

# CHAPTER XI



# INDIVIDUAL CROPS

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## CHAPTER XI.—INDIVIDUAL CROPS

**Introduction.**—This chapter presents statistics for crops grown on farms in 1929, compiled from the returns of the census of 1930. Detailed comparative figures are given for crops grown in 1924 and 1919, when such figures are available. The United States summary tables present available figures for prior censuses. Data for the censuses from 1899 to 1929 are presented by divisions and States for the more important crops. All figures given for acreage and production for the different crops are based upon the returns obtained from the direct inquiries on the general farm schedules used at the several censuses.

In comparing one year with another, it should be borne in mind that the acreage in crops and the number of farms reporting are on the whole a better index of progress or change in agriculture than either the pro-

duction or value, since variations in production may be due mainly to favorable or unfavorable seasons and variations in the value of crops may result largely from changes in price.

Dot maps presented in connection with the statistics indicate the principal areas of production and the relative importance of each. These maps are based upon the county as a unit.

The changes in the wording of the questions on the 1930 general farm schedule have somewhat affected returns. Text or notes under the individual crops call attention to those of importance.

Cereals include corn snapped or husked for grain, wheat, oats cut for grain and threshed, barley, rye, buckwheat, rice, emmer and spelt, sorghums harvested for grain, and mixed grains.

TABLE 1.—CEREALS<sup>1</sup>—SUMMARY FOR THE UNITED STATES: 1879 TO 1929

[Statistics for divisions and States in Table 2]

ITEM	1929	1924	1919	1909	1899	1889	1879
Acreage.....	292, 217, 777	186, 338, 058	219, 137, 719	191, 468, 460	184, 982, 220	140, 378, 857	118, 805, 952
Increase over preceding census <sup>2</sup> .....	15, 879, 719	-32, 799, 661	27, 669, 259	6, 486, 240	44, 603, 363	21, 572, 905	-----
Per cent of increase <sup>3</sup> .....	4 8. 6	-15. 0	14. 5	3. 5	31. 8	18. 2	-----
Production (bushels).....	24, 390, 013, 153	4, 244, 398, 187	4, 682, 783, 599	4, 513, 398, 172	4, 438, 857, 013	3, 523, 442, 477	2, 701, 541, 789
Increase over preceding census <sup>2</sup> .....	145, 614, 966	-438, 385, 412	169, 385, 427	74, 541, 159	915, 414, 536	821, 900, 688	-----
Per cent of increase <sup>3</sup> .....	4 3. 4	-9. 4	3. 8	1. 7	26. 0	30. 4	-----
Average yield per acre.....	21. 7	22. 8	21. 4	23. 6	24. 0	25. 1	22. 7
Per capita production <sup>4</sup> .....	35. 8	37. 0	44. 3	49. 1	58. 4	56. 0	53. 9
Value.....	23, 170, 691, 663	33, 804, 371, 522	36, 943, 835, 861	32, 666, 084, 036	31, 452, 603, 049	-----	-----
Increase over preceding census <sup>2</sup> .....	-5633, 679, 919	-3, 139, 464, 339	4, 277, 751, 525	1, 183, 480, 987	-----	-----	-----
Per cent of increase <sup>3</sup> .....	-16. 7	-45. 2	100. 5	79. 8	-----	-----	-----
Average per bushel.....	50. 72	80. 90	81. 48	80. 59	80. 33	-----	-----
Average per acre.....	\$15. 68	\$20. 42	\$31. 09	\$13. 92	\$8. 01	-----	-----
Per cent that value of cereals formed of total value of all crops.....	39. 3	(6)	47. 1	51. 0	51. 9	-----	-----

<sup>1</sup> Figures for 1929, 1924, 1919, and 1909 include sorghums for seed. The figures for 1924 are exclusive of emmer and spelt and other mixed grains, which were not separately reported.

<sup>2</sup> Includes corrections for slight error in sorghum figures for Knox, Mitchell, and Nolan Counties, Texas.

<sup>3</sup> A minus sign (-) denotes decrease.

<sup>4</sup> The decrease, 1919 to 1929 was: Acreage, 7.7 per cent; production, 6.3 per cent; and value, 54.3 per cent.

<sup>5</sup> Based on population as of census dates, except 1924, which is based on official estimate as of January 1, 1925.

<sup>6</sup> Figures not available.



## AGRICULTURE

TABLE 2.—CEREALS<sup>1</sup>—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929, 1924, AND 1919

DIVISION AND STATE	ACREAGE			PRODUCTION (BUSHELS)			VALUE		
	1929	1924	1919	1929	1924	1919	1929	1924	1919
<b>United States</b> .....	202,217,777	186,338,058	219,137,719	4,300,013,153	4,244,398,187	4,682,783,589	\$3,170,891,603	\$3,804,371,522	\$6,043,836,891
<b>GEOGRAPHIC DIVISIONS:</b>									
New England.....	206,754	237,004	437,960	7,385,223	8,537,200	14,334,651	5,788,309	7,250,901	20,779,790
Middle Atlantic.....	4,831,671	5,411,751	7,229,640	119,681,073	149,186,966	190,845,346	106,312,512	148,024,551	200,881,747
East North Central.....	34,652,219	34,874,503	44,624,169	1,016,701,989	1,049,837,728	1,278,076,779	682,243,202	862,286,933	1,796,065,607
West North Central.....	68,985,364	88,866,438	95,494,469	2,171,949,611	2,096,823,137	1,924,972,040	1,405,810,936	1,721,862,361	2,684,719,681
South Atlantic.....	11,965,029	12,523,613	16,403,849	200,802,520	182,550,228	263,361,312	202,217,293	237,077,055	483,748,701
East South Central.....	10,555,075	11,078,933	14,720,142	200,182,483	188,554,275	248,890,799	191,320,146	224,223,321	450,745,579
West South Central.....	22,856,885	19,608,198	25,719,518	363,366,097	347,582,744	523,037,135	300,265,123	354,726,570	776,709,667
Mountain.....	12,217,909	9,156,126	7,479,022	175,263,885	136,764,443	98,607,091	144,933,568	148,937,855	172,146,998
Pacific.....	5,946,781	4,521,472	7,029,010	134,710,272	81,531,471	140,668,446	125,791,514	99,081,375	267,438,091
<b>NEW ENGLAND:</b>									
Maine.....	123,596	123,212	157,227	4,435,307	4,424,567	4,577,846	3,199,490	3,238,611	5,616,507
New Hampshire.....	5,827	7,352	28,821	249,693	306,883	1,036,401	208,149	295,149	1,450,628
Vermont.....	50,509	67,871	133,621	1,569,923	2,330,137	3,016,959	1,161,438	1,894,058	5,171,758
Massachusetts.....	10,379	13,266	45,361	498,609	639,388	1,921,607	435,695	675,136	3,411,343
Rhode Island.....	2,268	3,566	9,168	89,259	135,202	356,889	102,430	184,002	665,745
Connecticut.....	14,175	21,737	63,762	632,342	800,033	2,524,949	681,207	963,945	4,457,899
<b>MIDDLE ATLANTIC:</b>									
New York.....	1,432,648	1,689,570	2,299,972	31,326,702	48,182,063	55,663,917	24,920,115	40,980,225	82,800,196
New Jersey.....	251,249	302,637	473,071	7,490,125	8,210,833	12,804,695	7,368,218	9,907,616	20,902,859
Pennsylvania.....	3,147,774	3,419,544	4,456,597	80,864,246	92,794,130	122,377,334	74,015,179	97,136,710	187,178,662
<b>EAST NORTH CENTRAL:</b>									
Ohio.....	6,207,066	6,165,278	8,200,784	180,823,898	172,081,727	259,547,851	134,024,140	162,244,105	391,834,355
Indiana.....	7,039,470	6,995,462	9,409,310	190,111,901	187,640,214	262,354,380	132,024,373	164,716,700	378,081,813
Illinois.....	14,257,067	14,403,059	16,808,321	447,312,599	463,457,269	493,641,596	292,439,075	375,231,467	684,754,644
Michigan.....	3,922,275	3,408,177	5,114,095	70,619,997	105,598,839	120,383,085	51,053,998	83,240,306	170,897,885
Wisconsin.....	4,126,401	3,897,527	5,091,599	127,833,594	121,059,674	142,149,877	72,701,616	76,854,295	170,166,910
<b>WEST NORTH CENTRAL:</b>									
Minnesota.....	11,264,081	10,427,218	11,299,103	335,461,688	336,670,291	239,802,305	180,133,268	219,836,472	302,720,126
Iowa.....	16,813,462	15,089,030	16,308,247	630,977,254	487,836,941	587,944,379	368,430,226	352,121,157	606,026,990
Missouri.....	7,453,887	8,151,712	11,970,586	147,432,728	173,416,359	253,356,748	118,501,012	173,406,574	304,211,508
North Dakota.....	15,848,757	13,820,816	14,929,806	179,185,764	257,626,063	124,640,484	134,392,186	230,464,427	215,764,634
South Dakota.....	11,871,109	9,659,835	9,796,654	224,708,819	225,500,411	109,813,928	128,082,944	152,009,003	220,894,433
Nebraska.....	15,618,562	13,677,911	13,629,852	362,003,471	291,899,858	286,429,779	232,377,788	262,749,741	396,019,481
Kansas.....	20,116,515	18,039,916	17,563,821	292,069,887	323,904,114	262,978,417	243,884,512	330,374,927	469,073,515
<b>SOUTH ATLANTIC:</b>									
Delaware.....	243,406	236,962	316,990	5,587,420	4,990,655	5,465,207	5,498,048	6,623,625	9,638,010
Maryland.....	1,047,090	1,037,945	1,366,354	25,460,621	22,774,360	32,298,838	25,334,540	27,874,492	55,845,785
District of Columbia.....	77	170	412	2,505	3,533	10,386	2,517	3,754	26,968
Virginia.....	2,135,253	2,057,559	3,016,632	43,459,495	37,743,310	56,632,727	40,034,531	51,759,705	108,724,486
West Virginia.....	613,856	613,974	1,088,557	15,091,311	12,678,608	24,504,851	15,876,607	16,155,817	42,447,023
North Carolina.....	2,377,476	2,390,436	3,133,916	41,086,825	35,724,004	47,895,444	43,463,806	50,646,827	94,617,676
South Carolina.....	1,499,979	1,669,512	2,048,236	25,245,970	20,486,416	31,878,242	22,016,088	27,062,888	61,402,742
Georgia.....	3,432,683	3,933,747	4,620,990	41,246,159	41,246,128	55,505,915	38,184,160	49,579,388	96,516,880
Florida.....	615,299	583,308	811,762	6,644,124	6,932,254	9,103,702	5,500,927	8,272,099	14,520,130
<b>EAST SOUTH CENTRAL:</b>									
Kentucky.....	2,922,374	3,012,093	4,358,724	64,504,048	66,024,380	85,141,460	59,495,872	72,563,098	151,796,499
Tennessee.....	3,034,646	3,237,884	4,186,624	64,383,114	64,391,813	79,743,248	60,412,484	74,882,432	144,787,316
Alabama.....	2,607,214	2,773,312	3,450,713	35,973,775	33,237,427	45,073,770	37,085,860	43,720,426	82,677,085
Mississippi.....	1,990,841	2,055,664	2,718,081	35,231,546	24,900,655	38,932,321	34,334,930	33,066,765	71,484,679
<b>WEST SOUTH CENTRAL:</b>									
Arkansas.....	1,956,863	2,186,327	2,868,721	35,203,625	38,117,619	45,814,101	33,832,971	45,845,140	86,990,002
Louisiana.....	1,581,394	1,478,592	1,996,690	34,823,730	24,832,280	38,190,747	33,067,805	32,333,248	80,166,279
Oklahoma.....	9,096,847	8,345,820	10,073,118	122,542,305	141,142,206	185,787,404	100,280,598	136,106,630	276,632,438
Texas.....	10,221,781	7,657,450	10,780,989	170,794,437	143,490,639	253,244,793	139,083,749	140,441,552	332,911,348
<b>MOUNTAIN:</b>									
Montana.....	5,027,354	3,768,525	2,017,253	50,352,412	59,357,617	11,142,677	45,190,186	66,540,980	22,432,106
Idaho.....	1,684,061	1,097,703	1,386,885	35,083,689	20,687,368	23,031,463	33,966,383	23,908,466	43,155,745
Wyoming.....	726,129	389,393	330,199	11,821,348	5,729,249	7,807,172	5,175,623	5,175,623	5,412,929
Colorado.....	3,689,585	2,979,442	2,643,758	52,540,541	35,977,106	38,469,179	38,747,842	35,732,650	63,448,740
New Mexico.....	750,638	550,491	570,546	11,752,108	7,478,599	12,371,662	9,441,039	8,383,862	18,367,873
Arizona.....	53,735	79,391	127,502	1,141,400	1,470,258	3,182,155	1,222,035	1,830,615	5,480,064
Utah.....	362,508	268,891	370,868	8,865,225	5,445,613	6,535,366	7,795,916	6,521,198	12,389,191
Nevada.....	23,992	22,290	32,611	707,072	618,643	709,614	762,095	844,455	1,454,350
<b>PACIFIC:</b>									
Washington.....	2,490,360	1,981,009	2,850,010	50,603,695	32,405,832	53,390,502	51,487,149	36,847,820	104,880,261
Oregon.....	1,448,188	1,206,216	1,521,622	33,532,021	23,479,520	30,850,683	31,264,185	25,278,645	53,960,152
California.....	1,969,233	1,334,247	2,656,478	50,574,556	28,645,113	56,417,261	43,040,180	30,954,910	108,571,678

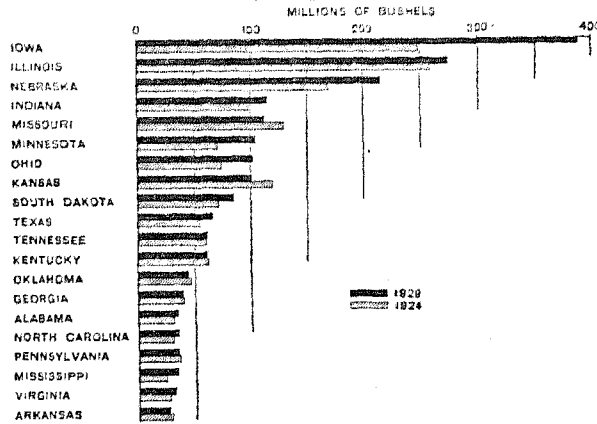
<sup>1</sup> Includes sorghums for seed. The figures for 1924 are exclusive of emmer and spelt and other mixed grains, which were not separately reported.

<sup>2</sup> Includes corrections for slight error in sorghum figures for Knox, Mitchell, and Nolan Counties, Texas.

# INDIVIDUAL CROPS

**Corn.**—There were five inquiries on the 1930 and 1925 general farm schedules relating to corn. These inquiries called for: (1) Total acreage of corn for all purposes, (2) acreage and production of corn snapped or husked for grain, (3) acreage of corn where whole plant was hogged or grazed off, (4) acreage and production of corn cut for silage, and (5) acreage of corn from which the whole plant was cut for green or dry fodder and from which corn was not husked or snapped. Prior to 1925, the several inquiries on corn were not grouped together on the general farm schedule; also, fewer inquiries were made concerning corn used for various purposes. This may have resulted in the enumerator reporting the total acreage of corn for all purposes as corn harvested for grain. The acreage of corn interplanted with other crops in 1919 was allotted to each crop, thus securing a smaller acreage of corn than an acreage obtained upon the present basis.

**PRODUCTION OF CORN, 20 LEADING STATES: 1920 AND 1921**



**TABLE 3.—CORN HARVESTED FOR GRAIN—SUMMARY FOR THE UNITED STATES: 1859 TO 1929**  
(Statistics for divisions and States in Tables 4, 5, 6, and 7)

ITEM	1929	1924	1919	1909	1899	1889	1879	1869	1859
Number of farms reporting	4,148,791	4,195,922	4,936,692	4,813,175	4,697,498				
Per cent of all farms	66.0	65.9	76.6	75.7	81.9				
Acreage	83,161,523	82,328,843	87,771,600	98,382,665	94,913,673	72,087,752	62,368,504		
Increase over preceding census <sup>1</sup>	892,680	-5,442,757	-10,611,065	3,458,962	22,525,921	9,719,248			
Per cent of increase <sup>1</sup>	1.0	-6.2	-10.8	3.7	31.7	15.6			
Average per farm reporting	20.0	19.6	17.8	20.4	20.2				
Production (bushels) <sup>2</sup>	2,130,751,782	1,823,850,173	2,345,832,507	2,552,189,630	2,666,324,370	2,122,327,547	1,754,591,676	760,944,549	838,792,742
Increase over preceding census <sup>1</sup>	306,871,600	-521,952,334	-206,357,123	-114,134,740	543,996,823	367,735,871	993,647,127	-77,848,193	246,721,638
Per cent of increase <sup>1</sup>	16.8	-22.3	-8.1	-4.3	25.6	21.0	130.6	-9.3	41.7
Average yield per acre	25.6	22.2	26.7	25.9	28.1	29.4	28.1		
Per capita production <sup>3</sup>	17.4	15.9	22.2	27.7	35.1	33.7	35.0	19.7	26.7
Value	\$1,635,909,664	\$1,868,569,375	\$3,507,797,102	\$1,438,553,919	\$828,192,388				
Increase over preceding census <sup>1</sup>	-\$232,659,711	-\$1,639,227,727	\$2,069,243,183	\$610,361,531					
Per cent of increase <sup>1</sup>	-12.5	-46.7	143.8	73.7					
Average per bushel	\$0.77	\$1.02	\$1.50	\$0.56	\$0.31				
Average per acre	\$19.07	\$22.70	\$39.97	\$14.62	\$8.73				
Per cent that value of corn formed of total value of all crops	20.3	( <sup>4</sup> )	23.8	27.5	29.0				

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> The decrease, 1919 to 1929 was: Acreage, 5.3 per cent; production, 9.2 per cent; and value, 53.4 per cent.

<sup>3</sup> The production was reported as 592,071,104 bushels in 1849.

<sup>4</sup> Based on population as of census dates, except 1924, which is based on official estimate as of January 1, 1925.

<sup>5</sup> Figures not available.

