay. The comparative figures presented for 1929 for timothy and clover alone or mixed were obtained by adding the figures for the two classes in 1929. It should be pointed out, however, that the figures for 1939 include crimson clover, while in 1929 crimson clover was shown with sweetclover and Japan clover (lespedeza).

For both 1939 and 1929, the question for annual legume hay named in the wording of the question the specific kinds of annual legume hay to be included, although the list was much more comprehensive for 1939 than for 1929. In 1940 for the enumerator's guidance as to what crops were to be included under annual legumes saved for hay the following list was made a part of the schedule inquiry:

Cowpeas	Vetches	Mungbeans
Peanuts	Crotalaria	Other beans
Canada peas	Soybeans	Beggarweed
Austrian peas	Velvetbeans	Lupines
Other peas	Horsebeans	

The listing was followed by a note concerning byproducts used for hay or straw which read: "Include peanut vines saved for hay, but omit 'straw' where beans or peas have been threshed." The question on the 1935 schedule relating to annual legumes saved for hay was similar to that used on the 1940 schedule, except that it did not name in the wording of the question the specific kinds of hay to be included, but it did contain a notation that acres reported under the specified annual legumes, which produced hay, were to be included. On the reverse side of the 1935 schedule was a statement that annual legumes saved for hay could include other annual legumes in addition to those specified, except annual varieties of sweetclover and lespedeza. Other tame grasses and wild grasses cut for hay were combined into one question on the 1935 farm schedule.

Close comparisons of statistics for the several classes of hay with earlier census years are not always possible because of the different groupings used in the various censuses and to some extent to the difference in the wording of the questions. For example, the use of the wording "saved for hay" in the question for annual legume hay on the 1935 and 1930 schedule, instead of "cut for hay" as in earlier years, may have had a considerable effect, particularly as regards the acreage of peanuts included in the annual legume hay figures. Also, there may have been more pea vines reported as saved for hay in 1934 where the peas were harvested for canning and more bean straw saved for hay than were included in other years. On the 1925 schedule annual legume hay was asked separately for soybeans, cowpeas, and peanuts. Prior to 1919, annual legumes for hay were reported with small grain hay. (See, also, text under Annual Legumes.)

The acreage of all hay in 1939 for the United States was 65,979,445, or a decrease of 2.7 percent from 1929. There has been a substantial expansion of hay acreage, particularly lespedeza, cowpeas, and velvetbeans in the southern States, and soybeans in the Corn Belt States since 1929, but this has not offset the reduction in acreage of clover and timothy and wild hay. The acreage of sweetclover and lespedeza for 1939 was 5,844,124, or a gain of about 314 percent in the decade. This is due largely to the rapid increase in lespedeza acreage in Missouri, Tennessee, Virginia, Arkansas, Kentucky, and North Carolina.

Clover and grass seeds.—The 1940 schedule provided for the listing of the acreage and production of alfalfa seed, sweetclover seed, lespedeza seed, clover seed, and grass seed. The enumerator was instructed to underline the kinds of seed crops grown. For lespedeza seed—3 kinds were listed, namely, Korean, Kobe, and sericea; for clover seed—6 kinds, namely, red, mammoth, Ladino, alsike, crimson, and white Dutch; and for grass seeds—9 kinds, namely, timothy, redtop, bluegrass, millet, Sudan, canary, bent, ryegrass, and crested wheatgrass. If the kinds listed did not apply, he was to write in the name of the seed crops harvested. He could write in kinds not listed. The 1930 schedule called for a separate report on three seed items; clover seed of all kinds, alfalfa seed, and timothy seed. In 1939 the harvested acreage of alfalfa seed was 1,009,758, or nearly double the 525,447 acres harvested in 1929. The great increase in alfalfa acreage harvested for seed was due principally to the increases reported for Michigan, Minnesota, and Wisconsin, which totalled 348,568 acres in 1939 as compared with 31,405 acres 10 years earlier. Lespedeza seed was harvested in 1939 from 605,652 acres. The popularity of lespedeza for pasture, hay, and soil improvement has greatly increased the demand for this seed in recent years. In 1939, a total of 570,034 acres of sweetclover and of 1,528,159 acres of other clover was harvested for seed. Grass seeds of various kinds were harvested from 1,400,364 acres, in 1939.