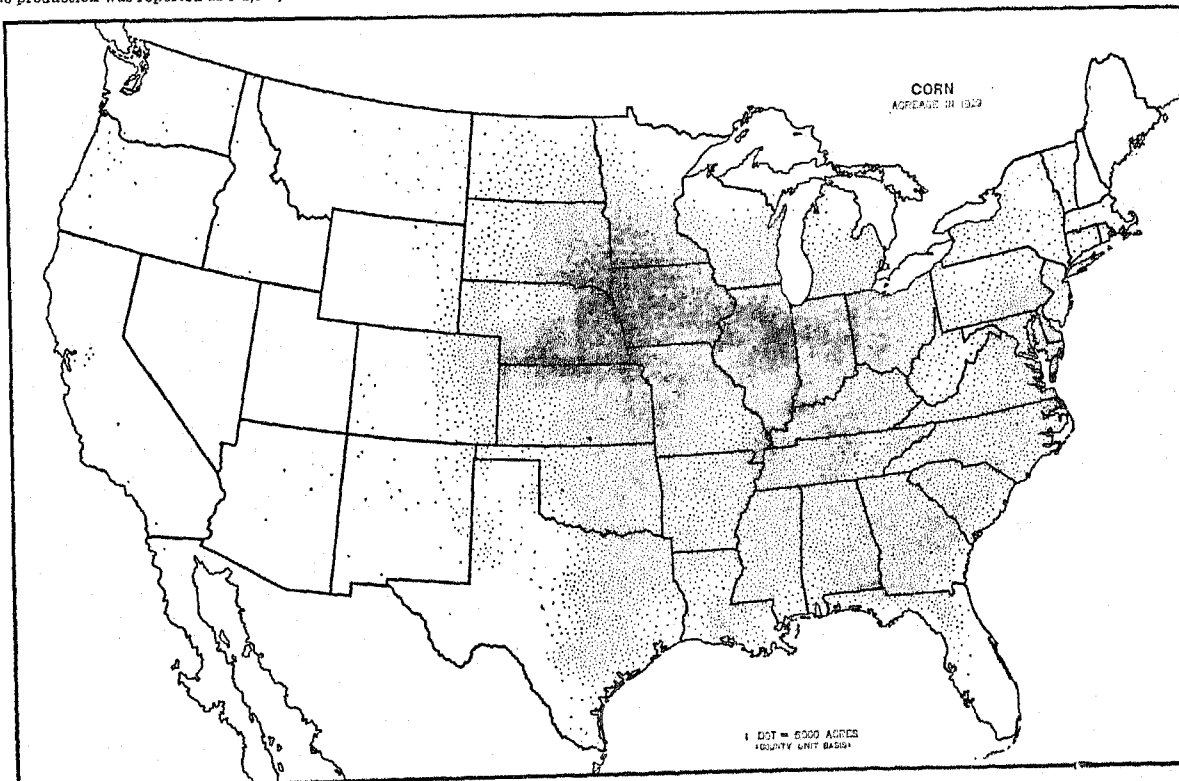


TABLE 4.—CORN—FARMS REPORTING AND ACREAGE OF CORN FOR SPECIFIED PURPOSES, BY DIVISIONS AND STATES: 1929 AND 1924

DIVISION AND STATE	CORN FOR ALL PURPOSES						CORN HARVESTED FOR GRAIN							
	Farms reporting				Acreage		Farms reporting				Acres			
	Number		Per cent of all farms		1929	1924	Number		Per cent of farms reporting corn		Number		Per cent of all corn acreage	
	1929	1924	1929	1924			1929	1924	1929	1924	1929	1924	1929	1924
United States.....	4,597,949	4,760,457	73.1	74.7	97,740,740	98,401,827	4,148,791	4,195,922	90.2	88.1	83,161,523	82,328,843	85.1	88.7
GEOGRAPHIC DIVISIONS:														
New England.....	35,810	44,269	25.7	27.8	175,840	201,166	12,000	17,522	33.5	30.6	31,168	41,076	17.7	20.9
Middle Atlantic.....	236,958	278,515	66.3	66.5	1,957,962	2,123,457	156,093	182,779	65.9	65.6	1,191,384	1,335,443	60.8	62.9
East North Central.....	782,790	863,961	81.0	82.2	19,407,046	20,205,134	647,013	660,766	82.7	76.5	15,654,892	15,428,897	80.7	76.4
West North Central.....	905,697	935,885	81.4	84.2	43,230,272	42,429,425	786,720	801,538	80.9	85.6	35,254,023	34,059,116	81.5	80.3
South Atlantic.....	895,508	960,059	55.5	66.0	9,977,561	10,597,156	886,379	936,905	97.9	97.6	9,609,689	10,205,589	95.3	96.3
East South Central.....	881,899	864,751	83.0	86.0	10,293,675	10,787,355	867,155	846,948	98.3	97.9	9,007,990	10,414,318	96.3	96.5
West South Central.....	755,780	709,670	68.5	69.8	10,375,514	9,579,360	733,091	690,694	97.0	97.3	9,916,009	9,319,749	96.6	97.3
Mountain.....	67,585	80,042	28.0	34.3	2,145,448	2,300,617	49,463	48,713	73.2	60.9	1,622,334	1,452,314	75.0	63.1
Pacific.....	26,022	23,305	9.9	8.8	176,210	177,927	10,877	10,027	41.8	43.0	74,034	71,441	42.0	40.2
NEW ENGLAND:														
Maine.....	4,281	4,215	11.0	8.4	12,294	11,329	810	935	18.9	22.2	1,574	1,390	12.8	12.3
New Hampshire.....	3,319	3,811	22.3	18.1	12,054	12,998	1,122	1,496	33.8	39.3	2,218	2,830	18.4	21.8
Vermont.....	10,576	14,195	42.5	51.1	59,567	79,495	2,425	3,510	22.9	24.7	5,598	8,046	9.4	10.1
Massachusetts.....	7,730	9,076	30.2	27.1	37,857	39,454	2,790	3,758	36.1	41.4	8,050	9,454	21.3	24.0
Rhode Island.....	1,419	1,650	42.7	42.2	8,089	8,077	610	953	43.0	57.8	1,852	2,807	22.9	34.8
Connecticut.....	8,479	11,322	49.3	48.7	45,988	49,813	4,243	6,870	50.0	60.7	11,876	17,449	25.8	36.0
MIDDLE ATLANTIC:														
New York.....	89,491	109,883	56.9	58.2	557,873	652,716	30,091	43,346	33.6	39.4	110,694	166,697	10.8	25.5
New Jersey.....	14,579	17,619	57.4	59.4	169,366	190,549	13,348	15,362	91.0	87.2	180,616	158,059	77.1	82.9
Pennsylvania.....	132,888	151,013	77.1	75.3	1,230,753	1,280,222	112,654	124,071	84.8	82.2	950,074	1,010,687	72.2	78.9
EAST NORTH CENTRAL:														
Ohio.....	182,103	197,463	83.0	80.7	3,473,143	3,362,926	171,005	173,874	93.9	88.1	2,911,424	2,692,555	83.8	80.1
Indiana.....	150,714	165,170	63.0	64.4	4,220,931	4,361,021	142,248	148,740	94.4	90.1	3,675,946	3,695,810	87.1	82.5
Illinois.....	188,204	199,988	87.7	88.6	8,574,008	8,778,334	180,919	187,508	96.1	93.8	7,774,070	7,778,700	90.7	88.6
Michigan.....	116,059	144,743	68.5	75.3	1,197,494	1,590,789	72,471	91,235	62.4	63.0	577,384	782,642	48.2	50.1
Wisconsin.....	145,710	156,597	80.2	81.1	1,941,830	2,142,064	80,370	69,439	65.2	38.0	579,100	579,190	36.9	27.0
WEST NORTH CENTRAL:														
Minnesota.....	142,552	151,330	76.9	80.4	4,358,576	4,594,745	101,944	97,417	71.5	64.4	2,802,045	2,657,689	65.7	57.8
Iowa.....	197,695	198,313	91.7	92.9	11,047,539	10,906,696	192,916	188,388	97.9	95.0	9,683,592	8,761,141	87.7	80.3
Missouri.....	209,093	216,385	81.7	83.1	5,596,045	6,054,554	192,019	204,760	91.8	94.6	4,837,812	5,482,298	86.9	90.6
North Dakota.....	39,096	47,629	46.3	62.7	1,004,608	1,320,202	7,145	12,753	19.8	26.8	137,790	253,177	13.7	19.2
South Dakota.....	72,162	70,898	86.8	89.1	5,094,809	4,815,162	57,414	58,190	70.6	82.1	3,493,279	3,400,120	68.6	71.9
Nebraska.....	116,982	116,329	90.4	91.1	9,516,194	8,717,542	113,938	112,639	97.4	96.8	8,569,965	7,979,871	90.3	91.5
Kansas.....	131,617	135,001	79.3	81.4	6,642,501	6,020,524	121,341	127,391	92.2	94.4	5,648,934	5,464,915	85.0	90.8
SOUTH ATLANTIC:														
Delaware.....	8,465	8,904	87.2	86.8	133,012	136,214	8,405	8,814	99.3	99.0	129,283	133,182	97.2	97.8
Maryland.....	35,245	38,470	81.6	78.5	498,888	515,538	34,629	37,028	98.3	90.8	403,293	480,801	92.9	93.3
District of Columbia.....	27	28	26.0	20.1	376	270	19	20	70.4	71.4	77	130	20.5	46.6
Virginia.....	146,463	164,052	85.8	84.7	1,453,676	1,435,149	143,601	158,869	98.0	96.8	1,352,992	1,336,172	93.1	93.1
West Virginia.....	67,919	69,617	81.1	77.0	434,426	438,286	65,052	66,239	98.0	96.1	409,984	403,201	94.4	92.0
North Carolina.....	248,590	254,431	88.8	89.8	1,985,111	2,009,048	241,622	247,244	97.3	97.2	1,892,416	1,930,678	95.3	96.1
South Carolina.....	139,470	158,280	88.3	91.6	1,392,388	1,590,397	136,161	154,894	97.6	97.9	1,339,340	1,547,120	96.2	96.7
Georgia.....	226,962	230,770	88.8	92.6	3,431,902	3,871,084	223,783	228,664	98.6	99.1	3,369,096	3,798,139	96.4	98.0
Florida.....	33,548	35,507	56.9	60.0	648,085	592,161	32,477	35,142	96.8	99.0	613,208	581,166	94.6	98.1
EAST SOUTH CENTRAL:														
Kentucky.....	294,567	220,598	83.0	85.3	2,843,222	2,898,307	196,145	215,404	95.9	97.7	2,644,643	2,751,045	93.0	94.9
Tennessee.....	209,755	217,910	85.4	86.2	2,816,275	2,984,027	206,090	213,714	98.3	98.1	2,093,141	2,872,599	95.0	96.3
Alabama.....	232,755	222,167	90.4	93.5	2,635,382	2,788,773	231,669	220,815	99.5	99.4	2,591,322	2,754,448	98.3	98.8
Mississippi.....	234,822	204,166	75.1	79.4	1,998,796	2,116,248	233,251	197,012	99.3	96.5	1,978,884	2,038,226	99.0	96.2
WEST SOUTH CENTRAL:														
Arkansas.....	175,726	173,773	72.5	78.3	1,865,763	1,990,762	167,168	167,617	95.1	96.5	1,756,968	1,018,525	94.2	96.4
Louisiana.....	122,696	98,657	76.2	74.5	1,189,350	1,172,382	121,912	94,831	99.1	95.8	1,169,698	1,119,540	98.3	95.5
Oklahoma.....	141,861	140,743	69.8	71.4	3,699,645	2,729,635	137,213	137,607	96.7	97.8	2,913,137	2,666,101	94.9	97.7
Texas.....	315,197	296,497	63.6	63.7	4,250,747	3,686,581	300,798	290,939	97.3	98.1	4,076,266	3,615,583	95.9	98.1
MOUNTAIN:														
Montana.....	6,390	17,091	13.4	36.4	133,851	398,420	1,726	4,923	27.1	28.8	22,050	80,120	16.5	20.1
Idaho.....	4,856	7,361	11.7	18.1	31,844	63,324	3,297	4,642	67.9	63.1	19,711	36,551	61.9	57.7
Wyoming.....	4,546	5,866	28.4	37.8	158,919	179,523	2,629	3,089	57.8	52.7	75,997	82,732	47.8	40.1
Colorado.....	28,628	28,151	47.7	48.5	1,528,539	1,396,019	22,902	20,535	80.0	72.9	1,262,126	1,062,751	82.6	70.1
New Mexico.....	16,550	15,878	52.7	60.1	248,357	215,811	14,028	12,427	88.3	78.3	120,501	165,354	87.2	76.6
Arizona.....	3,098	1,929	21.2	17.9	27,884	30,603	2,172	868	72.2	45.0	17,506	16,043	62.8	55.2
Utah.....	3,293	3,497	12.5	13.5	14,493	15,192	1,954	2,132	57.6	61.0	7,294	7,289	50.6	48.3
Nevada.....	235	269	6.8	6.9	1,651	1,725	155	97	66.0	36.1	1,140	574	60.0	33.3
PACIFIC:														
Washington.....	7,744	7,883	10.9	10.8	32,555	40,383	2,577	3,411	33.3	43.3	9,921	15,795	30.5	39.1
Oregon.....	11,909	11,622	21.6	19.7	63,266	58,151	5,755	4,936	48.3	44.8	24,860	19,867	39.3	34.2
California.....	6,369	4,499	4.7	3.2	80,449	79,413	2,545	1,680	40.0	38.2	39,253	35,779	48.8	46.1

# INDIVIDUAL CROPS

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TABLE 4.—CORN—FARMS REPORTING AND ACREAGE OF CORN FOR SPECIFIED PURPOSES, BY DIVISIONS AND STATES: 1929 AND 1934—Continued

DIVISION AND STATE	CORN CUT FOR SILAGE <sup>1</sup>								CORN CUT FOR FODDER								CORN HOGGED OR GRAZED OFF							
	Farms reporting				Acres				Farms reporting, 1929				Acres				Farms reporting, 1929				Acres			
	Number		Per cent of farms reporting corn		Number		Per cent of all corn acreage		Number		Per cent of all corn acreage		Number		Per cent of all corn acreage		Number		Per cent of all corn acreage					
	1929	1934	1929	1934	1929	1934	1929	1934	1929	1934	1929	1934	1929	1934	1929	1934	1929	1934	1929	1934				
United States.....	379,364	377,961	8.3	7.9	4,005,539	4,227,612	4.1	4.3	600,439	6,265,851	6,672,646	6.4	6.8	291,632	4,309,797	5,172,826	4.4	5.3						
<b>GEOGRAPHIC DIVISIONS:</b>																								
New England.....	18,911	19,973	47.2	46.1	116,035	131,376	66.0	65.3	10,066	25,310	26,166	14.4	13.0	1,293	3,326	1,648	1.9	0.8						
Middle Atlantic.....	72,937	73,149	30.8	26.3	698,846	584,651	30.5	27.5	43,539	149,376	186,626	7.9	8.8	5,019	20,356	16,767	1.0	0.8						
East North Central.....	180,980	189,684	23.1	22.0	1,826,650	2,151,198	9.4	10.6	134,339	1,116,620	1,533,166	5.8	7.6	72,124	899,784	1,091,870	4.2	5.4						
West North Central.....	80,862	68,799	8.9	7.4	1,151,210	1,049,361	2.7	2.5	276,494	4,025,290	3,916,352	9.3	9.2	158,532	2,799,749	3,407,500	6.5	8.0						
South Atlantic.....	11,006	10,655	1.3	1.1	124,433	112,240	1.2	1.1	48,392	230,940	233,357	2.3	2.2	14,017	112,802	45,964	1.1	0.4						
East South Central.....	4,937	4,840	0.6	0.6	52,031	56,085	0.5	0.5	34,571	229,084	236,899	2.2	2.2	11,956	103,979	80,043	1.0	0.7						
West South Central.....	1,547	1,146	0.2	0.2	23,892	17,851	0.2	0.2	28,973	232,947	145,171	2.2	1.5	16,568	293,066	96,589	2.0	1.0						
Mountain.....	3,615	4,003	5.3	5.0	61,484	76,746	2.9	3.3	14,413	224,496	304,974	10.5	15.9	9,802	237,134	406,583	11.1	17.7						
Pacific.....	5,600	5,712	21.8	24.5	52,358	51,268	29.7	28.8	9,742	30,218	29,941	17.1	16.8	2,481	19,600	25,257	11.1	14.2						
<b>NEW ENGLAND:</b>																								
Maine.....	1,883	2,267	44.0	53.8	7,209	7,350	58.6	64.9	1,675	3,109	2,429	25.3	21.4	204	402	100	3.3	1.4						
New Hampshire.....	1,411	1,674	42.6	43.9	7,453	8,174	61.8	62.0	967	2,002	1,810	16.6	13.9	194	381	184	3.2	1.4						
Vermont.....	6,012	8,085	56.8	57.0	44,566	59,639	74.8	75.0	3,079	8,572	11,432	14.4	14.4	255	831	878	1.4	0.5						
Massachusetts.....	3,224	3,019	41.7	39.9	22,871	23,953	60.4	66.7	2,420	6,195	5,586	16.4	14.2	297	741	461	2.0	1.2						
Rhode Island.....	545	449	38.4	27.2	4,594	3,933	56.8	48.7	451	1,399	1,251	17.3	15.5	89	244	86	3.0	1.1						
Connecticut.....	3,836	3,879	45.2	34.3	29,342	28,327	63.8	58.9	1,474	4,033	3,658	8.8	7.3	254	737	379	1.6	0.8						
<b>MIDDLE ATLANTIC:</b>																								
New York.....	40,834	44,570	45.6	40.6	340,063	359,633	61.0	55.1	29,665	97,443	119,972	17.5	18.4	2,555	9,673	6,414	1.7	1.0						
New Jersey.....	2,160	1,871	14.9	10.6	29,724	24,684	17.6	13.6	1,341	7,497	7,072	4.4	3.7	271	1,469	734	0.9	0.4						
Pennsylvania.....	20,934	26,708	22.5	17.7	227,059	200,334	18.4	15.0	12,533	44,436	69,582	3.0	4.7	2,193	9,214	9,619	0.7	0.8						
<b>EAST NORTH CENTRAL:</b>																								
Ohio.....	22,592	25,666	12.4	13.0	180,011	245,896	5.2	7.3	18,128	195,419	203,212	5.6	6.6	17,711	186,289	221,263	5.4	6.6						
Indiana.....	13,983	16,873	9.3	10.2	132,733	190,337	3.1	4.4	16,445	166,738	214,646	4.0	4.9	19,877	245,514	360,228	5.8	8.3						
Illinois.....	18,306	21,248	9.8	10.6	243,137	317,491	2.8	3.6	30,382	286,808	357,712	3.3	4.1	21,409	270,693	324,431	3.2	3.7						
Michigan.....	29,277	33,006	25.2	23.4	296,810	325,770	24.8	20.9	40,605	274,165	376,358	22.9	24.1	5,785	49,078	78,019	4.1	4.9						
Wisconsin.....	96,741	91,991	68.4	58.7	973,959	1,071,704	50.2	50.0	23,709	193,490	381,232	10.0	17.8	7,342	58,313	109,938	3.0	5.1						
<b>WEST NORTH CENTRAL:</b>																								
Minnesota.....	37,610	31,069	26.3	20.5	456,812	411,712	10.5	9.0	79,717	826,829	1,140,347	19.0	24.8	19,829	212,290	384,997	4.9	8.4						
Iowa.....	21,121	21,124	10.7	10.7	248,075	312,045	2.2	2.9	45,556	419,859	682,687	3.8	6.3	60,642	695,983	1,150,823	6.3	10.6						
Missouri.....	3,974	4,014	1.9	1.9	65,618	61,234	1.2	1.0	38,529	474,748	312,618	8.5	5.2	13,094	187,867	198,499	3.4	3.3						
North Dakota.....	2,459	2,819	6.8	5.9	70,276	70,787	7.0	5.4	25,998	579,663	668,814	57.7	50.7	9,183	216,873	327,424	21.6	24.8						
South Dakota.....	3,022	2,653	4.2	3.7	56,691	54,061	1.1	1.1	32,387	824,119	600,913	16.2	12.6	22,632	720,720	694,085	14.1	14.4						
Nebraska.....	4,163	2,185	3.0	1.8	69,474	85,708	0.7	0.4	18,506	267,212	176,410	2.8	2.0	25,809	589,543	525,553	6.2	6.0						
Kansas.....	8,613	4,994	6.5	3.7	184,264	100,814	2.8	1.7	35,499	632,830	328,563	9.5	5.5	7,343	176,473	126,232	2.7	2.1						
<b>SOUTH ATLANTIC:</b>																								
Delaware.....	361	261	4.3	2.9	2,761	1,876	2.1	1.4	108	705	962	0.5	0.7	38	293	194	0.2	0.1						
Maryland.....	2,774	2,022	7.9	5.3	25,979	18,311	5.2	3.6	1,118	6,906	13,118	1.4	2.5	415	2,710	3,308	0.5	0.6						
District of Columbia.....	5	8	18.5	28.6	237	143	63.0	51.3	7	59	6	15.7	2.2	3	3	3	0.8	0.0						
Virginia.....	4,830	4,702	3.2	2.9	54,469	54,268	3.7	3.8	6,719	36,236	38,903	2.5	2.7	1,626	9,979	5,866	0.7	0.4						
West Virginia.....	1,933	2,415	2.9	3.5	15,755	19,072	3.0	4.4	1,564	7,347	13,222	1.7	3.0	364	1,340	2,791	0.3	0.6						
North Carolina.....	1,152	616	0.5	0.2	11,839	8,563	0.6	0.4	16,240	65,699	62,242	3.3	3.1	3,132	15,157	7,569	0.8	0.4						
South Carolina.....	287	72	0.2	( <sup>2</sup> )	3,857	1,440	0.3	0.1	8,170	39,996	45,609	2.9	2.9	1,479	9,198	5,228	0.7	0.3						
Georgia.....	620	488	0.3	0.2	7,324	7,269	0.2	0.2	13,562	68,010	56,576	2.0	1.5	4,841	47,472	14,109	1.4	0.4						
Florida.....	138	71	0.4	0.2	2,212	1,304	0.3	0.2	895	5,982	2,719	0.9	0.5	2,125	26,683	6,972	4.1	1.2						
<b>EAST SOUTH CENTRAL:</b>																								
Kentucky.....	2,706	2,524	1.3	1.1	26,858	25,354	0.9	0.9	16,410	138,738	94,532	4.9	3.2	3,302	32,983	27,376	1.2	0.9						
Tennessee.....	1,730	1,918	0.8	0.9	19,374	22,954	0.7	0.8	8,475	52,882	52,056	1.9	1.7	5,661	50,878	36,418	1.8	1.2						
Alabama.....	356	186	0.2	0.1	4,475	3,592	0.2	0.1	6,011	24,906	27,254	0.9	1.0	1,993	14,679	3,479	0.6	0.1						
Mississippi.....	189	212	0.1	0.1	1,924	4,195	0.1	0.2	2,775	12,588	63,057	0.6	3.0	1,000	5,450	12,770	0.3	0.6						
<b>WEST SOUTH CENTRAL:</b>																								
Arkansas.....	223	314	0.1	0.2	2,278	3,079	0.1	0.2	13,452	86,221	54,889	4.6	2.7	3,040	20,296	14,769	1.1	0.7						
Louisiana.....	129	103	0.1	0.1	1,986	2,798	0.2	0.2	2,334	9,808	23,877	0.8	2.0	1,303	7,867	26,167	0.7	2.2						
Oklahoma.....	645	426	0.5	0.3	11,789	7,678	0.4	0.3	5,963	70,933	29,497	2.3	1.1	5,066	73,786	26,359	2.4	1.0						
Texas.....	550	304	0.2	0.1	7,839	4,296	0.2	0.1	7,384	68,585	37,408	1.5	1.0	7,240	101,117	29,294	2.4	0.8						
<b>MOUNTAIN:</b>																								
Montana.....	88	352	1.4	2.1	1,544	7,819	1.2	2.0	2,967	51,896	148,050	38.8	37.2	2,500	58,352	162,431	43.6	40.8						
Idaho.....	470	817	9.7	11.1	4,032	7,810	12.7	12.3	773	3,863	8,624	11.9	13.6	670	4,298	10,339	13.5	16.3						
Wyoming.....	64	100	1.4	1.7	1,317	2,576	0.8	1.4	876	16,892	36,679	10.4	20.4	2,010	65,015	57,536	40.9	32.0						
Colorado.....	2,155	1,846	7.5	6.0	46,430	48,402	3.0	3.5																



INDIVIDUAL CROPS

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TABLE 6.—CORN HARVESTED FOR GRAIN—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1899 TO 1929

DIVISION AND STATE	ACREAGE					PRODUCTION (BUSHELS)				
	1929	1924	1919	1909	1899	1929	1924	1919	1909	1899
United States.....	83,161,523	82,328,843	87,771,600	98,382,665	94,913,673	2,130,751,782	1,823,880,173	2,345,832,507	2,552,189,630	2,688,324,370
GEOGRAPHIC DIVISIONS:										
New England.....	31,168	41,876	117,347	182,065	198,377	1,436,818	1,789,862	5,597,723	8,238,394	7,807,920
Middle Atlantic.....	1,191,384	1,335,443	1,900,324	2,168,554	2,434,743	44,556,766	48,097,591	84,335,321	69,610,602	82,873,430
East North Central.....	15,654,892	15,428,897	18,349,075	21,910,191	21,590,260	334,653,362	470,158,996	683,430,905	845,298,285	827,065,540
West North Central.....	35,254,023	34,059,116	30,277,836	35,945,207	35,529,295	1,069,885,773	812,166,368	895,539,335	996,358,987	1,114,154,560
South Atlantic.....	9,599,059	10,505,889	12,288,485	11,386,984	12,024,742	163,486,667	149,505,537	212,891,658	179,511,702	169,408,960
East South Central.....	9,907,990	10,414,318	12,539,455	11,328,268	11,713,594	192,673,904	180,705,368	223,952,064	210,164,917	216,124,577
West South Central.....	9,916,009	9,319,749	11,018,649	14,912,067	11,181,133	156,749,272	143,570,815	218,130,912	233,402,067	245,126,328
Mountain.....	1,022,334	1,452,314	1,096,918	463,991	160,211	24,947,740	15,718,004	16,757,583	7,326,043	2,647,733
Pacific.....	74,034	71,441	183,511	95,248	81,405	2,461,480	2,167,632	5,197,006	2,288,683	2,055,322
NEW ENGLAND:										
Maine.....	1,574	1,390	6,965	15,213	16,556	63,393	55,132	288,281	648,882	645,040
New Hampshire.....	2,218	2,830	10,433	19,814	25,694	111,977	135,884	482,738	916,263	1,080,720
Vermont.....	5,598	8,046	21,186	42,887	60,633	259,170	363,885	937,375	1,715,133	2,322,450
Massachusetts.....	8,050	9,454	28,953	41,755	39,131	349,387	425,760	1,515,933	2,029,381	1,539,980
Rhode Island.....	1,852	2,807	7,324	9,079	8,149	76,463	112,421	310,901	398,193	288,220
Connecticut.....	11,870	17,449	42,486	52,717	47,914	676,428	696,760	2,062,495	2,530,542	1,931,510
MIDDLE ATLANTIC:										
New York.....	110,694	166,697	320,325	512,442	658,652	4,283,820	6,081,326	14,109,202	18,115,634	20,024,850
New Jersey.....	180,616	158,059	233,595	285,441	295,268	4,978,928	5,254,918	8,776,107	10,000,731	10,978,800
Pennsylvania.....	950,074	1,010,687	1,346,404	1,380,671	1,480,833	35,294,020	36,761,347	61,450,012	41,494,237	51,869,780
EAST NORTH CENTRAL:										
Ohio.....	2,911,424	2,692,555	3,563,352	3,916,050	3,826,013	102,177,194	74,149,604	149,844,626	157,513,300	132,055,360
Indiana.....	3,675,946	3,595,810	4,457,400	4,901,054	4,499,249	114,871,320	99,853,733	158,603,938	185,496,433	178,967,070
Illinois.....	7,774,070	7,778,700	7,908,385	10,045,830	10,266,335	275,850,367	259,545,250	285,346,031	390,218,676	398,149,140
Michigan.....	577,384	782,642	1,269,155	1,589,596	1,501,189	15,635,217	22,067,155	45,088,912	52,906,842	44,584,130
Wisconsin.....	716,068	579,190	1,180,783	1,457,652	1,497,474	26,019,264	14,523,854	44,547,398	49,163,034	53,309,810
WEST NORTH CENTRAL:										
Minnesota.....	2,882,045	2,657,089	2,380,838	2,004,068	1,441,580	104,419,048	70,415,087	84,786,096	67,897,051	47,256,920
Iowa.....	9,683,592	8,761,141	9,006,733	9,229,378	9,804,076	389,000,414	248,544,341	371,362,393	341,780,460	383,453,190
Missouri.....	4,837,812	5,482,203	5,567,079	7,113,953	7,423,683	112,348,071	128,954,889	146,342,036	191,427,087	208,844,870
North Dakota.....	137,796	253,177	191,428	185,122	62,373	2,172,643	4,862,546	3,876,883	4,941,152	1,284,870
South Dakota.....	3,493,279	3,400,120	2,756,234	2,037,658	1,196,381	84,569,812	71,197,907	69,060,782	55,558,737	32,402,640
Nebraska.....	8,889,965	7,979,871	6,699,450	7,266,057	7,335,187	216,020,274	169,877,327	160,391,314	180,132,807	210,974,740
Kansas.....	5,648,934	5,464,015	3,676,074	8,109,061	8,266,018	101,355,511	118,823,671	59,719,831	154,651,703	229,837,430
SOUTH ATLANTIC:										
Delaware.....	129,283	133,182	170,612	188,755	192,025	3,460,565	3,176,414	3,686,109	4,839,548	4,736,580
Maryland.....	463,293	480,801	619,265	647,012	658,010	14,543,218	13,345,718	21,083,076	17,911,436	19,766,510
District of Columbia.....	77	130	370	426	462	2,595	3,079	15,663	12,667	14,980
Virginia.....	1,352,992	1,336,172	1,804,802	1,800,359	1,910,085	32,772,810	27,726,988	42,302,978	38,295,141	36,748,410
West Virginia.....	409,984	403,201	568,219	676,311	724,646	11,650,200	9,375,248	17,010,357	17,119,097	16,610,730
North Carolina.....	1,892,416	2,930,678	2,311,462	2,456,457	2,720,266	35,608,833	30,547,920	40,968,317	34,618,860	34,818,860
South Carolina.....	1,350,340	1,547,120	1,753,813	1,565,832	1,772,057	19,325,825	18,651,052	27,472,013	20,871,940	17,420,610
Georgia.....	3,809,096	3,793,139	4,269,455	3,883,061	3,477,684	39,492,897	39,776,457	51,492,033	39,374,599	34,032,230
Florida.....	613,208	581,166	790,487	605,771	569,567	6,617,724	6,902,661	8,831,112	7,023,767	5,311,050
EAST SOUTH CENTRAL:										
Kentucky.....	2,644,643	2,751,045	3,247,167	3,436,340	3,319,257	61,008,387	62,844,742	71,518,484	83,348,024	73,974,220
Tennessee.....	2,693,141	2,872,599	3,301,075	3,140,348	3,374,574	61,045,986	60,248,771	70,630,252	67,682,489	67,807,890
Alabama.....	2,691,322	2,754,448	3,334,204	2,872,968	2,743,360	35,683,874	32,998,894	43,699,100	30,695,737	35,053,047
Mississippi.....	1,978,884	2,036,226	2,657,009	2,172,612	2,276,313	34,935,657	24,611,961	38,095,228	28,428,267	38,789,920
WEST SOUTH CENTRAL:										
Arkansas.....	1,756,988	1,918,525	2,292,119	2,277,116	2,317,742	27,388,105	29,449,148	34,226,935	37,609,544	44,144,098
Louisiana.....	1,169,698	1,119,540	1,504,970	1,590,830	1,343,756	18,279,702	12,403,070	21,675,602	26,010,361	22,062,580
Oklahoma.....	2,913,137	2,666,101	2,472,905	5,914,069	2,501,945	44,830,439	47,575,170	53,851,093	94,283,407	68,949,800
Texas.....	4,076,206	3,615,683	4,748,655	5,130,952	5,017,690	66,251,026	54,143,427	108,877,282	75,498,695	100,070,360
MOUNTAIN:										
Montana.....	22,059	80,120	18,717	9,514	3,301	258,667	1,121,734	159,410	274,103	75,838
Idaho.....	19,711	36,551	23,277	9,194	4,582	700,187	1,121,202	640,569	318,181	111,528
Wyoming.....	75,997	82,732	38,575	1,976	1,976	1,062,206	808,289	388,512	176,354	38,000
Colorado.....	1,262,126	1,082,751	752,637	326,559	85,256	18,594,210	10,024,991	10,105,627	4,903,304	1,275,680
New Mexico.....	210,501	165,354	227,167	85,999	41,345	3,822,545	2,175,042	4,737,182	1,164,970	677,305
Arizona.....	17,606	16,943	22,150	15,605	11,654	243,004	225,691	446,208	298,664	204,748
Utah.....	7,294	7,289	13,848	7,267	11,517	232,123	166,702	265,361	169,688	260,020
Nevada.....	1,140	574	547	585	580	34,798	14,353	14,714	20,779	14,614
PACIFIC:										
Washington.....	9,921	15,795	34,790	26,033	10,463	349,100	470,130	901,905	563,025	218,706
Oregon.....	24,860	19,867	31,972	17,280	16,992	788,450	600,137	846,642	451,757	359,523
California.....	39,253	35,779	116,740	51,935	53,930	1,323,930	1,097,365	3,448,459	1,273,901	1,477,093



## AGRICULTURE

TABLE 7.—CORN HARVESTED FOR GRAIN—PER CENT DISTRIBUTION OF ACREAGE AND OF PRODUCTION, AND AVERAGE YIELD PER ACRE, BY DIVISIONS AND STATES: 1879 TO 1929

DIVISION AND STATE	PER CENT OF UNITED STATES ACREAGE							PER CENT OF UNITED STATES PRODUCTION							AVERAGE YIELD PER ACRE (BUSHELS)							
	1929	1924	1919	1909	1899	1889	1879	1929	1924	1919	1909	1899	1889	1879	1929	1924	1919	1909	1899	1889	1879	
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	25.6	22.2	26.7	25.9	28.1	29.4	26.1	28.1
<b>GEOGRAPHIC DIVISIONS:</b>																						
New England.....	0.04	0.05	0.13	0.19	0.21	0.22	0.39	0.07	0.10	0.24	0.32	0.29	0.29	0.48	46.1	42.6	47.7	45.2	39.4	38.0	34.5	34.5
Middle Atlantic.....	1.43	1.62	2.17	2.19	2.57	2.79	4.00	2.09	2.64	3.60	2.73	3.11	3.11	4.71	37.4	36.0	44.4	32.2	34.0	32.8	33.1	33.1
East North Central.....	18.82	18.74	20.91	22.27	22.75	23.24	28.72	25.09	25.78	29.13	33.12	31.02	27.10	35.33	34.1	30.5	37.2	38.6	38.3	34.3	34.6	34.6
West North Central.....	42.39	41.37	34.50	36.54	37.43	39.01	28.51	47.40	44.53	38.18	39.04	41.79	48.23	37.93	28.6	23.8	29.6	27.7	31.4	36.4	37.4	37.4
South Atlantic.....	11.44	12.40	14.00	11.57	12.67	13.35	15.57	7.67	8.20	9.08	7.03	6.36	6.19	7.37	17.2	14.6	17.3	15.8	14.1	13.7	13.3	13.3
East South Central.....	11.91	12.65	14.29	11.51	12.34	13.30	15.32	9.04	9.91	9.55	8.23	8.07	9.34	10.40	19.4	17.4	17.9	18.6	18.4	20.7	19.1	19.1
West South Central.....	11.92	11.32	12.55	15.16	11.78	7.74	7.23	7.36	7.87	9.30	9.15	0.19	5.49	3.60	15.8	15.4	19.8	15.7	21.9	20.9	14.0	14.0
Mountain.....	1.95	1.76	1.25	0.47	0.17	0.23	0.13	1.17	0.86	0.71	0.29	0.10	0.11	0.08	15.4	10.8	15.3	15.8	16.5	14.4	16.6	16.6
Pacific.....	0.09	0.09	0.21	0.10	0.09	0.13	0.13	0.12	0.12	0.22	0.09	0.08	0.13	0.12	33.2	30.3	28.3	24.0	25.2	30.2	27.1	27.1
<b>NEW ENGLAND:</b>																						
Maine.....	(1)	(1)	0.01	0.02	0.02	0.02	0.05	(1)	(1)	0.01	0.03	0.02	0.02	0.05	40.3	39.7	41.4	42.7	38.3	35.0	31.0	31.0
New Hampshire.....	(1)	(1)	0.01	0.02	0.03	0.03	0.06	0.01	0.01	0.02	0.04	0.04	0.05	0.08	50.5	48.0	46.3	40.2	42.1	41.6	36.9	36.9
Vermont.....	0.01	0.01	0.02	0.04	0.06	0.06	0.09	0.01	0.02	0.04	0.07	0.09	0.08	0.11	46.3	45.2	44.2	40.0	38.3	40.7	36.5	36.5
Massachusetts.....	0.01	0.01	0.03	0.04	0.04	0.05	0.08	0.02	0.02	0.06	0.08	0.06	0.06	0.10	43.4	45.0	52.4	48.6	39.4	39.1	34.2	34.2
Rhode Island.....	(1)	(1)	0.01	0.01	0.01	0.01	0.02	(1)	0.01	0.01	0.02	0.01	0.01	0.02	41.3	40.1	42.4	41.1	35.4	32.6	31.4	31.4
Connecticut.....	0.01	0.02	0.05	0.05	0.05	0.06	0.09	0.03	0.04	0.09	0.10	0.07	0.07	0.11	48.5	39.9	48.5	48.0	40.3	36.4	33.7	33.7
<b>MIDDLE ATLANTIC:</b>																						
New York.....	0.13	0.20	0.36	0.52	0.69	0.68	1.25	0.20	0.33	0.60	0.71	0.76	0.71	1.46	38.7	36.5	44.0	35.4	30.4	30.6	33.0	33.0
New Jersey.....	0.16	0.19	0.27	0.27	0.31	0.37	0.55	0.23	0.29	0.37	0.39	0.41	0.41	0.64	38.1	33.2	37.6	37.7	37.2	32.3	32.4	32.4
Pennsylvania.....	1.14	1.23	1.53	1.40	1.56	1.74	2.20	1.66	2.02	2.62	1.63	1.95	1.99	2.61	37.1	36.4	45.6	30.1	35.0	33.8	33.4	33.4
<b>EAST NORTH CENTRAL:</b>																						
Ohio.....	3.50	3.27	4.06	3.98	4.03	4.42	5.26	4.80	4.07	6.39	6.17	5.70	5.37	6.38	35.1	27.5	42.1	40.2	30.7	35.7	34.1	34.1
Indiana.....	4.42	4.37	5.08	4.08	4.74	4.97	5.90	5.39	5.47	6.76	7.66	6.71	5.13	6.58	31.2	27.8	35.6	39.9	39.8	30.4	31.4	31.4
Illinois.....	9.35	9.45	9.01	10.21	10.82	10.91	14.46	12.95	14.23	12.16	15.29	14.93	13.65	18.57	35.5	33.4	36.1	38.8	38.8	36.8	36.1	36.1
Michigan.....	0.60	0.95	1.45	1.02	1.58	1.38	1.47	0.73	1.21	1.02	1.07	1.07	1.36	1.85	27.1	28.2	35.5	38.3	29.7	28.9	35.3	35.3
Wisconsin.....	0.86	0.70	1.31	1.48	1.58	1.55	1.63	1.22	0.80	1.90	1.93	2.00	1.60	1.95	36.3	25.1	38.7	33.7	35.0	30.4	33.7	33.7
<b>WEST NORTH CENTRAL:</b>																						
Minnesota.....	3.44	3.23	2.71	2.04	1.52	1.25	0.70	4.90	3.86	3.61	2.66	1.77	1.16	0.85	36.5	26.5	35.6	33.9	32.8	27.4	33.8	33.8
Iowa.....	11.64	10.64	10.26	9.38	10.33	10.52	10.61	18.26	13.63	15.83	13.39	14.38	14.75	15.67	40.2	28.4	41.2	37.1	30.1	41.3	41.6	41.6
Missouri.....	5.82	6.06	6.34	7.23	7.82	8.42	8.96	5.27	7.07	6.24	7.50	7.83	9.28	11.54	23.2	23.5	26.3	26.9	28.1	32.4	36.2	36.2
North Dakota <sup>1</sup> .....	0.17	0.31	0.22	0.19	0.07	0.02	(1)	0.10	0.27	0.17	0.19	0.05	0.01	(1)	15.8	19.2	20.8	26.7	28.0	15.0	27.8	27.8
South Dakota <sup>2</sup> .....	4.20	4.20	3.14	2.07	1.26	1.04	0.14	3.97	3.90	2.94	2.18	1.22	0.62	0.11	24.2	20.6	25.1	27.3	27.1	17.5	22.0	22.0
Nebraska.....	10.33	9.69	7.63	7.39	7.73	7.60	2.61	10.14	9.29	6.84	7.66	7.91	10.17	2.73	28.1	21.2	23.9	24.8	28.8	39.4	40.1	40.1
Kansas.....	6.79	6.64	4.19	8.24	8.71	10.15	5.48	4.76	6.51	2.55	6.06	8.62	12.23	6.03	17.9	21.7	16.2	19.1	27.8	35.5	30.9	30.9
<b>SOUTH ATLANTIC:</b>																						
Delaware.....	0.16	0.16	0.19	0.19	0.20	0.24	0.32	0.16	0.17	0.16	0.19	0.18	0.15	0.22	26.8	23.9	21.6	25.0	24.7	17.7	19.3	19.3
Maryland.....	0.56	0.58	0.71	0.66	0.69	0.81	1.07	0.68	0.73	0.90	0.70	0.74	0.70	0.91	31.4	27.8	34.0	27.7	30.0	25.4	24.0	24.0
District of Columbia.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	33.7	23.7	42.3	29.7	32.4	30.8	28.8	28.8
Virginia.....	1.63	1.62	2.06	1.89	2.01	2.22	2.83	1.54	1.52	1.80	1.50	1.38	1.28	1.60	24.2	20.8	28.3	24.0	19.0	17.0	16.5	16.5
West Virginia.....	0.49	0.40	0.65	0.69	0.76	0.82	0.91	0.55	0.51	0.78	0.67	0.62	0.65	0.80	28.4	23.3	29.9	25.3	22.9	23.2	24.9	24.9
North Carolina.....	2.28	2.35	2.63	2.50	2.87	3.27	3.70	1.67	1.67	1.75	1.33	1.31	1.21	1.60	18.8	15.8	17.7	13.8	12.8	10.9	12.2	12.2
South Carolina.....	1.61	1.88	2.00	1.59	1.87	1.87	2.09	0.91	1.02	1.17	0.82	0.65	0.67	0.67	14.4	12.1	15.7	13.3	9.8	10.2	9.0	9.0
Georgia.....	3.98	4.01	4.86	3.44	3.66	3.58	4.07	1.85	2.18	2.20	1.54	1.28	1.38	1.32	11.9	10.5	12.1	11.6	9.8	11.3	9.1	9.1
Florida.....	0.74	0.71	0.90	0.62	0.60	0.53	0.58	0.31	0.38	0.38	0.28	0.20	0.17	0.18	10.8	11.9	11.2	11.6	9.3	9.8	8.8	8.8
<b>EAST SOUTH CENTRAL:</b>																						
Kentucky.....	3.18	3.24	3.70	3.49	3.50	4.11	4.84	2.86	3.45	3.05	3.27	2.77	3.70	4.15	23.1	22.8	22.0	24.3	22.3	26.5	24.1	24.1
Tennessee.....	3.24	3.49	3.76	3.20	3.56	3.87	4.66	2.86	3.30	3.01	2.65	2.52	3.00	3.58	22.7	21.0	21.4	21.5	19.0	22.8	21.6	21.6
Alabama.....	3.12	3.35	3.80	2.62	2.89	2.95	3.30	1.67	1.81	1.86	1.20	1.31	1.42	1.45	13.8	12.0	13.1	11.9	12.8	14.1	12.4	12.4
Mississippi.....	2.38	2.47	3.03	2.21	2.40	2.37	2.52	1.64	1.35	1.62	1.11	1.45	1.23	1.22	17.7	12.1	14.3	13.1	17.0	15.3	13.6	13.6
<b>WEST SOUTH CENTRAL:</b>																						
Arkansas.....	2.11	2.33	2.61	2.31	2.44	2.29	2.08	1.29	1.61	1.46	1.47	1.66	1.60	1.38	15.6	15.3	14.9	16.5	19.0	20.6	18.6	18.6
Louisiana.....	1.41	1.36	1.71	1.62	1.42	1.16	1.19	0.86	0.98	0.92	1.02	0.83	0.62	0.56	15.6	11.1	14.4	16.4	16.4	15.6	13.3	13.3
Oklahoma <sup>3</sup> .....	3.50	3.24	2.82	6.01	2.64	0.02	2.10	2.61	2.30	3.69	2.59	0.01	-----	15.4	17.8	21.8	15.9	27.6	17.6	-----	-----	
Texas.....	4.90	4.39	5.41	5.21	5.29	4.27	3.96	3.11	2.97	4.62	2.96	4.12	3.20	1.66	16.3	15.0	22.8	14.7	21.9	22.4	11.8	11.8
<b>MOUNTAIN:</b>																						
Montana.....	0.03	0.10	0.02	0.01	(1)	(1)	(1)	0.01	0.06	0.01	0.01	(1)	(1)	(1)	11.7	14.0	8.5	28.8	23.0	14.0	28.7	28.7
Idaho.....	0.02	0.04	0.03	0.01	(1)	(1)	(1)	0.03	0.06	0.03	0.01	(1)	(1)	(1)	35.5	30.7	27.5	34.6	24.3	18.1	28.5	28.5
Wyoming.....	0.09	0.10	0.04	0.01	(1)	(1)	(1)	0.05	0.05	0.02	0.01	(1)	(1)	(1)	14.0	10.5	10.1	19.0	19.2	12.7	-----	-----
Colorado.....	1.53	1.29	0.86	0.33	0.09	0.17	0.04	0.87	0.55	0.43	0.19	0.05	0.07	0.03	14.7	9.4	13.4	15.0	16.0	12.7	19.8	19.8
New Mexico.....	0.28	0.20	0.26	0.09	0.04	0.04	0.07	0.18	0.12	0.20	0.05	0.03	0.03	0.04	17.7	13.2	20.9	13.5	16.4	20.4	15.3	15.3
Arizona.....	0.02	0.02	0.03	0.02	0.01	0.01	(1)	0.01	0.01	0.02	0.01	0.01	(1)	(1)	13.9	13.3	20.1	19.1	17.6	19.1	19.1</	

Wheat.—There were three inquiries on the 1930 general farm schedule relating to wheat. These called for the acreage and production of winter wheat, durum or macaroni wheat, and spring wheat other than durum or macaroni. The inquiry on durum or macaroni wheat appeared on the 1930 general farm schedule for the first time since 1910. In 1924 and 1919, the inquiries on wheat called for the acreage and production of winter and spring wheat separately. In Table 12, showing comparative figures, durum or macaroni wheat has been added with other spring wheat to secure a total for all spring wheat.

PRODUCTION OF WHEAT, 15 LEADING STATES: 1929 AND 1924

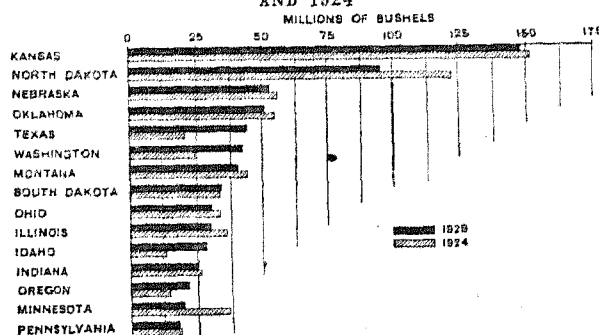
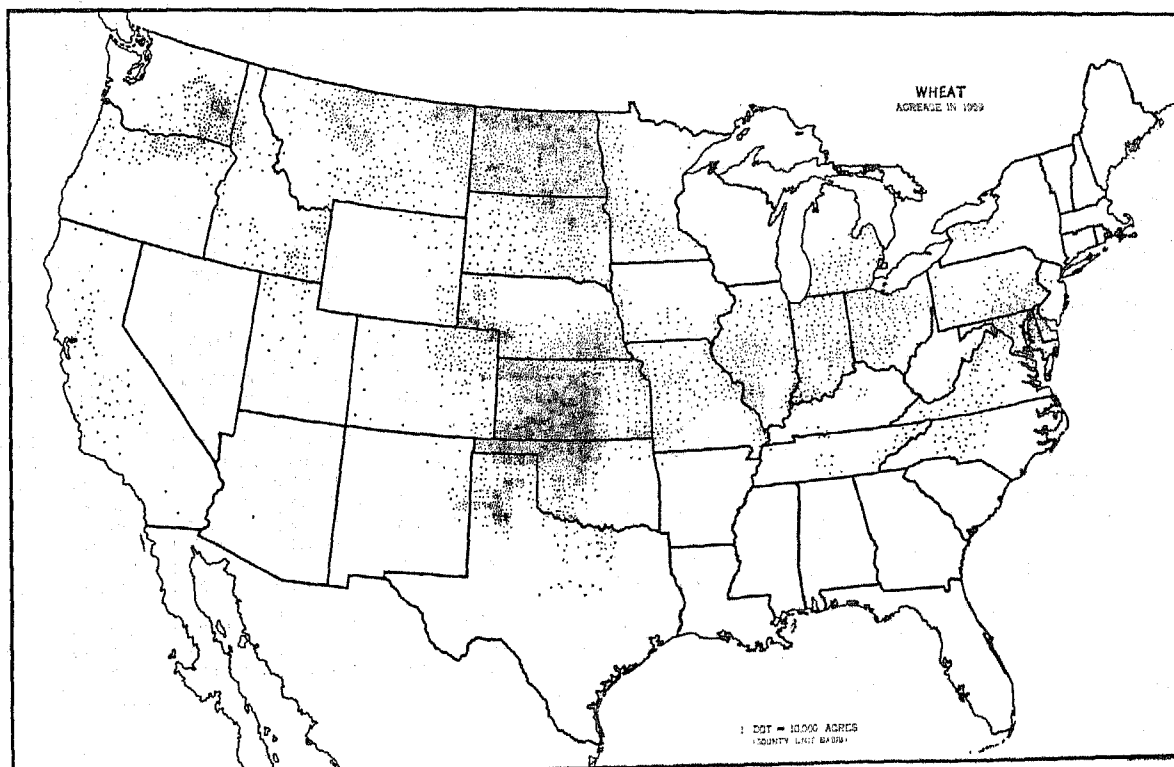


TABLE 8.—WHEAT—SUMMARY FOR THE UNITED STATES: 1859 TO 1929

[Statistics for divisions and States in Tables 9, 10, 13, and 14]

ITEM	1929	1924	1919	1909	1899	1889	1879	1869	1859
Number of farms reporting.....	1,208,368		2,225,134	1,458,667	2,053,912				
Per cent of all farms.....	19.2		34.6	22.9	35.8				
Acreage.....	61,999,908	50,862,230	73,099,421	44,262,592	52,588,574	33,579,514	35,430,333		
Increase over preceding census <sup>1</sup> .....	11,137,678	-22,237,191	28,836,829	-8,325,982	19,009,060	-1,850,819			
Per cent of increase <sup>1</sup> .....	<sup>2</sup> 21.9	-30.4	65.1	-15.8	56.6	-5.2			
Average per farm reporting.....	61.3		32.9	30.3	25.0				
Production (bushels) <sup>3</sup> .....	800,648,955	800,876,659	945,403,215	683,379,259	658,531,252	468,373,968	459,483,137	287,745,626	173,104,924
Increase over preceding census <sup>1</sup> .....	-227,704	-144,526,556	262,023,956	24,845,007	190,160,284	8,890,831	171,737,511	114,640,702	72,618,980
Per cent of increase <sup>1</sup> .....	(?) (?)	-15.3	38.3	3.8	40.6	1.9	59.7	66.2	72.3
Average yield per acre.....	12.9	15.7	12.9	15.4	12.5	13.9	13.0		
Per capita production <sup>4</sup> .....	6.5	7.0	8.9	7.4	8.7	7.4	9.2	7.6	5.5
Value.....	\$838,506,124	\$1,037,627,104	\$2,074,078,801	\$657,656,801	\$369,945,320				
Increase over preceding census <sup>1</sup> .....	-\$199,120,980	-\$1,036,451,697	\$1,416,422,000	\$287,711,481					
Per cent of increase <sup>1</sup> .....	<sup>5</sup> -19.2	-50.0	215.4	77.8					
Average per bushel.....	\$1.05	\$1.80	\$2.19	\$9.99	\$0.56				
Average per acre.....	\$13.52	\$20.40	\$28.37	\$14.80	\$7.03				
Per cent that value of wheat formed of total value of all crops.....	10.4	(?)	14.1	12.6	12.9				

<sup>1</sup> A minus sign (-) denotes decrease. <sup>2</sup> The decrease, 1919 to 1929 was: Acreage, 15.2 per cent; production, 15.8 per cent; and value, 59.6 per cent.  
<sup>3</sup> The production was reported as 100,485,944 bushels in 1849. <sup>4</sup> Less than one-tenth of 1 per cent decrease. <sup>5</sup> Figures not available.  
<sup>6</sup> Based on population as of census dates, except 1924, which is based on official estimate as of January 1, 1925.