Cotton.—The 1940 schedule called for the acreage and production of lint cotton in running square bales. Round bales were reported in equivalent square bales on the basis of two round equaling one square bale. In 1940 and 1935 there were no inquiries on cottonseed. The inquiries on the 1930 schedule called for the acreage and production of cotton and the production of cottonseed. The schedule for census years prior to 1930 did not have the inquiry for cottonseed. For 1939, 1919, 1909, and 1899 the production of cottonseed has been computed on the basis of cotton produced.

In 1939 the acreage of cotton harvested was 22,811,004, or a decline of 47.2 percent from 43,227,488 acres harvested in 1929. Unprofitable returns from cotton in recent years and recent farm programs which encouraged diversified farming practices are largely responsible for the shift in the South from the production of cotton to annual legumes, lespedeza, corn, and other crops.

Tobacco.—In regions where tobacco is an important crop the 1940 schedule was designed so that the enumerator could report the acreage and production by types produced in 1939, with the hope that type information might be published later. In previous censuses the schedule called for total acres harvested and total quantity harvested regardless of type. The 1939 tobacco acreage of 1,853,230 was 1.9 percent below 1929, but was 49.8 percent larger than in 1934. Although the 1939 harvested acreage is little changed from 1929 and 1919, it is to be noted that the number of farms reporting tobacco reached an all time high point in 1939 with 498,348 farms reporting as compared with 432,975 in 1929 and 448,572 in 1919.

Sweet sorghums for sirup.—In the sorghum section of the 1940 schedule a separate inquiry was carried in 7 regions for "sweet sorghums for sirup." In the other two regions (regions 8 and 9) the enumerators were required to specify this crop under the head "other field crops not elsewhere reported." In 1939, sweet sorghums were reported harvested for sirup on 176,351 acres as compared with 136,143 acres 10 years earlier. However, the general trend in production of sweet sorghum sirup, in the past two decades has been downward.

Sugarcane.— There were two specific inquiries relative to sugarcane asked in 1940: (1) "Sugarcane (not sorghums) for sirup"; (2) "sugarcane cut for sugar or sale to mills." These questions were very similar to those carried on the 1930 schedule. In 1935, only one inquiry was made relative to sugarcane which called for the acreage and production (in tons) of sugarcane for all purposes.

In order to present comparable figures for 1929 and earlier censuses, farms reporting sugarcane for sugar and for sale to mills have been added to farms reporting sugarcane for sirup in order to obtain farms reporting sugarcane. The acreage and production of sugarcane for seed were reported under "All other crops." The sugarcane acreage in 1939 was 376,974 acres as compared with 302,823 in 1929. About two-thirds of the United States sugarcane acreage was reported in Louisiana.

Sugar beets.— A separate question was provided on the 1940 schedule for sugar beets. On the 1935 schedule there was a single inquiry for sugarcane and sugar beets, but the two were separated in tabulation, on the basis of geographic location of the farms reporting, as the crops are grown in different regions.

Sugar beets, which have steadily increased in importance, show 867,424 acres harvested in 1939, as compared with 747,135 acres 5 years earlier and with 643,797 acres 10 years earlier. This expansion of sugar beet production has taken place largely in areas where the industry was already established. However, in some States there has been expansion into counties not previously growing beets for sugar. Yakima County, Washington; Malheur County, Oregon; and Imperial, Fresno, Kern, and Butte Counties, California have shown notable increases in sugar beets since 1934. Development of successful methods of growing sugar-beet seed in the irrigated valleys of the Southwest has been a great stimulation to the industry. The 1940 Census called for acreage of sugar beets grown for seed to be written in by the enumerators in a "catch-all" question and 7,087 acres for seed in 1939 were reported. Experimentation in seed production without overwintering stecklings in silo was only well started in 1934. Up to that time none had been grown in Arizona, which is now producing nearly 60 percent of the domestic sugar-beet seed crop.