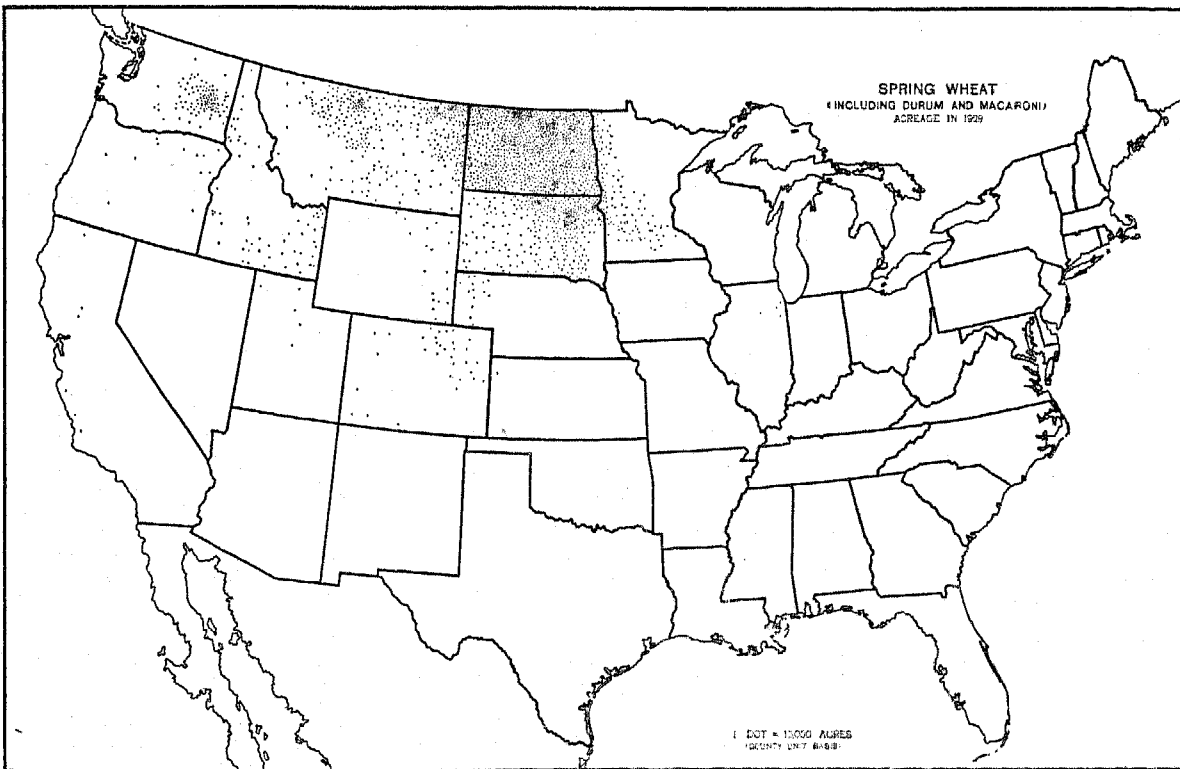
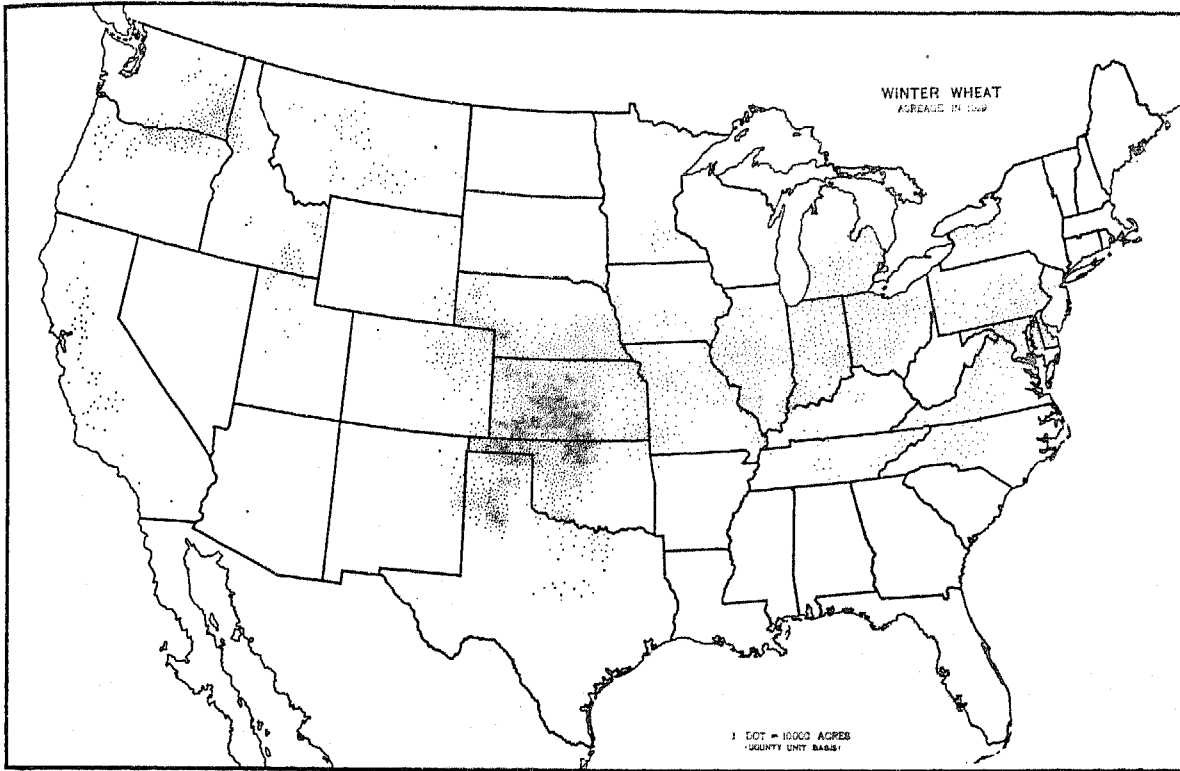
AGRICULTURE

TABLE 9.—WHEAT—FARMS REPORTING, 1929 AND 1919; AND ACREAGE, PRODUCTION, AND VALUE, 1929 AND 1919; BY DIVISIONS AND STATES

DIVISION AND STATE	FARMS REPORTING		ACREAGE			PRODUCTION (BUSHEL)			VALUE		
	1929	1919	1929	1924	1919	1929	1924	1919	1929	1924	1919
United States.....	1,208,369	2,225,134	61,999,908	50,862,230	73,099,421	800,648,955	800,876,659	945,403,215	8838,506,124	31,037,627,104	32,074,078,801
<b>GEOGRAPHIC DIVISIONS:</b>											
New England.....	827	13,481	2,744	5,408	31,664	60,794	118,079	544,786	92,883	212,465	1,208,576
Middle Atlantic.....	114,263	189,989	1,279,553	1,480,921	1,973,909	22,329,438	25,011,215	33,968,515	27,091,258	37,119,517	76,415,411
East North Central.....	317,063	632,344	6,074,702	6,582,427	11,410,716	101,177,752	117,271,457	201,963,399	114,992,068	162,874,208	444,146,148
West North Central.....	378,174	653,240	32,559,155	26,940,402	38,346,465	374,836,720	429,538,644	423,365,500	382,249,441	542,783,473	985,172,662
South Atlantic.....	166,091	305,821	1,826,267	1,749,773	2,924,762	25,543,757	23,515,984	32,847,792	31,033,951	36,025,536	76,313,761
East South Central.....	34,646	126,023	485,922	451,092	1,564,887	4,985,794	4,864,884	17,015,009	6,223,874	7,250,505	38,086,974
West South Central.....	62,799	153,987	7,561,619	4,854,736	7,374,160	95,415,317	75,724,381	104,240,291	94,177,187	88,288,636	220,415,266
Mountain.....	99,060	100,428	8,206,884	8,802,740	4,812,019	101,225,987	80,066,931	53,220,367	99,108,276	105,087,168	112,913,384
Pacific.....	35,445	49,821	4,003,062	2,964,731	4,660,639	75,073,396	44,164,484	78,231,556	82,937,186	57,979,599	169,346,599
<b>NEW ENGLAND:</b>											
Maine.....	554	4,961	1,705	3,506	14,464	39,474	78,707	261,185	63,705	147,830	613,785
New Hampshire.....	10	912	18	72	1,366	376	2,156	21,968	529	3,449	50,520
Vermont.....	170	5,792	658	1,307	11,276	13,248	27,446	176,003	18,115	44,269	404,808
Massachusetts.....	38	703	172	215	1,876	3,625	4,028	33,253	4,959	6,567	76,484
Rhode Island.....	4	40	16	18	106	496	365	2,275	720	602	5,232
Connecticut.....	51	1,163	175	290	2,776	3,575	5,977	50,102	4,855	9,748	117,741
<b>MIDDLE ATLANTIC:</b>											
New York.....	24,031	55,580	238,874	313,792	463,401	3,817,648	5,841,393	9,139,268	4,731,535	8,893,910	20,556,621
New Jersey.....	4,836	8,124	53,579	53,311	84,897	1,100,937	1,002,823	1,378,269	1,377,105	1,573,575	3,087,324
Pennsylvania.....	84,496	126,285	987,100	1,113,818	1,424,951	17,410,853	18,166,999	23,453,978	20,982,618	26,652,032	52,771,466
<b>EAST NORTH CENTRAL:</b>											
Ohio.....	97,387	176,421	1,563,740	1,818,522	2,922,592	30,289,579	33,233,421	58,124,351	35,055,308	48,033,194	127,878,574
Indiana.....	65,187	123,043	1,533,031	1,605,117	2,798,657	26,190,384	26,407,631	45,207,862	28,101,520	36,708,901	98,101,056
Illinois.....	66,836	136,079	2,093,399	2,250,385	4,103,035	30,150,949	36,032,643	70,890,917	34,094,060	46,827,454	155,960,014
Michigan.....	63,581	103,993	790,145	792,995	1,056,687	13,711,136	18,842,976	20,411,825	15,647,194	27,442,669	45,722,488
Wisconsin.....	24,072	93,708	94,387	115,438	529,745	1,835,204	2,764,988	7,328,444	2,093,977	3,861,960	16,499,016
<b>WEST NORTH CENTRAL:</b>											
Minnesota.....	55,752	113,491	1,314,757	1,643,682	3,793,402	19,760,092	36,513,521	37,616,384	21,580,220	49,987,043	88,398,508
Iowa.....	18,998	70,219	421,189	446,128	1,437,743	7,990,286	9,972,944	21,691,928	8,584,948	13,175,430	44,479,372
Missouri.....	50,166	142,800	1,533,531	1,439,448	4,564,990	15,116,509	19,131,037	65,210,462	16,818,409	25,657,898	140,202,501
North Dakota.....	68,689	67,724	9,969,370	8,322,558	9,098,042	95,574,408	123,010,140	61,540,404	97,572,655	150,099,234	147,696,970
South Dakota.....	41,300	49,372	3,539,320	2,864,447	3,891,468	34,044,975	33,669,913	31,086,995	33,536,032	43,223,033	69,323,996
Nebraska.....	54,949	77,792	3,099,967	3,007,217	4,294,156	53,867,855	55,687,684	57,843,598	53,029,850	69,321,632	124,868,735
Kansas.....	88,320	125,842	12,081,021	9,716,922	11,266,664	148,482,695	151,553,396	148,476,729	150,527,327	182,319,203	320,707,580
<b>SOUTH ATLANTIC:</b>											
Delaware.....	4,127	5,312	105,735	96,703	125,740	1,975,161	1,698,484	1,671,687	2,322,411	2,547,102	3,457,447
Maryland.....	19,378	26,277	506,499	484,659	664,295	9,095,169	7,664,391	9,020,526	10,757,043	10,781,689	21,357,568
District of Columbia.....		3		10	18			146		200	197
Virginia.....	69,390	89,472	656,968	599,151	990,560	8,575,461	8,009,276	11,446,027	10,536,682	12,301,796	26,788,702
West Virginia.....	9,999	35,203	104,282	111,319	298,036	1,360,285	1,369,253	3,747,812	1,704,684	2,204,562	8,395,997
North Carolina.....	49,070	89,388	352,634	336,793	620,650	3,623,003	3,688,190	4,744,528	5,017,960	6,329,057	11,861,354
South Carolina.....	14,063	24,433	52,129	52,070	84,621	505,266	525,977	630,911	703,664	911,448	1,634,062
Georgia.....	10,064	35,724	48,020	69,003	140,881	409,472	569,532	1,085,972	592,111	968,397	2,823,527
Florida.....		9		65	26			735		249	1,288
<b>EAST SOUTH CENTRAL:</b>											
Kentucky.....	12,553	59,628	204,131	184,168	839,987	2,483,443	1,875,284	10,375,129	3,018,620	2,667,819	22,929,042
Tennessee.....	21,894	56,896	279,885	267,614	684,497	2,480,846	2,892,296	6,362,357	3,178,701	4,432,798	14,506,174
Alabama.....	277	8,473	1,524	6,070	34,017	15,070	61,055	222,838	18,959	103,319	680,356
Mississippi.....	12	1,026	382	3,240	6,386	6,435	36,249	54,685	7,594	52,569	121,402
<b>WEST SOUTH CENTRAL:</b>											
Arkansas.....	1,048	24,582	16,535	32,702	256,211	153,281	334,854	2,051,405	173,362	469,628	4,266,922
Louisiana.....	5	118	15	886	766	144	5,836	5,788	179	8,464	13,603
Oklahoma.....	38,688	66,953	4,575,558	3,509,372	4,702,280	51,184,128	54,502,175	65,761,843	49,844,440	62,094,225	140,730,350
Texas.....	23,068	62,334	2,969,511	1,311,776	2,414,903	44,077,764	20,881,516	36,427,255	44,159,206	25,126,319	75,404,421
<b>MOUNTAIN:</b>											
Montana.....	29,143	23,136	4,418,558	3,102,879	1,008,531	40,558,049	44,058,012	7,790,647	39,780,889	57,668,832	18,041,156
Idaho.....	23,318	22,620	1,294,575	1,141,295	809,204	28,591,357	13,241,306	17,877,113	28,310,768	17,964,144	36,648,087
Wyoming.....	5,065	4,468	340,323	136,253	181,420	4,298,065	1,661,160	1,445,227	3,766,601	2,111,284	3,121,693
Colorado.....	18,856	23,961	1,538,914	1,306,208	1,328,616	17,332,160	15,342,776	18,260,663	16,713,897	18,353,902	37,616,960
New Mexico.....	6,922	9,032	319,808	207,632	135,185	4,431,748	2,331,586	2,437,213	4,202,467	3,050,481	4,874,426
Arizona.....	960	1,704	15,448	32,162	37,131	348,745	489,900	835,374	448,785	734,853	1,921,358
Utah.....	13,038	14,488	265,699	194,540	268,457	5,809,953	3,236,284	4,100,979	5,419,514	4,073,374	9,022,154
Nevada.....	858	959	13,520	13,862	21,984	355,890	315,938	464,161	465,357	521,298	1,067,550
<b>PACIFIC:</b>											
Washington.....	14,690	19,194	2,295,042	1,746,658	2,494,100	42,588,762	24,764,991	41,837,909	46,504,244	31,624,796	91,206,642
Oregon.....	15,657	20,660	1,075,241	859,541	1,080,051	21,820,667	14,270,348	19,529,765	23,602,620	18,558,735	41,201,480
California.....	5,098	9,961	632,779	358,537	1,086,428	10,957,967	5,129,145	16,866,882	12,830,322	7,796,065	36,938,477

INDIVIDUAL CROPS

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## AGRICULTURE

TABLE 10.—WHEAT—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE OF ALL WHEAT AND OF THE PRINCIPAL TYPES, BY DIVISIONS AND STATES, 1929

DIVISION AND STATE	ALL WHEAT				WINTER WHEAT			
	Farms reporting	Acreage	Production (bushels)	Value	Farms reporting	Acreage	Production (bushels)	Value
United States.....	1,208,368	61,999,908	800,648,955	\$838,506,124	940,721	40,430,355	569,703,585	\$801,979,368
GEOGRAPHIC DIVISIONS:								
New England.....	827	2,744	60,704	92,883	128	400	9,523	13,028
Middle Atlantic.....	114,263	1,279,553	22,329,438	27,091,258	111,667	1,260,330	21,999,393	26,064,832
East North Central.....	317,063	6,074,702	101,177,752	114,992,068	289,590	5,853,559	97,027,010	110,289,250
West North Central.....	378,174	32,559,155	374,839,720	382,249,441	220,226	17,726,360	226,204,227	230,733,084
South Atlantic.....	166,091	1,828,267	25,543,757	31,633,951	165,984	1,824,721	25,514,820	31,598,938
East South Central.....	34,046	485,922	4,985,794	6,223,874	34,611	485,550	4,981,483	6,218,286
West South Central.....	62,799	7,561,619	95,415,317	94,177,187	62,410	7,528,176	94,961,082	93,720,063
Mountain.....	99,060	8,206,884	101,225,987	99,108,270	31,440	3,151,032	44,068,559	43,410,289
Pacific.....	35,445	4,003,062	75,073,396	82,937,186	24,044	2,590,558	54,277,401	59,330,066
NEW ENGLAND:								
Maine.....	554	1,705	30,474	63,705	29	78	1,669	2,464
New Hampshire.....	10	18	376	529				
Vermont.....	170	658	13,248	18,115	22	91	1,376	1,768
Massachusetts.....	38	172	3,625	4,959	30	140	2,704	3,649
Rhode Island.....	4	16	496	720	4	16	496	720
Connecticut.....	51	175	3,575	4,855	43	144	3,278	4,427
MIDDLE ATLANTIC:								
New York.....	24,931	238,874	3,817,048	4,731,535	23,551	230,449	3,081,980	4,554,066
New Jersey.....	4,836	53,579	1,100,937	1,377,105	4,836	53,579	1,100,937	1,377,105
Pennsylvania.....	84,496	987,100	17,410,853	20,952,618	83,280	976,302	17,216,476	20,738,162
EAST NORTH CENTRAL:								
Ohio.....	97,387	1,563,740	30,289,579	35,055,308	96,607	1,547,476	29,062,671	34,073,113
Indiana.....	65,187	1,533,031	25,190,384	28,101,520	64,686	1,517,060	24,895,415	27,766,872
Illinois.....	66,836	2,093,399	30,150,949	34,094,069	69,555	1,978,093	27,998,719	31,688,898
Michigan.....	63,581	790,145	13,711,136	15,647,194	61,875	780,273	13,520,349	15,432,359
Wisconsin.....	24,072	94,387	1,835,704	2,093,977	6,813	29,757	643,856	728,008
WEST NORTH CENTRAL:								
Minnesota.....	55,752	1,314,757	19,700,022	21,580,220	12,378	101,967	3,535,037	3,844,111
Iowa.....	18,998	421,189	7,990,286	8,584,948	15,574	374,150	7,111,032	7,637,513
Missouri.....	50,166	1,533,531	15,116,509	16,818,409	49,835	1,521,933	14,939,720	16,618,631
North Dakota.....	68,689	9,999,370	95,574,408	97,572,655	684	45,836	433,324	439,842
South Dakota.....	41,300	3,539,320	34,044,975	33,536,032	1,533	82,046	1,170,039	1,151,306
Nebraska.....	54,949	3,099,967	53,867,855	53,029,850	52,300	3,505,537	51,115,355	51,050,746
Kansas.....	88,320	12,081,021	148,482,595	150,527,327	87,072	12,034,291	147,967,501	149,991,235
SOUTH ATLANTIC:								
Delaware.....	4,127	105,735	1,975,161	2,322,411	4,107	105,434	1,968,076	2,314,989
Maryland.....	19,378	506,499	9,095,169	10,757,043	19,316	505,356	9,073,635	10,731,066
District of Columbia.....								
Virginia.....	59,390	650,968	8,575,461	10,536,082	59,390	650,968	8,575,461	10,536,082
West Virginia.....	9,999	104,282	1,360,285	1,704,684	9,974	104,180	1,356,067	1,703,070
North Carolina.....	49,070	352,634	3,623,093	5,017,966	49,070	352,634	3,623,093	5,017,966
South Carolina.....	14,063	52,129	505,206	703,654	14,063	52,129	505,206	703,654
Georgia.....	10,064	48,020	409,472	592,111	10,064	48,020	409,472	592,111
Florida.....								
EAST SOUTH CENTRAL:								
Kentucky.....	12,553	204,131	2,483,443	3,018,620	12,547	203,977	2,481,466	3,016,114
Tennessee.....	21,804	279,885	2,480,846	3,178,701	21,775	279,667	2,478,512	3,175,619
Alabama.....	277	1,524	15,070	18,959	277	1,524	15,070	18,959
Mississippi.....	12	382	6,435	7,594	12	382	6,435	7,594
WEST SOUTH CENTRAL:								
Arkansas.....	1,048	16,535	153,281	173,362	1,048	16,467	152,490	172,413
Louisiana.....	5	15	144	179	5	15	144	179
Oklahoma.....	38,688	4,575,558	51,184,128	40,844,440	38,318	4,549,408	50,829,240	40,484,139
Texas.....	23,058	2,969,511	44,077,764	44,159,206	23,048	2,962,286	43,970,208	44,064,232
MOUNTAIN:								
Montana.....	29,143	4,418,588	40,558,040	39,780,889	5,072	624,021	8,005,729	8,403,087
Idaho.....	23,318	1,294,575	28,591,357	28,310,766	7,029	703,239	13,971,744	13,975,013
Wyoming.....	5,965	340,323	4,293,085	3,760,601	1,460	131,818	1,757,824	1,518,413
Colorado.....	18,856	1,538,914	17,332,160	16,713,897	10,380	1,203,514	12,769,652	12,341,623
New Mexico.....	6,922	319,898	4,431,748	4,202,467	2,390	288,150	3,917,953	3,680,758
Arizona.....	960	15,448	348,746	448,785	721	11,727	270,696	348,357
Utah.....	13,038	265,699	5,309,953	5,419,514	3,733	185,319	2,965,757	3,002,999
Nevada.....	858	13,529	355,890	465,357	221	3,844	100,204	140,069
PACIFIC:								
Washington.....	14,690	2,295,042	42,588,762	40,604,244	8,533	1,150,683	26,975,707	28,772,399
Oregon.....	15,657	1,075,241	21,526,667	23,602,020	12,121	926,077	18,521,582	20,335,727
California.....	5,098	632,779	10,957,967	12,830,322	3,990	522,848	8,780,202	10,222,669

# INDIVIDUAL CROPS

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**TABLE 10.—WHEAT—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE OF ALL WHEAT AND OF THE PRINCIPAL TYPES, BY DIVISIONS AND STATES, 1929—Continued**

DIVISION AND STATE	SPRING WHEAT (OTHER THAN DURUM OR MACARONI)				DURUM OR MACARONI WHEAT			
	Farms reporting	Acreage	Production (bushels)	Value	Farms reporting	Acreage	Production (bushels)	Value
United States.....	245,584	15,718,865	173,592,405	\$183,740,593	71,721	5,656,188	57,352,982	\$52,786,167
<b>GEOGRAPHIC DIVISIONS:</b>								
New England.....	716	2,275	51,271	79,855				
Middle Atlantic.....	3,670	19,167	329,402	425,718	8	56	643	708
East North Central.....	27,472	197,462	3,726,672	4,252,337	3,824	23,631	424,070	450,481
West North Central.....	123,115	9,223,851	93,815,238	101,075,530	63,750	5,608,944	54,757,205	50,440,827
South Atlantic.....	120	1,546	28,937	35,013				
East South Central.....	48	372	4,311	5,588				
West South Central.....	788	29,790	397,856	403,792	74	3,653	56,379	52,432
Mountain.....	74,837	4,837,028	54,476,120	53,891,786	4,037	218,224	2,081,308	1,806,201
Pacific.....	14,769	1,401,874	20,762,548	23,570,973	28	1,630	33,367	35,518
<b>NEW ENGLAND:</b>								
Maine.....	534	1,027	37,805	61,241				
New Hampshire.....	10	18	376	529				
Vermont.....	166	567	11,872	16,347				
Massachusetts.....	8	32	921	1,310				
Rhode Island.....								
Connecticut.....	8	31	297	423				
<b>MIDDLE ATLANTIC:</b>								
New York.....	1,747	8,425	135,608	176,970				
New Jersey.....								
Pennsylvania.....	1,923	10,742	193,734	248,748	8	56	643	708
<b>EAST NORTH CENTRAL:</b>								
Ohio.....	1,552	16,264	326,908	382,195				
Indiana.....	830	15,071	294,969	334,648				
Illinois.....	7,761	101,084	1,898,021	2,134,135	928	14,222	254,209	271,036
Michigan.....	1,804	8,943	167,921	196,277	289	929	16,866	18,558
Wisconsin.....	15,625	56,100	1,088,853	1,205,082	2,607	8,530	152,995	160,887
<b>WEST NORTH CENTRAL:</b>								
Minnesota.....	40,400	905,584	12,950,225	14,553,516	9,966	247,206	3,274,230	3,182,591
Iowa.....	3,732	42,738	809,181	880,954	242	4,301	69,123	66,483
Missouri.....	615	11,598	176,780	199,778				
North Dakota.....	49,317	6,072,198	57,885,927	62,633,787	34,482	3,851,336	37,265,157	34,599,326
South Dakota.....	25,167	1,997,948	19,350,849	20,350,367	18,023	1,458,726	13,522,487	12,084,359
Nebraska.....	3,104	147,700	2,121,282	2,024,761	1,029	46,780	631,218	554,843
Kansas.....	780	46,085	521,044	632,367	8	645	3,990	3,725
<b>SOUTH ATLANTIC:</b>								
Delaware.....	20	301	6,185	7,422				
Maryland.....	84	1,143	21,534	25,977				
District of Columbia.....								
Virginia.....								
West Virginia.....	25	102	1,218	1,614				
North Carolina.....								
South Carolina.....								
Georgia.....								
Florida.....								
<b>EAST SOUTH CENTRAL:</b>								
Kentucky.....	19	154	1,977	2,500				
Tennessee.....	29	218	2,334	3,082				
Alabama.....								
Mississippi.....								
<b>WEST SOUTH CENTRAL:</b>								
Arkansas.....	7	68	791	949				
Louisiana.....								
Oklahoma.....	704	26,078	354,008	359,483	2	72	880	818
Texas.....	77	3,644	43,057	43,360	72	3,581	55,469	51,614
<b>MOUNTAIN:</b>								
Montana.....	26,043	3,688,506	30,723,213	30,578,726	1,265	106,061	924,107	799,076
Idaho.....	19,516	590,562	14,608,138	14,325,385	13	774	11,475	10,368
Wyoming.....	4,220	164,883	2,007,970	1,795,172	1,035	53,022	532,291	465,016
Colorado.....	9,881	286,682	4,071,310	3,943,060	1,263	48,718	491,198	428,614
New Mexico.....	4,405	23,734	414,712	431,724	399	7,924	99,083	99,985
Arizona.....	223	3,458	72,617	94,069	20	263	5,432	6,419
Utah.....	10,339	79,658	2,333,144	2,405,463	20	722	11,052	11,052
Nevada.....	670	9,545	240,016	317,647	2	140	6,670	7,671
<b>PACIFIC:</b>								
Washington.....	8,600	1,143,991	15,607,958	17,726,615	13	418	5,097	5,280
Oregon.....	4,960	148,974	3,001,245	3,262,367	12	190	3,840	4,526
California.....	1,199	108,909	2,153,345	2,551,991	3	1,022	24,420	25,762

AGRICULTURE

TABLE 11.—WINTER WHEAT—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929, 1924, AND 1919

DIVISION AND STATE	FARMS REPORTING			ACREAGE			PRODUCTION (BUSHELS)			VALUE		
	1929	1924	1919	1929	1924	1919	1929	1924	1919	1929	1924	1919
<b>United States.....</b>	<b>640,721</b>	<b>1,032,553</b>	<b>1,740,300</b>	<b>40,430,355</b>	<b>34,359,632</b>	<b>49,912,993</b>	<b>569,703,588</b>	<b>553,377,236</b>	<b>741,748,210</b>	<b>\$601,879,365</b>	<b>\$712,422,869</b>	<b>\$1,610,191,898</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	128	352	3,382	469	1,357	9,005	9,523	34,878	167,912	13,028	55,510	391,533
Middle Atlantic.....	111,067	137,313	175,837	1,260,330	1,473,247	1,892,496	21,909,393	24,870,335	32,084,984	20,664,832	36,901,763	74,202,461
East North Central.....	289,596	341,630	513,931	5,853,559	6,504,979	10,217,452	97,027,010	115,712,806	186,559,982	110,289,250	100,715,011	407,738,587
West North Central.....	220,226	220,300	384,941	17,726,360	14,733,875	20,728,634	226,264,227	240,897,375	290,562,077	230,733,084	296,491,984	610,496,976
South Atlantic.....	165,984	167,656	305,046	1,824,721	1,748,708	2,923,046	25,514,820	23,501,078	32,835,549	31,698,938	36,008,790	76,286,708
East South Central.....	34,611	39,165	126,019	485,550	480,263	1,564,649	4,981,483	4,858,952	17,013,677	6,218,286	7,248,201	38,083,996
West South Central.....	62,419	63,957	153,915	7,528,176	4,794,742	7,351,379	94,901,082	75,126,079	104,007,749	93,720,963	87,588,706	219,919,387
Mountain.....	31,446	32,853	40,190	3,151,632	2,463,012	2,317,777	44,668,559	32,459,710	27,823,853	43,410,289	40,768,652	57,518,617
Pacific.....	24,644	23,827	37,039	2,599,558	2,169,349	2,908,555	54,277,491	35,916,528	55,291,827	59,330,095	46,664,102	110,565,239
<b>NEW ENGLAND:</b>												
Maine.....	29	128	759	78	497	3,374	1,669	15,267	63,712	2,464	24,122	149,724
New Hampshire.....		15	290		50	418		1,617	7,349		2,587	16,903
Vermont.....	22	83	959	91	400	1,767	1,376	9,060	30,896	1,768	16,457	69,912
Massachusetts.....	30	31	450	140	172	1,094	2,704	3,214	21,337	3,649	5,142	49,076
Rhode Island.....	4	6	35	16	18	97	496	305	2,183	720	602	5,020
Connecticut.....	43	89	883	144	220	2,255	3,278	4,750	42,935	4,427	7,600	100,898
<b>MIDDLE ATLANTIC:</b>												
New York.....	23,551	32,287	44,688	230,449	300,269	308,661	3,681,980	5,754,875	8,340,231	4,554,565	8,757,254	18,779,028
New Jersey.....	4,836	5,250	8,090	53,579	52,845	84,745	1,100,937	997,084	1,377,155	1,377,105	1,565,424	3,084,827
Pennsylvania.....	53,280	99,776	123,069	976,302	1,111,133	1,409,090	17,216,476	18,118,376	23,261,698	20,733,162	26,579,085	52,338,606
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	96,667	120,222	174,360	1,547,476	1,815,280	2,861,401	20,962,671	33,172,625	57,213,718	34,673,113	47,945,081	126,870,179
Indiana.....	64,686	72,092	121,228	1,517,960	1,601,585	2,759,757	24,895,415	26,350,991	44,799,296	27,766,872	36,629,006	97,207,962
Illinois.....	59,555	65,031	110,849	1,078,093	2,222,821	3,559,239	27,993,710	35,484,594	62,093,378	31,688,898	40,110,346	137,925,428
Michigan.....	61,875	68,858	87,217	760,273	789,672	947,342	13,528,349	18,775,355	19,232,161	15,432,359	27,341,727	43,080,044
Wisconsin.....	6,813	15,427	20,277	29,757	75,621	89,713	643,856	1,928,741	1,624,429	728,008	2,688,301	3,654,974
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	12,378	10,263	7,329	161,967	140,893	108,451	3,535,637	3,850,487	1,364,932	3,844,113	5,024,692	3,207,594
Iowa.....	15,574	19,537	43,197	374,150	420,499	911,434	7,111,932	9,637,543	16,696,404	7,637,511	12,605,733	34,394,716
Missouri.....	49,855	50,216	141,974	1,521,933	1,455,127	4,552,911	14,939,729	19,075,620	65,149,967	16,618,631	25,591,399	140,072,434
North Dakota.....	634	1,107	435	45,836	84,876	28,613	433,324	1,270,092	160,500	439,542	1,633,302	886,200
South Dakota.....	1,533	2,860	2,617	82,646	105,170	125,747	1,170,639	1,687,737	1,168,404	1,151,306	2,104,504	2,605,541
Nebraska.....	52,300	52,487	64,561	3,505,537	2,839,087	3,768,840	51,115,355	54,009,691	53,751,067	51,050,746	67,321,979	115,566,088
Kansas.....	57,972	89,830	124,828	12,034,291	9,708,223	11,242,638	147,957,561	151,460,305	148,270,743	140,991,235	182,210,255	320,264,808
<b>SOUTH ATLANTIC:</b>												
Delaware.....	4,107	3,979	5,312	105,434	96,401	125,740	1,968,976	1,692,283	1,571,567	2,314,959	2,538,425	3,457,447
Maryland.....	10,316	20,018	26,046	565,356	484,659	663,864	9,073,635	7,664,394	9,615,939	10,731,066	10,761,680	21,847,385
District of Columbia.....		1	3		10	18		146	200		197	449
Virginia.....	59,390	57,284	89,416	656,968	599,151	990,218	8,575,401	8,009,276	11,444,773	10,539,032	12,301,796	26,780,788
West Virginia.....	9,974	10,572	34,782	104,180	110,559	297,555	1,350,067	1,360,545	3,743,382	1,703,070	2,191,493	8,385,174
North Carolina.....	49,070	47,810	83,375	352,634	336,793	620,389	3,623,093	3,688,190	4,748,272	5,017,966	6,329,067	11,858,209
South Carolina.....	14,063	13,979	24,433	52,129	52,070	84,621	605,206	525,977	630,911	703,054	911,443	1,034,062
Georgia.....	10,064	14,907	35,070	48,020	69,063	140,615	409,472	559,532	1,085,256	592,111	968,397	2,821,064
Florida.....		6	9		65	26		735	249		1,288	548
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	12,547	13,051	59,628	203,977	183,339	339,804	2,481,466	1,869,352	10,374,266	3,016,114	2,659,515	22,927,202
Tennessee.....	21,775	24,959	56,894	279,667	287,614	684,442	2,478,512	2,892,296	6,361,858	3,175,619	4,432,798	14,505,039
Alabama.....	277	810	8,473	1,524	6,070	34,017	15,070	61,055	222,838	18,959	103,319	530,866
Mississippi.....	12	345	1,020	382	3,240	6,386	6,435	36,249	54,685	7,594	52,569	121,402
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	1,048	2,981	24,682	16,467	32,702	256,211	152,490	334,854	2,051,405	172,413	459,628	4,266,922
Louisiana.....	5	117	118	15	886	760	144	5,836	5,788	179	8,404	13,603
Oklahoma.....	38,318	43,470	66,881	4,549,408	3,498,326	4,698,622	50,829,240	54,239,674	65,731,450	49,484,139	62,892,346	140,066,307
Texas.....	23,048	17,389	62,334	2,962,286	1,272,828	2,395,780	43,979,208	20,545,715	36,219,106	44,004,232	24,723,368	74,973,555
<b>MOUNTAIN:</b>												
Montana.....	5,672	7,492	8,404	624,021	609,088	538,070	8,905,720	9,729,711	2,794,857	8,403,087	11,852,101	6,679,706
Idaho.....	7,029	5,948	7,537	703,239	414,579	437,561	13,071,744	6,225,022	6,208,721	18,976,013	8,423,836	12,727,881
Wyoming.....	1,460	821	828	131,818	25,850	34,468	1,757,824	348,749	204,301	1,518,413	435,878	441,419
Colorado.....	10,880	11,608	14,400	1,263,514	1,086,064	1,031,576	12,769,652	12,059,501	13,674,834	12,341,623	14,366,333	23,170,155
New Mexico.....	2,230	2,061	3,269	288,150	167,371	91,992	3,917,953	1,898,851	1,749,952	3,680,753	2,496,927	3,459,904
Arizona.....	721	623	1,272	11,727	28,831	31,076	207,690	431,429	722,046	348,367	647,146	1,069,794
Utah.....	3,733	3,568	4,264	185,319	126,970	149,552	2,965,757	1,691,917	1,906,416	3,002,999	2,415,041	4,180,915
Nevada.....	221	232	216	3,544	8,068	3,482	109,204	73,570	68,066	140,039	121,390	157,633
<b>PACIFIC:</b>												
Washington.....	8,583	9,145	12,571	1,150,633	1,114,870	1,166,584	26,975,707	19,028,538	24,579,955	28,772,399	23,784,318	53,594,302
Oregon.....	12,121	12,470	16,109	926,077	764,249	817,418	18,521,852	12,839,673	16,100,845	20,335,727	16,596,938	33,972,786
California.....	3,990	2,212	8,359	522,848	280,230	924,553	8,780,292	4,048,317	14,611,027	10,222,569	6,282,906	31,995,161

# INDIVIDUAL CROPS

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**TABLE 12.—ALL SPRING WHEAT—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929, 1924, AND 1919**

DIVISION AND STATE	FARMS REPORTING				ACREAGE			PRODUCTION (BUSHELS)			VALUE		
	1929		1924	1919	1929	1924	1919	1929	1924	1919	1929	1924	1919
	Durum or macaroni	Other spring wheat											
United States.....	71,721	245,584	287,939	568,811	21,569,553	16,502,698	23,186,428	230,945,367	247,499,428	203,655,005	\$236,526,759	\$325,204,236	\$463,898,903
<b>GEOGRAPHIC DIVISIONS:</b>													
New England.....		716	1,300	10,440	2,275	4,051	22,859	51,271	83,806	376,874	79,555	156,955	877,043
Middle Atlantic.....	8	3,670	2,026	20,823	19,223	7,674	80,813	330,645	140,880	983,531	426,426	217,764	2,212,950
East North Central.....	8,824	27,472	16,060	147,061	221,143	77,448	1,193,264	4,150,742	1,559,151	16,403,417	4,702,818	2,159,197	36,407,561
West North Central.....	63,750	123,115	105,462	291,110	14,832,795	12,206,527	17,617,831	148,572,453	188,641,269	136,802,823	151,516,357	246,291,484	318,676,287
South Atlantic.....		129	183	441	1,546	1,065	1,716	28,937	14,906	12,243	35,013	21,740	28,048
East South Central.....		48	87	42	372	829	238	4,311	5,932	1,332	5,588	8,304	2,978
West South Central.....	74	788	1,213	785	33,443	59,694	22,781	454,235	598,302	238,542	456,224	704,840	495,909
Mountain.....	4,037	74,887	70,172	78,760	5,055,252	3,339,728	2,494,842	56,557,428	48,207,221	25,896,514	55,697,987	64,328,516	55,394,767
Pacific.....	28	14,769	11,346	22,349	1,403,504	805,382	1,752,084	20,795,905	8,247,956	22,939,729	23,606,491	11,315,484	49,791,860
<b>NEW ENGLAND:</b>													
Maine.....		534	997	4,391	1,627	3,009	11,000	37,805	63,440	197,473	61,241	123,708	464,061
New Hampshire.....		10	17	623	18	22	948	376	539	14,619	529	862	33,623
Vermont.....		156	335	4,869	567	907	9,509	11,872	17,786	145,607	16,247	28,812	334,896
Massachusetts.....		8	14	289	32	43	782	921	814	11,916	1,310	1,425	27,468
Rhode Island.....				5			9			92			212
Connecticut.....		8	27	286	31	70	521	297	1,227	7,167	428	2,148	16,843
<b>MIDDLE ATLANTIC:</b>													
New York.....		1,747	1,421	16,836	8,425	4,523	64,800	135,668	86,518	790,037	176,970	136,656	1,777,593
New Jersey.....			67	37		466	152		5,739	1,114		8,151	2,497
Pennsylvania.....	8	1,923	538	4,400	10,798	2,685	15,861	194,377	48,623	192,380	249,456	72,947	432,860
<b>EAST NORTH CENTRAL:</b>													
Ohio.....		1,552	371	7,150	16,264	3,242	61,191	326,908	60,796	910,633	382,195	88,163	2,003,395
Indiana.....		830	215	2,909	15,071	3,532	33,900	294,969	56,640	411,566	334,648	79,295	893,094
Illinois.....	928	7,761	4,069	32,728	115,306	27,564	543,796	2,152,230	548,049	8,197,539	2,405,171	717,108	18,034,586
Michigan.....	289	1,804	1,192	21,759	9,872	3,293	109,345	184,787	67,621	1,179,664	214,835	100,972	2,642,444
Wisconsin.....	2,607	15,525	10,213	82,516	64,630	39,817	440,632	1,191,848	826,045	5,704,015	1,366,969	1,173,659	12,834,042
<b>WEST NORTH CENTRAL:</b>													
Minnesota.....	9,066	40,400	61,820	113,461	1,152,790	1,502,789	3,684,951	16,224,455	32,663,034	36,251,452	17,736,107	44,962,351	85,190,914
Iowa.....	242	3,732	2,549	38,145	47,039	25,629	526,309	878,304	435,401	4,895,464	947,437	509,697	10,084,657
Missouri.....		615	300	836	11,598	4,321	12,079	176,780	55,417	60,499	199,778	66,499	130,067
North Dakota.....	34,422	49,317	66,014	69,444	9,923,634	8,237,682	9,069,429	95,141,084	121,734,057	61,379,904	97,133,119	157,465,842	147,311,770
South Dakota.....	18,023	25,167	30,885	48,422	3,456,674	2,259,277	3,765,721	32,874,336	31,982,176	29,918,591	32,384,726	41,118,529	66,718,455
Nebraska.....	1,029	3,104	3,681	20,140	194,430	168,130	535,316	2,752,500	1,678,093	4,091,931	2,879,104	1,999,653	8,797,652
Kansas.....	8	780	153	692	46,730	8,699	24,026	525,034	93,091	204,966	536,092	108,918	442,772
<b>SOUTH ATLANTIC:</b>													
Delaware.....		20	21		301	302		6,185	6,198		7,422	8,677	
Maryland.....		84		108	1,143		431	21,534		4,587	25,977		10,188
Dist. of Columbia.....													
Virginia.....				59			288			1,254			2,934
West Virginia.....		25	162	135	102	763	481	1,218	8,708	4,430	1,614	13,069	9,923
North Carolina.....				72			270			1,256			3,145
South Carolina.....													
Georgia.....				67			246			716			1,863
Florida.....													
<b>EAST SOUTH CENTRAL:</b>													
Kentucky.....		19	87	31	154	829	183	1,977	5,932	833	2,506	8,304	1,840
Tennessee.....		29		11	218		55	2,334		499	3,082		1,133
Alabama.....													
Mississippi.....													
<b>WEST SOUTH CENTRAL:</b>													
Arkansas.....		7			68			791			949		
Louisiana.....													
Oklahoma.....	2	704	593	102	26,150	21,046	3,658	354,888	262,501	30,399	360,301	301,879	65,043
Texas.....	72	77	620	683	7,225	38,948	19,123	98,556	335,801	208,149	94,974	402,961	430,868
<b>MOUNTAIN:</b>													
Montana.....	1,285	26,043	28,066	17,295	3,794,567	2,493,191	1,160,461	31,652,320	34,328,301	5,004,790	31,377,602	45,816,731	11,961,460
Idaho.....	13	19,516	14,446	19,771	591,836	394,625	703,734	14,619,613	7,015,884	11,668,392	14,335,753	9,540,308	23,920,206
Wyoming.....	1,035	4,220	3,955	4,248	208,505	110,397	146,952	1,302,401	1,240,806	2,248,185	2,248,185	2,680,274	
Colorado.....	1,263	9,381	9,145	12,706	335,400	220,154	297,040	4,562,508	3,283,214	4,585,829	4,872,274	3,987,599	9,446,895
New Mexico.....	399	4,495	4,403	6,628	31,658	40,261	43,193	513,795	432,735	687,261	621,709	562,554	1,374,622
Arizona.....	20	223	235	501	3,721	3,331	6,055	78,049	58,471	113,328	100,428	87,707	260,654
Utah.....	20	10,339	9,370	11,758	80,380	67,570	118,906	2,344,196	1,544,347	2,200,563	2,410,515	2,258,333	4,841,289
Nevada.....	2	670	552	793	9,655	10,199	18,502	246,686	242,368	395,485	325,318	399,908	909,617
<b>PACIFIC:</b>													
Washington.....	13	8,600	6,485	12,565	1,144,409	631,783	1,327,576	15,613,055	5,736,453	17,257,954	17,731,845	7,840,478	37,622,340
Oregon.....	12	4,960	4,196	7,896	149,164	95,292	262,633	3,005,085	1,430,675	3,425,920	3,266,693	1,961,797	7,228,694
California.....	8	1,199	665	1,888	109,931	78,307	161,675	2,177,705	1,080,828	2,255,856	2,607,753	1,513,159	4,940,326

## AGRICULTURE

TABLE 13.—WHEAT—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1899 TO 1929

DIVISION AND STATE	ACREAGE					PRODUCTION (BUSHELS)				
	1929	1924	1919	1916	1899	1929	1924	1919	1909	1899
United States.....	61,999,908	50,862,230	73,093,421	44,262,592	52,588,574	800,648,855	800,876,659	945,403,215	688,379,259	658,584,828
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	2,744	5,408	31,864	4,893	0,237	60,704	118,079	544,786	114,008	166,126
Middle Atlantic.....	1,279,553	1,480,921	1,973,309	1,598,325	2,204,350	22,329,438	25,011,215	33,008,515	29,717,833	32,947,948
East North Central.....	6,074,702	6,582,427	11,410,716	7,088,364	10,410,893	101,177,752	117,271,457	201,963,399	121,097,675	134,698,890
West North Central.....	32,559,155	26,940,402	38,346,465	25,863,556	25,055,308	374,836,720	429,538,644	428,305,500	384,092,121	306,002,028
South Atlantic.....	1,826,267	1,749,773	2,924,762	2,241,345	3,368,872	25,543,757	23,515,984	32,847,702	26,050,768	31,902,887
East South Central.....	485,922	481,092	1,564,887	1,315,243	2,987,483	4,985,794	4,864,884	17,015,000	15,374,422	26,864,542
West South Central.....	7,561,619	4,854,736	7,374,160	1,556,087	2,934,687	95,415,317	75,724,381	104,246,291	17,096,127	85,046,935
Mountain.....	8,206,884	5,802,740	4,812,619	1,285,360	942,858	101,225,987	80,666,931	53,220,307	29,664,908	18,084,360
Pacific.....	4,003,062	2,964,731	4,660,639	3,359,419	4,644,886	75,073,396	44,164,484	78,231,550	59,580,347	72,230,570
<b>NEW ENGLAND:</b>										
Maine.....	1,705	3,506	14,464	3,407	6,667	30,474	78,707	261,185	85,110	116,720
New Hampshire.....	18	72	1,366	70	271	876	2,150	21,968	1,311	4,035
Vermont.....	658	1,307	11,276	678	1,796	13,248	27,446	176,003	14,037	34,650
Massachusetts.....	172	215	1,876	109	95	3,625	4,028	33,253	2,404	1,750
Rhode Island.....	16	18	106	13	15	496	365	2,275	208	310
Connecticut.....	175	290	2,776	616	393	3,575	5,977	50,102	11,899	8,000
<b>MIDDLE ATLANTIC:</b>										
New York.....	238,874	313,792	463,461	289,130	557,736	3,817,648	5,841,393	9,136,268	6,664,121	10,412,075
New Jersey.....	53,579	53,311	84,897	83,637	132,571	1,100,937	1,002,823	1,378,269	1,489,233	1,902,590
Pennsylvania.....	957,100	1,113,818	1,424,951	1,225,558	1,514,043	17,410,853	18,106,999	23,453,978	21,504,479	20,632,680
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	1,563,740	1,818,522	2,922,592	1,827,932	3,209,074	30,289,579	33,233,421	58,124,351	30,663,704	50,376,800
Indiana.....	1,533,031	1,605,117	2,798,657	2,082,835	2,893,293	25,190,384	26,407,631	45,207,862	33,935,972	34,986,280
Illinois.....	2,093,399	2,250,385	4,103,035	2,185,091	1,826,143	30,150,940	36,032,643	70,890,917	37,830,732	19,765,500
Michigan.....	790,145	792,965	1,056,687	802,137	1,925,769	13,711,136	18,842,970	20,411,825	16,025,791	20,535,140
Wisconsin.....	94,387	115,438	529,745	140,369	556,614	1,835,704	2,754,786	7,328,444	2,641,470	9,006,170
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	1,314,757	1,643,682	3,793,402	3,276,911	6,560,707	19,760,092	30,513,521	37,016,384	57,094,412	95,278,060
Iowa.....	421,189	446,128	1,437,743	526,777	1,689,705	7,990,286	9,972,944	21,591,928	8,055,944	22,769,440
Missouri.....	1,533,531	1,439,448	4,504,990	2,017,128	2,066,219	15,116,509	10,131,037	65,210,462	29,837,420	23,072,768
North Dakota.....	9,999,370	8,322,558	9,098,042	8,188,782	4,451,251	95,574,408	123,010,149	61,540,404	116,781,886	59,888,810
South Dakota.....	3,539,320	2,364,447	3,891,468	3,217,255	3,984,659	34,044,975	33,009,913	31,086,995	47,059,590	41,889,880
Nebraska.....	3,699,907	3,007,217	4,294,156	2,662,918	2,538,949	53,807,855	55,687,684	57,843,698	47,685,745	24,924,520
Kansas.....	12,081,021	9,716,922	11,266,664	5,973,765	3,803,818	148,482,695	151,553,398	148,476,729	77,677,115	38,778,450
<b>SOUTH ATLANTIC:</b>										
Delaware.....	105,735	96,703	125,740	111,215	118,740	1,975,161	1,068,481	1,571,607	1,643,572	1,870,570
Maryland.....	506,499	484,659	664,295	589,893	634,446	9,095,109	7,664,394	9,620,526	9,403,457	9,871,800
District of Columbia.....		10	18		17		146	200		410
Virginia.....	656,998	599,151	990,506	602,907	927,266	8,575,461	8,009,276	11,446,027	8,070,980	8,907,510
West Virginia.....	104,282	111,319	298,036	209,215	447,928	1,360,285	1,369,253	3,747,812	2,675,990	4,326,160
North Carolina.....	352,634	336,793	620,659	501,912	746,984	3,623,003	3,688,190	4,744,528	3,827,145	4,342,351
South Carolina.....	52,129	52,070	84,621	43,028	174,245	505,206	525,977	680,911	310,614	1,017,319
Georgia.....	48,020	69,003	140,861	93,065	319,161	409,472	559,932	1,085,972	752,858	1,705,947
Florida.....		65	26		85		735	249		800
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	204,131	184,108	839,987	681,323	1,431,027	2,483,443	1,875,284	10,375,129	8,739,260	14,264,600
Tennessee.....	279,885	287,614	684,497	619,801	1,426,112	2,480,846	2,892,296	6,362,357	6,510,639	11,924,010
Alabama.....	1,524	6,070	34,017	13,665	123,897	15,070	61,055	222,838	113,953	628,775
Mississippi.....	382	3,240	6,386	394	6,447	6,435	36,249	54,685	4,670	37,287
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	16,535	32,702	256,211	60,426	379,453	153,281	334,854	2,051,405	526,414	2,449,970
Louisiana.....	15	856	766	65	214	144	5,836	5,788	488	2,345
Oklahoma.....	4,575,558	3,599,372	4,702,280	1,169,420	1,527,073	51,184,128	54,602,175	65,761,843	14,008,334	20,328,300
Texas.....	2,969,511	1,311,776	2,414,903	326,176	1,027,947	44,077,764	20,881,516	36,427,255	2,560,891	12,266,320
<b>MOUNTAIN:</b>										
Montana.....	4,418,588	3,102,879	1,698,531	258,377	92,132	40,558,049	44,058,012	7,799,647	6,251,945	1,899,683
Idaho.....	1,294,575	809,204	1,141,295	399,234	260,305	28,591,357	13,241,306	17,877,113	10,237,609	5,340,180
Wyoming.....	340,323	136,253	181,420	41,968	19,410	4,298,085	1,651,150	1,445,227	738,698	348,890
Colorado.....	1,538,914	1,306,208	1,328,616	340,729	294,949	17,332,160	15,342,775	18,260,663	7,224,057	5,587,770
New Mexico.....	319,808	207,632	135,185	32,341	37,907	4,431,748	2,331,580	2,437,213	499,790	603,303
Arizona.....	15,448	32,162	37,181	20,028	24,377	348,745	489,900	835,374	362,875	440,282
Utah.....	265,699	194,540	268,457	178,423	189,235	5,300,953	3,236,264	4,100,979	3,943,010	3,413,470
Nevada.....	13,529	13,862	21,984	14,260	18,537	355,890	315,908	464,151	390,675	460,812
<b>PACIFIC:</b>										
Washington.....	2,295,042	1,746,653	2,494,160	2,118,015	1,068,102	42,588,702	24,704,991	41,837,909	40,920,390	21,187,627
Oregon.....	1,075,241	859,541	1,080,051	763,187	873,879	21,526,667	14,270,348	10,628,765	12,456,751	14,608,630
California.....	632,779	358,537	1,066,428	478,217	2,683,405	10,957,967	5,129,145	16,866,882	6,203,206	26,634,407