Maple sirup and maple sugar.— The 1940 schedule, for Region 1 only, contained an inquiry relating to maple sugar and sirup made in 1939. The question covered the number of trees tapped in 1939 and the gallons of sirup and/or pounds of sugar produced.

Root and grain crops (other than corn and annual legumes) hogged or grazed off.—Root and grain crops (other than corn and annual legumes) hogged or grazed off in 1939 were to include only crops that were allowed to mature, or which approached maturity, before grazing or hogging off. Crops grown solely for and utilized as pasture were not to be reported under this inquiry. Included with the root and grain crops (other than corn and annual legumes) hogged or grazed off in 1939 are 2 farms reporting 1 acre of chicory grazed, and 553 farms reporting 681 acres of kale grazed off. Also included in this group is the acreage of melons used only for livestock feed.

Minor miscellaneous and medicinal crops.—Appropriate regional schedules carried specific questions for hops, broomcorn, popcorn, mint harvested for oil, and silage crops other than corn and sorghums produced in 1939. In addition, a question was carried asking for acreage and production of "Other field crops not elsewhere reported." The enumerator was requested to write in the name of the crop and the unit of measure for all crops shown under this question. Here there was reported a variety of crops of relatively small importance to the country as a whole, but often of considerable importance in restricted areas. Comparative data for such crops in other years are shown whenever available.

Farm gardens.—The 1940 schedule called for the value of vegetables grown for farm household use, excluding the value of sweetpotatoes and Irish potatoes. Similar inquiries were carried on the 1935 and 1930 schedules, but in 1920 the value of Irish and sweet potatoes was included in the value of farm garden produce. No acreage or production data were secured for farm gardens.

Irish potatoes (all varieties).—The 1940 schedule called for the acreage and production of Irish potatoes, whether grown for home use or for sale. The report for 1939 shows 2,844,098 acres harvested, a 10.2 percent reduction since 1929 and the smallest harvested acreage reported to the Census since 1889. There has been, also, a substantial decrease in the number of farms reporting potatoes although in 1924 a smaller number of farms reported potatoes than in 1939.

For Arizona and California the 1939 production was reported in 100-pound bags but is shown in the tables in bushels, in common with all other States. Conversion was made by using the weight of 60 pounds per bushel.

Sweetpotatoes and yams.—The 1940 question relating to sweetpotatoes and yams included both grown for home use and for sale. The Arizona and California production of this crop for 1939 was converted from 100-pound bags to bushels, using the conversion factor of 55 pounds per bushel.

In 1939, a total of 1,163,719 farms were listed for sweetpotatoes, with 696,474 acres harvested. Five States—Louisiana, Alabama, Mississippi, Georgia, and North Carolina—had about three-fifths of the United States sweetpotato acreage in 1939.

Vegetables harvested for sale.—The 1940 Farm and Ranch Schedules used in the 9 Regions contained a total of 23 questions relating to the acreage harvested and value of specific vegetables harvested for sale. In addition, blank lines were carried for "Other" vegetables and here the enumerator was instructed to list and give the names of the numerous vegetables for which a definite question was not provided on the schedule. No data for production were secured under the inquiries for vegetables for sale. Data on Irish potatoes and sweetpotatoes were to be entered under separate inquiries elsewhere on the schedule.

In 1935 separate inquiries on acreage were carried on the schedule for 5 named vegetables with an additional question for "All other vegetables except Irish and sweet potatoes." The 1930 schedule asked for both acreage and value of 13 named vegetables with an extra line to write in names of any others. The 1925 schedule was limited to the acreage of 7 specified vegetables. The 1920 schedule asked for acreage, production and value of 11 vegetables by name with a blank line to write in others. For Censuses prior to the 1920 Census see footnotes 6 and 7, table 5 of this chapter.

The census found a total of 3,053,221 acres of vegetables (other than Irish and sweet potatoes) harvested for sale in 1939 as compared with 2,811,715 acres harvested for sale in 1929.