INDIVIDUAL CROPS

TABLE 14.—WHEAT—PER CENT DISTRIBUTION OF ACREAGE AND OF PRODUCTION, AND AVERAGE YIELD PER ACRE, BY DIVISIONS AND STATES: 1879 TO 1929

DIVISION AND STATE	PER CENT OF UNITED STATES ACREAGE							PER CENT OF UNITED STATES PRODUCTION							AVERAGE YIELD PER ACRE (BUSELS)							
	1929	1924	1919	1909	1889	1879		1929	1924	1919	1909	1889	1879		1929	1924	1919	1909	1889	1879		
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	12.9	15.7	12.9	15.4	12.3	13.9	13.0	
<b>GEOGRAPHIC DIVISIONS:</b>																						
New England.....	(1)	0.01	0.04	0.01	0.02	0.04	0.22	0.01	0.01	0.06	0.02	0.03	0.06	0.27	22.2	21.9	17.1	23.5	18.0	19.1	15.5	
Middle Atlantic.....	2.06	2.91	2.70	3.61	4.19	5.67	6.58	2.79	3.12	3.59	4.33	5.00	6.77	7.17	17.5	16.9	17.2	18.6	14.9	16.7	14.1	
East North Central.....	9.80	12.94	16.61	15.90	19.80	27.77	34.34	12.64	14.64	21.36	17.72	20.45	31.33	44.58	19.7	17.8	17.7	17.2	12.9	15.7	16.8	
West North Central.....	52.51	52.97	52.46	53.43	47.70	39.48	33.21	46.82	53.63	44.78	56.20	46.56	37.27	27.14	11.5	15.9	11.6	14.8	12.2	13.2	10.6	
South Atlantic.....	2.95	3.44	4.00	5.06	6.41	7.95	9.16	3.19	2.94	3.47	3.96	4.84	5.85	6.21	14.0	13.4	11.2	11.0	9.5	10.3	8.8	
East South Central.....	0.78	0.95	2.14	2.97	5.65	5.41	7.52	0.62	0.61	1.80	2.25	4.08	4.11	4.45	10.2	10.1	10.9	11.7	9.0	10.1	7.7	
West South Central.....	12.20	9.54	10.09	3.52	5.58	1.47	1.83	11.92	9.46	11.63	2.50	5.32	1.13	0.84	12.6	15.6	14.1	11.0	11.9	10.6	6.6	
Mountain.....	13.24	11.41	6.58	2.90	1.79	0.98	0.68	12.64	10.97	5.63	4.34	2.75	1.41	0.98	12.3	13.9	11.1	23.1	19.2	20.6	18.8	
Pacific.....	6.46	5.83	6.38	7.59	8.83	11.22	6.66	9.38	5.51	8.27	8.72	10.97	12.07	8.36	18.8	14.9	16.8	17.7	15.0	15.0	16.3	
<b>NEW ENGLAND:</b>																						
Maine.....	(1)	0.01	0.02	0.01	0.01	0.01	0.12	(1)	0.01	0.03	0.01	0.02	0.02	0.14	23.2	22.4	18.1	25.0	17.5	19.4	15.2	
New Hampshire.....	(1)	(1)	(1)	(1)	(1)	0.01	0.03	(1)	(1)	(1)	(1)	0.01	0.04	0.07	20.9	29.9	16.1	18.7	14.9	17.4	15.1	
Vermont.....	(1)	(1)	0.02	(1)	(1)	0.03	0.06	(1)	(1)	0.02	(1)	0.01	0.04	0.07	20.1	21.0	15.6	20.8	19.3	19.1	16.3	
Massachusetts.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	21.1	18.7	17.7	22.1	18.4	16.2	16.4	
Rhode Island.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	31.0	20.3	21.5	16.0	20.7	8.3	14.1	
Connecticut.....	(1)	(1)	(1)	(1)	(1)	(1)	0.01	(1)	(1)	0.01	(1)	(1)	0.01	(1)	20.4	20.6	18.0	19.3	22.0	16.9	17.6	
<b>MIDDLE ATLANTIC:</b>																						
New York.....	0.39	0.62	0.63	0.65	1.06	1.38	2.08	0.48	0.73	0.97	0.98	1.58	1.77	2.52	16.0	18.6	19.7	23.0	18.7	18.0	15.7	
New Jersey.....	0.09	0.10	0.12	0.19	0.25	0.36	0.42	0.14	0.13	0.15	0.22	0.29	0.39	0.41	20.5	18.8	19.2	17.8	14.4	15.0	12.7	
Pennsylvania.....	1.59	2.19	1.95	2.77	2.88	3.93	4.08	2.17	2.27	2.48	3.16	3.13	4.61	4.24	17.0	16.3	16.5	17.0	13.6	16.4	13.5	
<b>EAST NORTH CENTRAL:</b>																						
Ohio.....	2.52	3.58	4.00	4.13	6.10	6.76	7.21	3.78	4.16	6.15	4.49	7.65	7.59	10.01	19.4	18.3	19.9	16.8	15.7	15.7	18.0	
Indiana.....	2.47	3.16	3.83	4.71	5.50	7.65	7.39	3.15	3.80	4.78	5.97	5.31	7.97	10.29	16.4	16.5	16.2	16.3	12.1	14.5	18.0	
Illinois.....	3.38	4.42	5.61	4.94	3.47	6.07	9.08	3.77	4.50	7.50	4.94	3.61	7.98	11.12	14.4	16.6	17.3	17.3	10.8	13.7	15.9	
Michigan.....	1.27	1.56	1.45	1.81	3.66	4.47	5.14	1.71	2.35	2.16	2.35	3.12	5.29	7.73	17.4	23.8	19.3	20.0	10.7	16.5	19.5	
Wisconsin.....	0.16	0.23	0.72	0.32	1.26	2.22	5.50	0.23	0.34	0.78	0.39	1.37	2.50	5.42	19.4	23.9	13.8	18.8	16.2	15.7	12.8	
<b>WEST NORTH CENTRAL:</b>																						
Minnesota.....	2.12	3.23	5.19	7.40	12.46	10.04	8.59	2.47	4.56	3.98	8.35	14.47	11.17	7.53	15.0	22.2	9.9	17.4	14.5	15.5	11.4	
Iowa.....	0.68	0.88	1.97	1.19	3.21	1.74	8.61	1.00	1.25	2.28	1.18	3.46	1.76	6.78	19.0	22.4	15.0	15.3	13.5	14.1	10.2	
Missouri.....	2.47	2.83	6.24	4.58	3.91	5.80	5.85	1.89	2.36	6.90	4.37	3.50	6.43	5.43	9.9	13.3	14.3	14.8	11.2	15.5	12.0	
North Dakota <sup>1</sup> .....	16.08	16.36	12.45	18.50	8.46	8.07	0.24	11.94	15.36	6.51	17.09	9.09	5.64	0.38	9.6	14.8	6.8	14.3	13.5	9.7	20.5	
South Dakota <sup>1</sup> .....	5.71	4.65	5.32	7.27	7.58	6.73	0.51	4.25	4.20	3.29	6.89	6.36	3.53	0.24	9.6	14.2	8.0	14.6	10.5	7.3	6.1	
Nebraska.....	5.97	5.91	5.87	6.02	4.83	2.38	4.15	6.73	6.95	6.12	6.98	3.78	2.26	3.01	14.6	18.5	13.5	17.9	9.8	13.2	9.4	
Kansas.....	19.49	19.10	15.41	13.50	7.23	4.71	5.25	18.55	18.92	15.71	11.35	5.89	6.49	3.77	12.3	15.6	13.2	13.0	10.2	19.2	9.3	
<b>SOUTH ATLANTIC:</b>																						
Delaware.....	0.17	0.19	0.17	0.25	0.23	0.28	0.25	0.25	0.21	0.17	0.24	0.28	0.32	0.26	18.7	17.6	12.5	14.8	15.8	15.9	13.4	
Maryland.....	0.82	0.95	0.91	1.33	1.21	1.52	1.61	1.14	0.96	1.02	1.38	1.47	1.78	1.74	18.0	15.8	14.5	16.0	15.2	16.3	14.1	
District of Columbia.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	14.6	11.1	---	---	24.1	20.0	22.5	
Virginia.....	1.06	1.18	1.36	1.57	1.70	2.20	2.54	1.07	1.00	1.21	1.18	1.35	1.69	1.70	13.1	13.4	11.6	11.7	9.6	10.7	8.7	
West Virginia.....	0.17	0.22	0.41	0.47	0.85	1.04	1.11	0.17	0.17	0.40	0.66	0.78	0.87	1.03	12.3	12.6	12.3	12.6	12.3	9.7	10.4	10.2
North Carolina.....	0.57	0.66	0.85	1.13	1.42	1.98	1.83	0.45	0.46	0.50	0.56	0.66	0.92	0.74	10.3	11.0	7.6	7.6	5.8	6.4	5.3	
South Carolina.....	0.08	0.10	0.12	0.10	0.33	0.34	0.48	0.06	0.07	0.07	0.05	0.15	0.14	0.21	9.7	10.1	7.5	7.2	5.8	5.7	5.6	
Georgia.....	0.08	0.14	0.19	0.21	0.61	0.59	1.34	0.05	0.07	0.11	0.11	0.27	0.23	0.69	8.5	8.1	7.7	8.1	5.5	5.6	6.0	
Florida.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	11.3	9.6	13.7	9.4	9.1	5.2		
<b>EAST SOUTH CENTRAL:</b>																						
Kentucky.....	0.33	0.36	1.15	1.54	2.72	2.68	3.27	0.31	0.23	1.10	1.28	2.17	2.29	2.47	12.2	10.2	12.4	12.8	10.0	11.9	9.8	
Tennessee.....	0.45	0.57	0.94	1.40	2.71	2.61	3.38	0.31	0.36	0.67	0.95	1.81	1.77	1.60	8.9	10.1	9.3	10.5	8.4	9.5	6.1	
Alabama.....	(1)	0.01	0.05	0.03	0.24	0.12	0.75	(1)	0.01	0.02	0.02	0.10	0.04	0.33	9.9	10.1	6.6	8.8	5.1	5.3	5.8	
Mississippi.....	(1)	0.01	0.01	(1)	0.01	0.01	0.12	(1)	(1)	0.01	(1)	0.01	(1)	0.05	16.8	11.2	8.6	11.9	5.8	6.6	5.0	
<b>WEST SOUTH CENTRAL:</b>																						
Arkansas.....	0.03	0.06	0.35	0.14	0.72	0.42	0.58	0.02	0.04	0.22	0.08	0.37	0.20	0.28	9.3	10.2	8.0	8.7	6.5	6.8	6.2	
Louisiana.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	9.6	6.6	7.6	7.5	11.0	6.3	3.4	
Oklahoma <sup>1</sup> .....	7.38	6.90	6.43	2.64	2.90	0.01	---	6.39	6.81	6.96	2.05	3.09	0.01	---	11.2	15.5	14.0	12.0	13.3	15.1	---	
Texas.....	4.79	2.58	3.30	0.74	1.95	1.05	1.05	5.61	2.61	3.85	0.37	1.86	0.91	0.56	14.8	15.9	15.1	7.9	11.6	12.2	6.9	
<b>MOUNTAIN:</b>																						
Montana.....	7.13	6.10	2.32	0.58	0.18	0.06	0.05	5.07	5.50	0.83	0.91	0.29	0.10	0.10	9.2	14.2	4.6	24.2	20.6	24.5	26.6	
Idaho.....	2.09	1.59	1.56	0.90	0.51	0.19	0.06	3.57	1.65	1.89	1.50	0.81	0.25	0.12	22.1	16.4	15.7	25.0	20.1	18.5	24.5	
Wyoming.....	0.55	0.27	0.25	0.09	0.04	0.01	(1)	0.54	0.21	0.15	0.11	0.05	0.02	(1)	12.6	12.1	8.0	17.6	18.0	16.2	19.4	
Colorado.....	2.48	2.57	1.82	0.77	0.56	0.38	0.18	2.16	1.92	1.93	1.06	0.85	0.61	0.31	11.3	11.7	13.7	21.2	18.9	22.4	22.0	
New Mexico.....	0.52	0.41	0.18	0.07	0.07	0.07	0.14	0.55	0.29	0.26	0.07	0.09	0.07	0.15	13.9	11.2	18.0	15.5	15.9	15.7	13.8	
Arizona.....	0.02	0.06	0.05	0.05	0.05	0.02	0.03	0.04	0.06	0.09	0.05	0.07	0.02	0.03	22.6	15.2	22.5	18.1	15.1	16.1	15.1	
Utah.....	0.43	0.38	0.37	0.40	0.36	0.25	0.20	0.6														



## AGRICULTURE

Oats.—There were two inquiries on the 1930 and 1925 general farm schedules relating to oats. One of these inquiries called for the acreage and production of oats cut for grain and threshed. The other inquiry asked 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 inquiry relating to small grains cut for hay. Prior to 1925, the general farm schedules contained only one specific inquiry on oats. This inquiry called for the acreage and production of oats. At the censuses prior to 1925, the acreage of oats cut and fed unthreshed appears to have been included partly with oats (threshed) and partly with grains cut for hay, some possibly omitted.

PRODUCTION OF OATS THRESHED, 15 LEADING STATES:  
1929 AND 1919

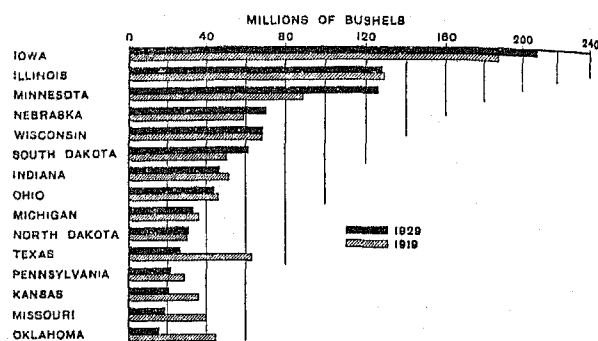


TABLE 15.—OATS THRESHED<sup>1</sup>—SUMMARY FOR THE UNITED STATES: 1849 TO 1929

[Statistics for divisions and States in Tables 16, 17, and 18]

ITEM	1929	1924	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting.....	1,518,893		2,238,102	2,174,006	2,114,659					
Per cent of all farms.....	24.2		34.7	34.2	36.9					
Acreage.....	33,466,025	37,650,155	37,991,002	35,159,441	20,539,608	28,320,677	16,144,593			
Increase over preceding census <sup>2</sup>	-4,184,130	-340,847	2,831,561	5,619,743	1,219,021	12,176,084				
Per cent of increase <sup>2</sup>	-11.1	-0.9	8.1	19.0	4.3	75.4				
Average per farm reporting.....	22.0		17.0	16.2	14.0					
Production (bushels).....	992,746,912	1,304,599,083	1,055,182,798	1,007,142,980	943,389,376	809,250,686	407,858,999	282,107,157	172,643,185	146,584,179
Increase over preceding census <sup>2</sup>	-311,852,171	249,416,285	48,039,818	63,763,605	134,138,709	401,391,667	125,751,842	100,463,672	26,050,006	
Per cent of increase <sup>2</sup>	-23.9	23.6	4.8	6.8	16.6	98.4	44.6	63.4	17.8	
Average yield per acre.....	29.7	34.7	27.8	28.6	31.9	28.0	25.3			
Value.....	\$410,167,331	\$610,497,834	\$855,255,468	\$414,697,422	\$217,098,584					
Increase over preceding census <sup>2</sup>	-\$200,330,503	-\$244,757,634	\$440,558,046	\$197,598,838						
Per cent of increase <sup>2</sup>	-32.8	-28.6	106.2	91.0						
Average per bushel.....	\$0.41	\$0.47	\$0.81	\$0.41	\$0.23					
Average per acre.....	\$12.26	\$16.22	\$22.51	\$11.79	\$7.35					
Per cent that value of oats formed of total value of all crops.....	5.1	( <sup>3</sup> )	5.8	7.9	7.6					

<sup>1</sup> See text discussion.

<sup>2</sup> A minus sign (-) denotes decrease.

<sup>3</sup> The decrease, 1919 to 1929 was: Acreage, 11.9 per cent; production, 5.9 per cent; and value, 52.0 per cent.

<sup>4</sup> Figures not available.

# INDIVIDUAL CROPS

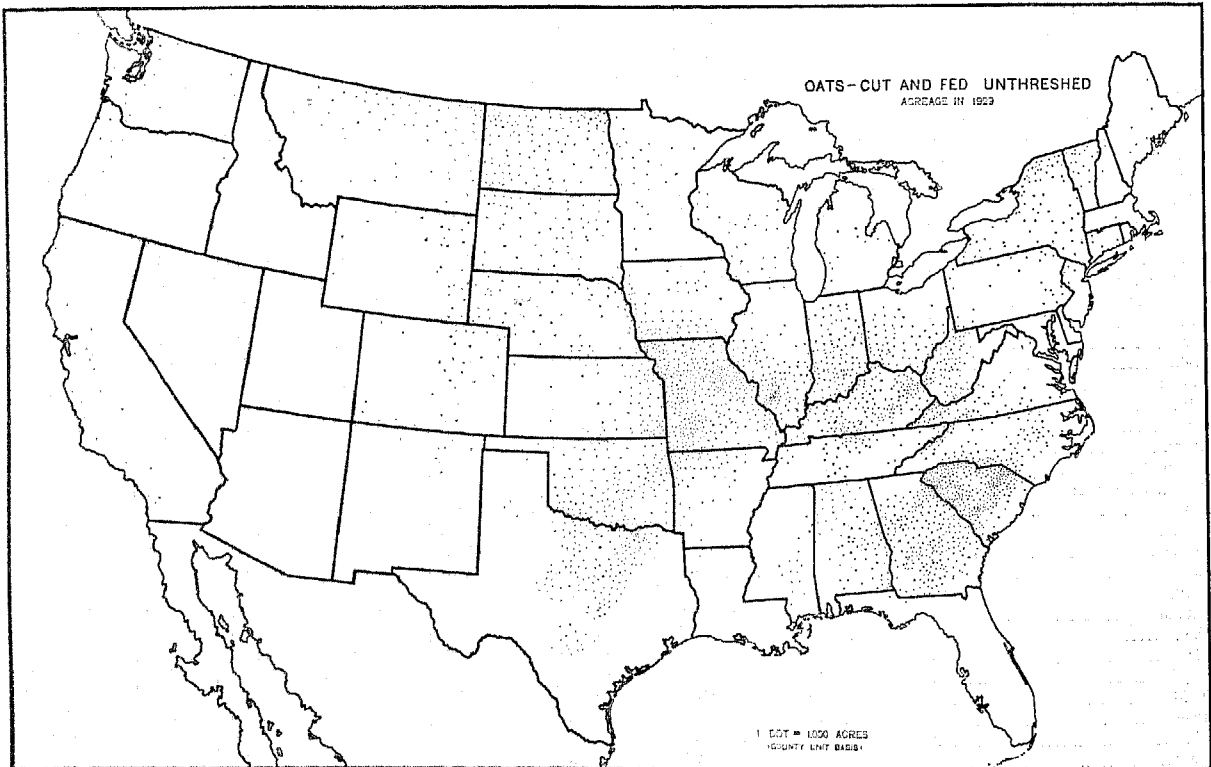
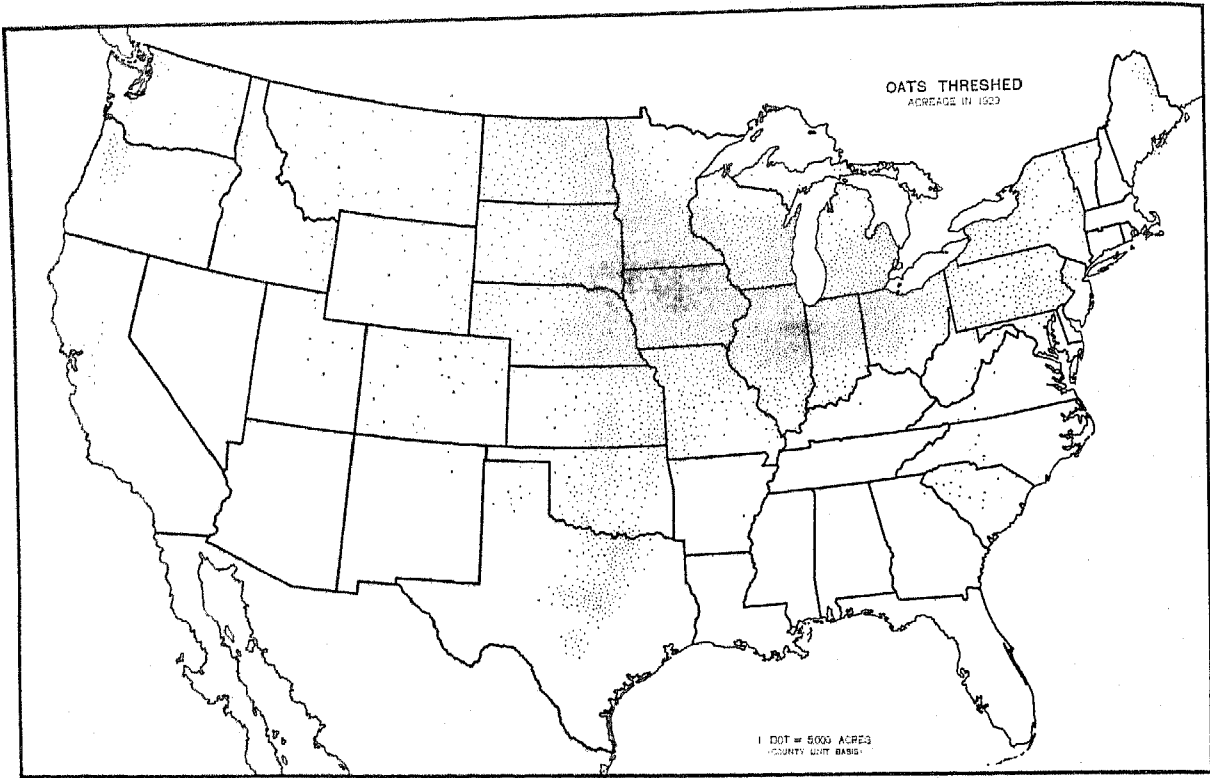
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**TABLE 16.—OATS—ACREAGE (TOTAL), THRESHED, AND CUT AND FED UNTHRESHED, 1929 AND 1924; AND FARMS REPORTING OATS CUT AND FED UNTHRESHED, 1929; BY DIVISIONS AND STATES**

DIVISION AND STATE	TOTAL ACREAGE <sup>1</sup>		ACREAGE OF OATS THRESHED		OATS CUT AND FED UNTHRESHED				Farms reporting, 1929
					Acres				
	1929	1924	1929	1924	Number		Per cent of total		
					1929	1924	1929	1924	
United States.....	36,525,964	40,819,304	33,466,025	37,650,155	3,059,939	3,169,149	8.4	7.8	454,975
<b>GEOGRAPHIC DIVISIONS:</b>									
New England.....	178,537	228,257	143,336	164,634	35,201	63,623	19.7	27.9	10,888
Middle Atlantic.....	1,570,824	1,980,349	1,457,359	1,864,402	113,465	115,947	7.2	5.9	24,129
East North Central.....	10,774,165	11,454,679	10,398,919	11,119,020	375,246	335,659	3.5	2.9	49,870
West North Central.....	18,748,176	20,984,609	17,906,901	20,274,190	841,275	710,419	4.5	3.4	71,726
South Atlantic.....	1,126,675	1,139,282	363,932	334,012	762,743	805,270	67.7	70.7	168,093
East South Central.....	431,279	506,624	98,859	128,454	332,390	378,170	77.1	74.6	69,344
West South Central.....	2,345,447	2,819,224	1,051,043	2,302,233	394,404	516,991	16.8	18.3	46,355
Mountain.....	876,188	1,143,244	722,600	978,444	153,588	164,800	17.5	14.4	9,139
Pacific.....	474,073	563,036	423,046	484,766	51,627	78,270	10.9	13.9	5,521
<b>NEW ENGLAND:</b>									
Maine.....	112,308	120,162	104,121	103,898	8,187	16,264	7.3	13.5	3,285
New Hampshire.....	6,046	10,608	3,146	4,092	2,900	6,516	48.0	61.4	1,170
Vermont.....	48,903	78,703	33,123	51,308	15,780	24,335	32.3	32.1	3,965
Massachusetts.....	3,513	7,580	1,341	2,250	2,172	5,330	61.8	70.3	840
Rhode Island.....	1,239	2,220	302	449	937	1,771	75.6	79.8	301
Connecticut.....	6,528	11,984	1,303	2,577	5,225	9,407	80.0	78.5	1,327
<b>MIDDLE ATLANTIC:</b>									
New York.....	635,744	955,682	558,462	869,166	77,282	86,516	12.2	9.1	15,638
New Jersey.....	37,848	47,740	32,193	41,060	5,155	6,680	13.8	14.0	917
Pennsylvania.....	897,732	976,927	866,704	954,176	31,028	22,751	3.5	2.3	7,574
<b>EAST NORTH CENTRAL:</b>									
Ohio.....	1,612,758	1,565,129	1,542,574	1,513,440	70,184	51,683	4.4	3.3	10,467
Indiana.....	1,762,871	1,722,305	1,661,155	1,627,247	101,716	95,058	5.8	5.5	12,718
Illinois.....	3,998,589	4,197,868	3,850,217	4,074,839	142,372	123,029	3.6	2.9	15,031
Michigan.....	1,219,652	1,467,852	1,194,239	1,443,063	25,413	24,789	2.1	1.7	4,988
Wisconsin.....	2,180,295	2,801,625	2,144,734	2,460,425	35,561	41,100	1.6	1.6	6,666
<b>WEST NORTH CENTRAL:</b>									
Minnesota.....	3,733,494	4,587,116	3,698,268	4,545,661	35,226	40,455	0.9	0.9	4,440
Iowa.....	5,913,797	5,774,037	5,836,126	5,702,250	77,671	71,757	1.3	1.2	7,521
Missouri.....	1,383,500	1,514,328	1,006,794	1,162,347	376,706	351,781	27.2	23.2	38,178
North Dakota.....	1,863,411	2,616,578	1,735,461	2,524,380	127,950	91,168	6.9	3.5	5,917
South Dakota.....	2,334,990	2,834,325	2,271,899	2,799,488	63,091	34,837	2.7	1.2	2,955
Nebraska.....	2,389,757	2,339,071	2,317,266	2,287,941	72,491	51,130	3.0	2.2	4,791
Kansas.....	1,129,227	1,320,154	1,041,087	1,250,923	83,140	69,231	7.8	5.2	7,894
<b>SOUTH ATLANTIC:</b>									
Delaware.....	2,275	3,028	1,862	2,084	413	944	18.2	31.2	96
Maryland.....	46,149	46,527	41,734	40,135	4,415	6,392	9.6	13.7	1,100
District of Columbia.....	13	16	10	10	13	6	100.0	37.5	4
Virginia.....	124,681	146,549	54,338	57,273	70,343	89,276	56.4	60.9	16,378
West Virginia.....	139,724	139,807	62,857	60,558	76,867	79,249	55.0	56.7	18,408
North Carolina.....	159,384	200,383	60,969	60,969	109,563	140,374	68.7	70.1	36,044
South Carolina.....	358,154	344,702	94,137	58,670	264,047	286,032	73.7	83.0	63,259
Georgia.....	288,638	248,244	58,051	54,209	230,587	194,035	79.9	78.2	41,691
Florida.....	7,627	10,026	1,122	1,064	6,505	8,962	85.3	89.4	1,023
<b>EAST SOUTH CENTRAL:</b>									
Kentucky.....	206,900	222,217	45,966	49,533	160,934	172,684	77.8	77.7	28,017
Tennessee.....	91,707	147,070	30,660	52,176	61,047	94,894	66.6	64.5	11,916
Alabama.....	98,410	84,853	12,299	11,167	86,111	73,686	87.5	86.8	23,854
Mississippi.....	34,262	52,484	9,964	15,578	24,298	36,906	70.9	70.3	6,057
<b>WEST SOUTH CENTRAL:</b>									
Arkansas.....	91,017	225,067	32,894	63,096	58,623	161,971	64.4	72.0	11,378
Louisiana.....	15,351	17,137	7,716	6,434	7,635	10,703	49.7	62.5	1,484
Oklahoma.....	907,939	1,170,313	762,823	1,019,886	145,116	150,427	16.0	12.9	15,177
Texas.....	1,331,140	1,406,707	1,148,110	1,212,817	183,030	193,890	13.7	13.8	18,316
<b>MOUNTAIN:</b>									
Montana.....	301,964	539,248	232,458	455,385	69,506	83,863	23.0	15.6	3,102
Idaho.....	134,478	145,538	132,442	132,442	10,242	13,096	7.6	9.0	975
Wyoming.....	158,473	121,032	131,126	104,268	27,347	16,764	17.3	13.9	1,360
Colorado.....	194,927	222,086	162,218	195,214	32,709	26,372	16.8	12.1	2,200
New Mexico.....	30,741	54,467	20,828	35,034	9,913	19,433	32.2	35.7	960
Arizona.....	4,770	7,405	3,267	4,850	1,503	2,555	31.5	34.5	143
Utah.....	47,467	51,376	45,480	49,420	1,987	1,956	4.2	3.8	356
Nevada.....	3,368	2,092	2,987	1,831	381	281	11.3	12.5	43
<b>PACIFIC:</b>									
Washington.....	139,199	168,333	120,967	146,125	18,232	22,208	13.1	13.2	3,021
Oregon.....	222,718	274,559	213,416	259,604	9,302	14,955	4.2	5.4	1,169
California.....	112,756	120,144	88,663	79,037	24,093	41,107	21.4	34.2	1,391

<sup>1</sup>Oats threshed, and oats cut and fed unthreshed. (Does not include oats cut for hay.)

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TABLE 18.—OATS THRESHED FOR GRAIN<sup>1</sup>—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1899 TO 1929

DIVISION AND STATE	ACREAGE					PRODUCTION (BUSHELS)				
	1929	1924	1919	1909	1899	1929	1924	1919	1909	1899
United States.....	33,499,025	37,650,155	37,991,002	35,159,441	29,639,698	992,746,912	1,304,599,083	1,055,182,708	1,007,142,980	943,399,375
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	143,336	164,634	236,113	223,221	212,737	5,168,154	6,023,120	7,099,771	7,350,601	7,043,176
Middle Atlantic.....	1,457,359	1,854,402	2,184,127	2,518,886	2,579,559	36,512,087	62,070,053	52,255,952	64,344,715	79,630,320
East North Central.....	10,393,919	11,119,020	11,228,593	11,225,445	10,087,121	322,671,718	425,626,633	333,705,369	373,803,573	377,300,555
West North Central.....	17,906,001	20,274,190	17,978,166	15,710,495	12,109,758	539,257,036	702,342,774	494,110,435	432,660,477	386,078,011
South Atlantic.....	363,032	334,012	886,071	1,368,832	1,268,061	8,219,765	6,665,633	14,417,597	21,200,000	14,874,888
East South Central.....	98,880	128,454	630,367	870,762	855,842	1,720,423	2,321,748	7,085,657	11,640,687	9,480,026
West South Central.....	1,951,043	2,302,233	3,642,748	1,276,534	1,472,449	44,312,343	60,335,207	112,652,747	27,273,095	37,927,478
Mountain.....	722,600	978,444	682,103	1,104,204	412,190	19,332,752	25,019,848	14,457,607	40,604,255	12,519,663
Pacific.....	423,046	484,766	622,714	801,062	541,981	15,552,634	14,294,167	19,397,663	28,262,977	17,034,670
<b>NEW ENGLAND:</b>										
Maine.....	104,121	103,898	116,691	120,991	108,661	3,042,774	3,938,124	3,600,617	4,232,309	3,799,435
New Hampshire.....	3,146	4,062	14,688	10,860	12,689	126,083	161,366	485,867	386,410	497,110
Vermont.....	33,123	51,368	83,097	71,510	73,372	1,010,660	1,749,748	2,396,349	2,141,357	2,742,146
Massachusetts.....	1,311	2,250	9,633	7,927	6,702	39,704	82,668	287,881	268,500	240,990
Rhode Island.....	302	449	1,215	1,726	1,630	10,576	16,366	34,507	48,212	47,120
Connecticut.....	1,303	2,577	10,889	10,207	9,883	38,857	74,908	295,050	273,804	316,380
<b>MIDDLE ATLANTIC:</b>										
New York.....	558,462	869,166	937,553	1,302,508	1,329,753	12,775,284	28,829,906	21,595,461	34,795,277	40,785,900
New Jersey.....	32,193	41,060	71,065	72,130	75,959	816,609	1,116,315	1,477,319	1,376,762	1,601,610
Pennsylvania.....	866,704	954,176	1,175,509	1,144,248	1,178,847	22,921,194	32,123,832	29,183,172	28,172,686	37,242,810
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	1,542,574	1,513,446	1,452,052	1,787,496	1,115,149	44,730,590	62,010,180	46,818,330	57,591,046	42,050,910
Indiana.....	1,661,155	1,627,247	1,718,748	1,667,818	1,017,355	47,465,387	59,104,893	52,629,723	50,607,013	34,565,070
Illinois.....	3,856,217	4,074,839	4,291,066	4,176,485	4,570,034	128,257,740	159,662,831	129,104,668	150,386,074	180,365,630
Michigan.....	1,194,239	1,443,063	1,514,808	1,429,676	1,019,438	33,623,530	57,470,383	36,956,425	43,869,502	36,333,145
Wisconsin.....	2,144,734	2,460,425	2,251,919	2,164,570	2,365,115	68,694,665	87,378,346	68,298,223	71,349,038	84,040,800
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	3,698,265	4,546,661	3,420,379	2,977,288	2,201,325	126,221,063	189,071,696	98,108,151	93,807,717	74,054,150
Iowa.....	5,836,126	5,702,250	5,484,113	4,655,154	4,695,391	208,070,091	224,678,096	187,046,705	128,198,055	168,364,170
Missouri.....	1,665,794	1,162,547	1,707,055	1,073,325	916,178	19,050,770	24,333,307	40,493,700	24,828,501	20,545,350
North Dakota.....	1,735,461	2,524,380	2,073,162	2,147,032	780,517	31,174,936	70,021,834	30,294,074	65,880,702	22,125,331
South Dakota.....	2,271,899	2,709,488	1,839,089	1,558,043	691,167	62,480,531	98,508,576	51,091,904	43,565,676	19,412,490
Nebraska.....	2,317,266	2,297,941	2,029,740	2,365,774	1,924,827	70,783,080	61,003,610	59,819,545	53,360,185	58,007,140
Kansas.....	1,041,087	1,250,923	1,415,928	933,309	900,353	21,626,565	28,826,155	36,257,356	22,923,641	24,469,980
<b>SOUTH ATLANTIC:</b>										
Delaware.....	1,862	2,084	4,736	4,226	5,247	52,947	61,373	70,791	98,239	131,960
Maryland.....	41,734	40,135	48,891	49,210	44,625	1,164,583	1,173,397	1,082,994	1,160,663	1,109,560
District of Columbia.....	10	10	14	13	42		168	315	376	620
Virginia.....	54,338	57,273	135,842	204,456	275,394	1,127,824	1,097,215	1,958,009	2,884,490	3,269,430
West Virginia.....	82,857	60,558	169,915	103,758	99,433	1,514,150	1,309,738	3,054,668	2,728,806	1,833,840
North Carolina.....	49,831	60,069	125,885	228,120	270,876	949,082	932,769	1,671,308	2,782,568	2,454,768
South Carolina.....	94,137	58,670	196,056	324,180	222,544	2,229,914	1,187,590	3,897,835	5,745,291	2,661,670
Georgia.....	68,051	54,209	187,525	411,664	318,433	1,165,731	799,217	2,758,851	6,199,243	3,115,610
Florida.....	1,122	1,064	17,207	43,206	31,467	15,634	14,060	222,226	606,380	297,430
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	45,966	49,533	229,464	174,315	316,590	731,543	958,354	2,791,447	2,400,064	4,009,830
Tennessee.....	30,600	52,176	162,417	342,086	235,313	478,230	954,459	2,413,409	4,720,692	2,725,330
Alabama.....	12,299	11,167	85,398	257,276	216,873	245,616	162,201	1,120,384	3,251,146	1,882,000
Mississippi.....	9,964	15,578	53,068	97,085	87,066	265,034	246,734	703,417	1,268,785	862,505
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	32,394	63,096	173,317	197,449	280,115	653,887	1,165,552	2,703,763	3,212,891	3,909,000
Louisiana.....	7,716	6,434	33,443	20,711	28,033	201,315	132,496	489,380	420,033	318,070
Oklahoma.....	762,823	1,019,586	1,573,065	609,373	317,076	16,196,880	22,984,886	45,470,191	16,006,154	9,511,740
Texas.....	1,148,110	1,212,817	1,862,933	440,001	847,225	27,260,261	36,052,273	63,989,423	7,034,617	24,180,698
<b>MOUNTAIN:</b>										
Montana.....	232,458	455,885	191,096	333,195	133,938	4,809,018	11,815,924	2,583,908	13,805,735	4,746,231
Idaho.....	124,236	132,442	141,507	302,783	64,739	4,244,701	3,479,381	3,069,132	11,328,106	1,956,498
Wyoming.....	131,126	104,268	88,622	124,035	26,892	3,197,152	2,446,764	1,006,552	3,361,425	763,370
Colorado.....	162,218	195,214	174,189	275,948	120,952	4,704,838	4,947,043	4,535,527	7,642,855	3,080,130
New Mexico.....	20,828	35,034	40,029	33,707	15,848	453,362	548,107	1,035,311	720,660	342,777
Arizona.....	3,267	4,850	11,862	5,867	1,641	79,755	108,070	377,785	189,312	43,246
Utah.....	45,480	49,420	61,825	80,816	43,394	1,741,902	1,618,651	1,724,392	3,221,289	1,436,225
Nevada.....	2,987	1,831	2,973	7,853	4,786	102,024	55,918	75,000	334,973	151,176
<b>PACIFIC:</b>										
Washington.....	120,967	146,125	191,673	269,742	126,841	5,776,632	5,635,108	8,073,481	13,228,003	5,336,486
Oregon.....	213,416	259,004	284,152	339,162	261,406	7,613,345	7,221,278	8,357,406	10,881,286	6,725,828
California.....	88,663	79,637	146,889	192,158	153,734	2,162,657	1,437,781	2,986,776	4,143,688	4,972,356

<sup>1</sup> See text discussion.

# INDIVIDUAL CROPS

Barley.—The 1930 general farm schedule called for the acreage and production of barley in 1929. The inquiries on the schedules for the previous censuses were practically the same. The acreage of barley has almost doubled since 1924; the increase has been quite general. The largest increases occurred in Minnesota, North Dakota, South Dakota, and other North Central States, where it appears to have increased at the expense of oats and rye.

PRODUCTION OF BARLEY, 10 LEADING STATES: 1929 AND 1924

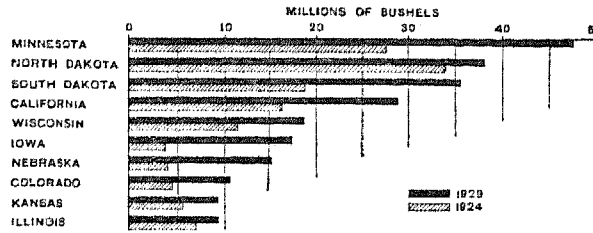
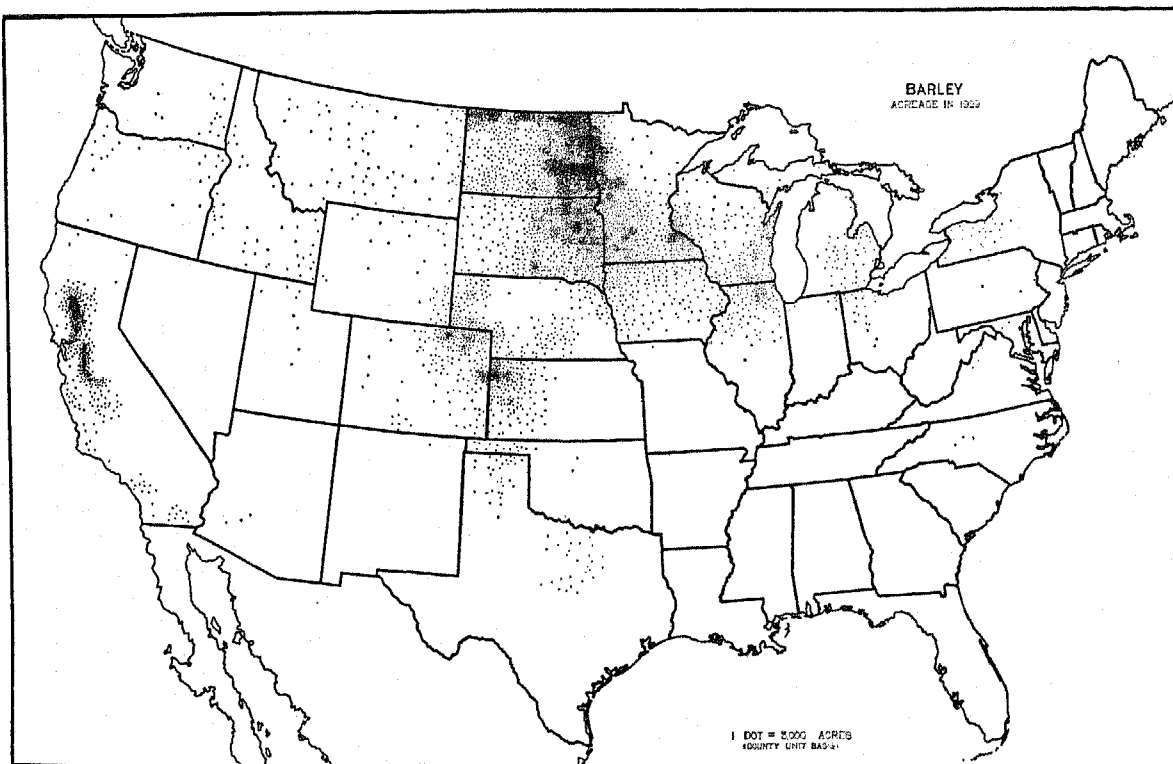


TABLE 19.—BARLEY—SUMMARY FOR THE UNITED STATES: 1849 TO 1929

[Statistics for divisions and States in Tables 20 and 21]

ITEM	1929	1924	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting.....	542,710	357,521	448,985	383,197	272,913					
Per cent of all farms.....	8.6	5.6	7.0	6.0	4.8					
Acreage.....	12,890,772	6,766,980	6,472,888	7,698,706	4,470,196	3,220,634	1,997,727			
Increase over preceding census <sup>1</sup> .....	6,123,792	294,092	-1,225,818	3,228,510	1,249,362	1,223,107				
Per cent of increase <sup>1</sup> .....	<sup>2</sup> 90.5	4.5	-15.9	72.2	38.8	61.2				
Average per farm reporting.....	23.8	18.9	14.4	20.1	16.4					
Production (bushels).....	263,589,965	159,139,124	122,024,773	173,344,212	119,634,877	78,332,976	43,997,495	29,761,305	15,825,898	5,167,015
Increase over preceding census <sup>1</sup> .....	104,450,841	37,114,351	-51,319,439	53,709,335	41,301,901	34,335,481	14,236,190	13,935,407	10,658,883	
Per cent of increase <sup>1</sup> .....	<sup>2</sup> 65.6	30.4	-29.6	44.9	52.7	78.0	47.8	88.1	208.3	
Average yield per acre.....	20.4	23.5	18.9	22.5	26.8	24.3	22.0			
Value.....	\$140,982,106	\$122,081,728	\$100,427,255	\$92,458,571	\$41,631,762					
Increase over preceding census <sup>1</sup> .....	\$18,900,378	-\$38,345,527	\$67,968,684	\$50,826,809	122.1					
Per cent of increase <sup>1</sup> .....	<sup>2</sup> 16.5	-23.9	78.5	122.1						
Average per bushel.....	\$0.53	\$0.77	\$1.31	\$0.53	\$0.35					
Average yield per acre.....	\$10.94	\$18.04	\$24.78	\$12.01	\$9.31					
Per cent that value of barley formed of total value of all crops.....	1.7	( <sup>3</sup> )	1.1	1.8	1.5					

<sup>1</sup> A minus sign (-) denotes decrease. <sup>2</sup> Between 1919 and 1929, the acreage increased 99.2 per cent; the production increased 116.0 per cent; and the value decreased 12.1 per cent. <sup>3</sup> Figures not available.



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TABLE 20.—BARLEY—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929, 1924, AND 1919

DIVISION AND STATE	FARMS REPORTING			ACREAGE			PRODUCTION (BUSHELS)			VALUE		
	1929	1924	1919	1929	1924	1919	1929	1924	1919	1929	1924	1919
United States.....	542,710	357,521	448,985	12,890,772	6,766,980	6,472,858	263,559,865	159,139,124	122,024,773	\$140,922,106	\$122,081,728	\$160,427,255
GEOGRAPHIC DIVISIONS:												
New England.....	1,518	1,839	5,722	5,999	6,932	14,767	163,188	198,644	343,641	150,928	210,040	591,771
Middle Atlantic.....	19,210	18,806	28,584	103,708	97,216	130,788	2,142,977	2,898,950	2,549,471	1,669,559	2,767,459	3,697,471
East North Central.....	157,350	103,381	182,536	1,354,169	784,960	1,160,055	34,573,120	23,687,066	25,061,508	21,006,378	19,552,300	33,693,097
West North Central.....	280,237	168,946	176,703	8,730,021	3,097,571	3,536,158	163,721,617	64,571,853	57,946,122	77,108,198	63,040,720	68,015,039
South Atlantic.....	8,959	5,492	3,654	44,415	31,963	14,593	1,003,312	754,909	370,458	1,047,488	700,954	523,587
East South Central.....	2,268	1,689	1,551	16,300	14,972	12,083	327,345	263,143	221,027	326,124	280,032	360,046
West South Central.....	10,578	18,418	11,403	265,149	377,118	155,766	4,886,245	6,480,581	3,979,068	2,801,567	4,832,911	4,470,878
Mountain.....	47,561	28,798	20,861	1,175,207	578,737	310,447	23,521,538	11,081,630	5,977,266	13,793,052	9,033,103	8,449,865
Pacific.....	15,029	10,242	17,971	1,195,804	877,511	1,138,231	32,950,723	19,232,312	25,576,212	23,078,812	21,597,291	40,625,511
NEW ENGLAND:												
Maine.....	672	611	1,629	2,472	1,837	4,358	73,366	53,789	104,912	68,182	58,632	183,597
New Hampshire.....	56	59	481	184	129	857	4,345	3,219	22,036	4,055	3,475	33,057
Vermont.....	742	1,075	3,160	3,239	4,619	8,594	83,149	133,546	196,815	76,407	145,564	344,431
Massachusetts.....	25	54	230	63	205	509	1,504	5,118	11,832	1,430	5,886	18,930
Rhode Island.....	5	14	43	16	98	145	383	2,101	3,154	383	2,521	4,410
Connecticut.....	18	26	149	25	44	274	471	871	4,892	471	871	7,340
MIDDLE ATLANTIC:												
New York.....	13,233	10,468	24,849	75,934	86,070	116,109	1,548,560	2,599,852	2,273,911	1,186,647	2,503,151	3,295,871
New Jersey.....	181	121	163	1,114	758	894	23,784	13,743	14,613	21,149	13,470	21,923
Pennsylvania.....	5,796	2,217	3,581	26,660	10,388	13,785	570,633	204,391	261,847	461,763	250,838	379,677
EAST NORTH CENTRAL:												
Ohio.....	10,490	6,854	19,601	86,120	51,328	114,217	1,978,770	1,417,336	2,412,196	1,101,437	1,257,389	3,256,468
Indiana.....	3,775	2,048	10,496	32,644	18,266	74,239	688,045	422,604	1,427,772	399,182	249,882	1,998,883
Illinois.....	23,137	15,821	17,653	369,903	220,195	176,792	9,381,100	7,109,803	4,226,911	5,063,425	5,645,717	5,404,990
Michigan.....	34,813	20,727	64,897	215,795	107,827	296,515	4,178,549	3,169,853	4,802,768	2,874,287	2,724,539	6,483,742
Wisconsin.....	86,135	57,931	79,889	649,707	387,404	493,292	18,646,647	11,567,470	12,191,861	11,563,047	9,574,773	16,459,014
WEST NORTH CENTRAL:												
Minnesota.....	103,759	63,182	64,877	2,001,449	915,472	814,381	47,639,628	27,805,776	14,849,069	23,448,934	19,375,513	18,561,350
Iowa.....	36,565	9,574	19,016	601,441	135,876	236,314	17,417,137	4,081,320	5,352,902	8,907,513	2,962,150	6,423,366
Missouri.....	1,002	662	1,152	9,667	7,317	8,930	126,359	137,822	145,496	85,876	117,165	203,695
North Dakota.....	55,453	41,749	32,837	2,834,949	1,468,344	1,085,329	38,154,988	34,083,246	12,052,881	16,440,423	21,541,616	13,860,816
South Dakota.....	48,465	25,624	25,435	2,061,136	788,600	754,929	35,652,875	18,698,992	12,815,768	16,297,846	12,166,762	15,378,922
Nebraska.....	23,569	11,951	15,328	643,156	235,600	211,242	15,264,262	4,138,210	4,405,323	7,462,713	2,800,992	4,845,864
Kansas.....	11,424	10,204	18,058	578,223	446,362	425,033	9,466,268	5,676,487	8,324,783	4,465,393	4,016,541	8,741,027
SOUTH ATLANTIC:												
Delaware.....	33	6	10	292	54	85	4,067	793	625	3,457	754	812
Maryland.....	1,596	1,755	1,099	9,832	10,783	3,888	286,206	288,522	111,221	244,453	259,071	144,589
District of Columbia.....												
Virginia.....	2,077	2,374	2,044	12,956	14,796	8,674	331,884	359,344	229,301	316,699	377,315	332,490
West Virginia.....	171	196	305	932	1,201	1,359	21,182	21,477	24,816	19,102	20,405	37,223
North Carolina.....	4,647	1,069	179	18,490	4,339	429	828,746	76,191	3,510	419,072	90,749	6,494
South Carolina.....	323	86		1,285	508		20,316	6,312		29,387	8,838	
Georgia.....	112	66	5	718	282	21	10,909	2,270		15,318	3,177	130
Florida.....			12			137			920			1,840
EAST SOUTH CENTRAL:												
Kentucky.....	457	473	598	4,971	4,756	5,612	115,025	93,847	119,542	104,693	93,847	191,266
Tennessee.....	1,781	1,192	932	11,215	10,059	5,894	210,488	167,600	90,178	219,169	183,819	168,687
Alabama.....	24	22	111	94	145	577	1,472	1,611	5,812	1,836	2,255	10,093
Mississippi.....	6	2		20	12		300	85		426	111	
WEST SOUTH CENTRAL:												
Arkansas.....	23	83	70	141	756	273	1,859	9,333	2,900	1,891	8,404	4,641
Louisiana.....	4	5	35	72	37	389	2,194	790	6,079	2,891	1,106	10,032
Oklahoma.....	3,236	11,510	5,450	71,074	210,199	77,324	1,138,515	3,628,953	1,781,839	625,965	2,709,065	2,049,119
Texas.....	7,313	6,820	5,848	193,862	166,126	77,780	3,743,677	2,841,500	2,188,250	2,170,820	2,114,336	2,407,086
MOUNTAIN:												
Montana.....	9,327	5,431	1,950	243,343	93,327	29,330	3,798,109	1,889,177	346,972	2,300,619	1,386,190	520,472
Idaho.....	9,071	6,988	4,577	133,416	116,916	67,871	4,247,839	2,826,538	1,348,876	2,717,117	2,489,872	2,023,329
Wyoming.....	4,792	1,392	898	134,767	21,493	7,970	2,738,673	439,749	115,624	1,511,052	353,032	179,218
Colorado.....	16,965	11,084	8,702	604,267	302,868	153,015	10,706,025	4,753,804	2,801,498	5,759,494	3,659,902	3,641,948
New Mexico.....	914	570	957	7,788	7,648	8,476	145,976	90,600	194,059	97,199	72,480	252,280
Arizona.....	333	469	934	8,130	16,899	21,748	235,072	448,665	650,835	193,121	448,065	952,415
Utah.....	6,928	2,598	2,801	33,065	13,773	15,938	1,453,021	898,383	365,186	1,042,721	372,615	620,814
Nevada.....	331	266	312	5,440	5,819	5,599	196,823	229,714	148,216	171,720	262,687	269,379
PACIFIC:												
Washington.....	2,885	2,429	3,778	51,944	66,877	84,568	1,539,224	1,490,878	2,249,856	1,140,055	1,219,795	3,374,792
Oregon.....	4,239	2,936	3,450	78,359	58,703	66,595	2,373,155	1,282,578	1,429,073	1,759,950	1,231,745	2,215,065
California.....	7,905	4,877	10,743	1,065,501	751,931	987,068	29,038,344	16,458,556	21,897,283	20,178,867	19,145,751	35,035,654

# INDIVIDUAL CROPS

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TABLE 21.—BARLEY—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1899 TO 1929

DIVISION AND STATE	ACREAGE					PRODUCTION (BUSHELS)				
	1929	1924	1919	1909	1899	1929	1924	1919	1909	1899
United States.....	12,890,772	6,766,980	6,472,888	7,698,706	4,470,196	263,569,965	159,139,124	122,024,773	173,344,212	119,634,877
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	5,999	6,932	14,767	16,242	23,554	163,188	196,644	343,641	428,617	704,057
Middle Atlantic.....	103,708	97,216	130,768	87,733	121,577	2,142,977	2,868,986	2,549,471	2,062,189	3,145,218
East North Central.....	1,354,160	784,960	1,100,055	1,007,102	665,678	34,873,120	23,687,066	25,061,508	26,705,278	21,865,348
West North Central.....	8,730,021	3,997,571	3,536,158	4,762,928	2,305,281	163,721,517	94,571,853	57,946,122	48,997,430	59,695,149
South Atlantic.....	44,415	31,963	14,593	15,561	5,717	1,003,312	754,909	370,458	409,615	169,550
East South Central.....	16,300	14,072	12,083	5,388	2,848	327,345	263,143	221,027	119,922	42,138
West South Central.....	265,149	377,118	165,766	14,253	21,334	4,886,245	6,480,581	3,979,068	181,946	433,625
Mountain.....	1,175,207	578,737	310,447	313,600	111,887	23,521,538	11,081,630	5,977,266	9,785,511	3,333,342
Pacific.....	1,195,504	877,511	1,138,231	1,475,893	1,212,320	32,950,723	19,232,312	23,576,212	31,654,304	30,365,541
<b>NEW ENGLAND:</b>										
Maine.....	2,472	1,837	4,358	4,136	8,809	73,336	53,759	104,912	166,674	252,850
New Hampshire.....	184	129	887	848	1,596	4,345	3,219	22,036	20,764	46,680
Vermont.....	3,239	4,619	8,594	10,586	12,152	83,149	133,546	196,615	285,068	380,940
Massachusetts.....	63	205	509	349	638	1,504	5,118	11,832	9,021	14,987
Rhode Island.....	16	98	145	182	222	383	2,101	3,154	4,676	6,100
Connecticut.....	25	44	274	141	187	471	871	4,892	2,474	3,409
<b>MIDDLE ATLANTIC:</b>										
New York.....	76,934	86,070	116,109	79,956	111,658	1,548,560	2,590,852	2,273,011	1,922,868	2,943,256
New Jersey.....	1,114	768	894	152	336	23,784	13,743	14,613	3,082	4,790
Pennsylvania.....	26,660	10,388	13,785	7,625	9,583	579,633	264,391	261,847	136,239	197,178
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	86,120	51,328	114,217	24,075	34,058	1,978,779	1,417,336	2,412,196	569,279	1,653,246
Indiana.....	32,644	18,206	74,239	10,188	9,533	688,045	422,604	1,427,772	234,298	260,550
Illinois.....	369,903	220,195	176,792	63,325	21,375	9,381,100	7,109,803	4,226,911	1,613,559	656,589
Michigan.....	215,795	107,827	296,516	98,065	44,995	4,178,549	3,169,853	4,862,768	2,132,161	1,165,288
Wisconsin.....	649,707	387,404	498,292	816,449	555,747	18,646,647	11,567,470	12,191,861	22,156,041	15,899,690
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	2,001,449	915,472	814,381	1,573,761	877,845	47,639,628	27,805,776	14,849,069	34,927,773	24,314,246
Iowa.....	601,441	135,876	236,314	571,224	627,861	17,417,137	4,031,320	5,352,862	10,964,184	18,659,060
Missouri.....	9,067	7,317	8,930	7,915	1,727	126,359	137,822	145,496	134,253	28,069
North Dakota.....	2,334,949	1,468,344	1,085,329	1,215,811	257,092	38,154,988	34,083,246	12,052,881	26,365,758	6,752,060
South Dakota.....	2,061,136	788,600	754,929	1,114,531	299,510	35,652,875	18,698,992	12,815,768	22,366,130	7,031,760
Nebraska.....	643,156	235,600	211,242	113,671	92,098	15,264,262	4,138,210	4,405,323	1,987,516	2,034,916
Kansas.....	578,223	446,362	425,033	166,115	119,158	9,466,208	5,676,487	8,324,788	2,221,616	1,474,150
<b>SOUTH ATLANTIC:</b>										
Delaware.....	202	54	85	31	3	4,067	793	625	422	40
Maryland.....	9,832	10,783	3,888	4,494	1,515	286,208	288,522	111,221	135,454	42,566
District of Columbia.....										
Virginia.....	12,956	14,796	8,674	9,890	2,768	331,884	359,344	229,301	253,649	58,346
West Virginia.....	932	1,201	1,359	408	253	21,182	21,477	24,816	8,407	3,660
North Carolina.....	18,490	4,339	429	504	475	328,746	76,191	3,510	7,535	4,237
South Carolina.....	1,285	508		189	281	20,316	6,312		3,483	3,106
Georgia.....	718	282	21	44	395	10,909	2,270	65	655	2,260
Florida.....		137		1	27			920	10	329
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	4,971	4,766	5,612	2,738	953	115,025	93,847	119,542	65,596	17,772
Tennessee.....	11,215	10,059	5,894	2,567	1,590	210,488	167,600	96,173	53,201	21,638
Alabama.....	94	145	577	41	273	1,472	1,611	5,312	372	2,400
Mississippi.....	20	12		42	32	360	85		753	330
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	141	756	273	62	304	1,559	9,338	2,900	1,267	2,809
Louisiana.....	72	37	289		16	2,194	790	6,079		110
Oklahoma.....	71,074	210,199	77,324	10,283	16,634	1,138,515	3,628,653	1,781,839	127,641	356,340
Texas.....	193,862	166,126	77,790	3,888	4,380	3,743,677	2,841,500	2,188,250	52,435	80,366
<b>MOUNTAIN:</b>										
Montana.....	243,843	98,327	29,330	27,242	22,848	3,798,109	1,889,177	346,972	753,268	844,140
Idaho.....	133,416	110,910	67,871	132,412	32,798	4,247,839	2,826,738	1,348,676	4,568,292	968,214
Wyoming.....	134,757	21,493	7,970	8,561	1,225	2,738,673	439,749	115,624	189,057	29,676
Colorado.....	604,267	302,868	163,015	71,411	21,949	10,706,025	4,758,804	2,801,468	1,869,342	531,240
New Mexico.....	7,788	7,648	8,676	2,131	1,110	145,976	90,000	194,059	43,490	24,107
Arizona.....	8,130	16,899	21,748	32,897	16,279	235,072	448,665	656,835	1,008,442	458,776
Utah.....	88,066	13,773	15,938	20,752	8,644	1,453,021	368,383	366,186	891,471	252,140
Nevada.....	5,440	5,819	5,599	12,200	7,043	196,823	229,714	148,216	412,140	224,035
<b>PACIFIC:</b>										
Washington.....	51,944	66,877	84,568	171,858	122,298	1,539,224	1,490,878	2,249,856	5,534,615	3,641,056
Oregon.....	78,359	58,703	66,595	108,847	60,375	2,373,155	1,282,878	1,429,073	2,377,735	1,516,150
California.....	1,065,501	751,931	987,008	1,195,158	1,029,647	29,038,344	16,458,556	21,897,283	26,441,954	25,149,235



Rye.—The 1930 general farm schedule called for the acreage and production of rye in 1929. The inquiries on the schedules for the previous censuses were practically the same. The acreage of rye has decreased in recent years. The acreage decreased from 3,743,562 acres in 1924 to 3,032,802 acres in 1929. Account should be taken of the fact that rye is grown with other grain and this may explain part of the decrease in 1929, and also account for part of the increase in mixed grains.

PRODUCTION OF RYE, 10 LEADING STATES: 1929 AND 1924

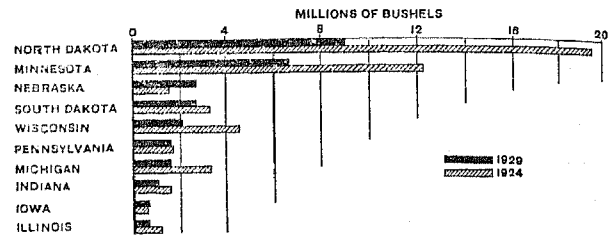
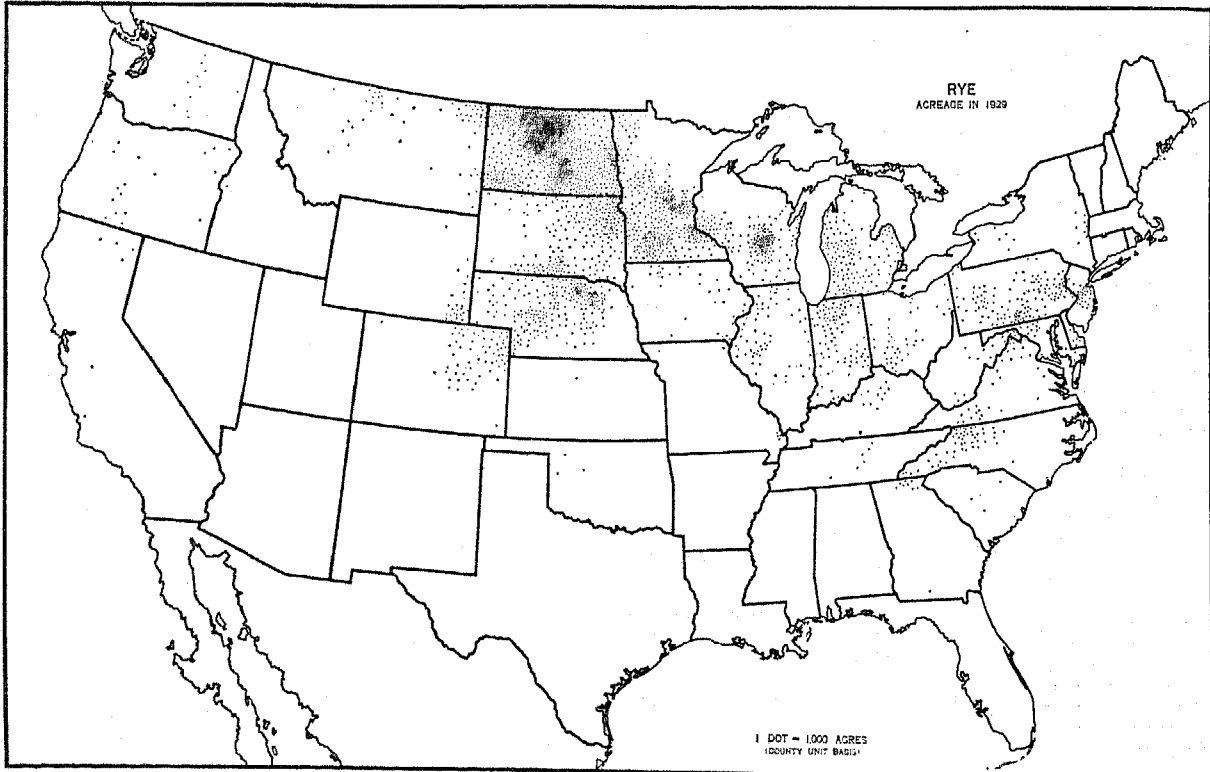


TABLE 22.—RYE—SUMMARY FOR THE UNITED STATES: 1849 TO 1929

[Statistics for divisions and States in Tables 23 and 24]

ITEM	1929	1924	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting.....	175,184	230,196	469,113	275,796	295,108					
Per cent of all farms.....	2.8	3.6	7.3	4.3	5.1					
Acreage.....	3,032,802	3,743,562	7,679,005	2,195,561	2,054,292	2,171,604	1,842,233			
Increase over preceding census <sup>1</sup> .....	-716,760	-3,935,443	5,483,444	141,269	-117,312	329,371				
Per cent of increase <sup>2</sup> .....	-19.0	-51.2	249.8	6.9	-5.4	17.9				
Average per farm reporting.....	17.3	16.3	16.4	8.0	7.0					
Production (bushels).....	34,302,824	55,673,814	75,992,223	29,520,457	25,668,625	28,421,398	19,831,595	16,918,795	21,101,330	14,188,813
Increase over preceding census <sup>1</sup> .....	-21,370,990	-20,318,409	46,471,760	3,951,832	-2,862,773	8,689,803	2,912,800	-4,182,686	6,912,567	
Per cent of increase <sup>2</sup> .....	-38.4	-29.7	187.4	15.5	-10.0	43.8	17.2	-19.8	48.7	
Average yield per acre.....	11.3	14.9	9.9	13.4	12.4	13.1	10.8			
Value.....	\$29,343,112	\$57,885,500	\$116,537,965	\$20,421,812	\$12,290,540					
Increase over preceding census <sup>1</sup> .....	-\$28,542,338	-\$58,652,465	\$96,116,153	\$8,131,272						
Per cent of increase <sup>2</sup> .....	-49.3	-50.3	470.7	66.2						
Average per bushel.....	\$0.86	\$1.04	\$1.53	\$0.69	\$0.48					
Average per acre.....	\$9.68	\$15.46	\$16.18	\$9.50	\$5.93					
Per cent that value of rye formed of total value of all crops.....	0.4	( <sup>3</sup> )	0.8	0.4	0.4					

<sup>1</sup> A minus sign (-) denotes decrease. <sup>2</sup> The decrease, 1919 to 1929 was: Acreage, 60.5 per cent; production, 54.9 per cent; and value, 74.8 per cent. <sup>3</sup> Figures not available



# INDIVIDUAL CROPS

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TABLE 23.—RYE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES:  
1929, 1924, AND 1919

DIVISION AND STATE	FARMS REPORTING			ACREAGE			PRODUCTION (BUSHELS)			VALUE		
	1929	1924	1919	1929	1924	1919	1929	1924	1919	1929	1924	1919
United States.....	175, 184	230, 196	469, 113	3, 032, 802	3, 743, 562	7, 679, 005	34, 302, 824	55, 673, 814	75, 992, 223	\$29, 848, 112	\$57, 685, 500	\$110, 537, 965
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	450	981	4, 348	1, 130	2, 291	10, 282	19, 581	40, 735	154, 265	22, 355	60, 225	294, 137
Middle Atlantic.....	27, 160	33, 919	69, 492	177, 241	205, 807	432, 824	2, 461, 455	3, 044, 455	5, 772, 471	2, 518, 347	3, 563, 351	9, 676, 044
East North Central.....	49, 485	78, 599	193, 235	545, 657	832, 922	2, 229, 022	6, 196, 009	11, 470, 011	23, 511, 726	5, 495, 554	12, 156, 074	44, 161, 824
West North Central.....	58, 446	77, 231	127, 600	1, 009, 223	2, 329, 079	4, 283, 616	22, 119, 666	37, 818, 770	35, 963, 450	17, 741, 229	38, 300, 893	53, 204, 213
South Atlantic.....	29, 352	28, 338	46, 325	149, 325	133, 812	198, 139	1, 402, 637	1, 155, 646	1, 479, 413	1, 779, 163	1, 655, 028	2, 836, 161
East South Central.....	4, 140	3, 677	9, 871	32, 778	27, 312	57, 491	268, 278	251, 857	422, 283	319, 537	306, 113	804, 078
West South Central.....	575	1, 647	6, 174	10, 532	32, 090	88, 277	106, 900	287, 513	935, 895	99, 186	281, 747	1, 409, 048
Mountain.....	4, 264	4, 010	8, 234	168, 641	164, 124	277, 805	1, 307, 401	1, 435, 841	1, 724, 784	934, 272	1, 364, 479	2, 092, 610
Pacific.....	1, 306	894	3, 834	38, 275	15, 625	102, 549	420, 596	168, 956	727, 936	433, 439	196, 690	1, 459, 250
<b>NEW ENGLAND:</b>												
Maine.....	31	48	133	96	134	272	1, 599	2, 967	4, 673	1, 599	4, 453	9, 346
New Hampshire.....	15	34	210	33	101	627	589	1, 404	6, 760	648	2, 247	12, 844
Vermont.....	25	108	206	142	221	527	2, 765	5, 625	6, 942	2, 809	9, 001	13, 190
Massachusetts.....	117	198	1, 192	300	599	3, 062	5, 364	9, 947	46, 261	6, 099	15, 319	87, 806
Rhode Island.....	22	31	120	72	184	349	1, 222	3, 869	6, 650	1, 599	1, 599	11, 300
Connecticut.....	240	602	2, 487	487	1, 082	6, 445	8, 042	16, 923	83, 979	9, 651	23, 015	150, 561
<b>MIDDLE ATLANTIC:</b>												
New York.....	2, 907	5, 705	17, 491	19, 273	35, 851	115, 661	288, 938	539, 919	1, 520, 552	301, 192	646, 698	2, 660, 972
New Jersey.....	2, 131	3, 708	6, 742	31, 147	46, 585	74, 174	518, 520	771, 181	1, 043, 916	504, 844	909, 694	1, 722, 461
Pennsylvania.....	22, 122	24, 600	45, 259	126, 821	123, 391	242, 989	1, 653, 997	1, 733, 385	3, 208, 603	1, 712, 311	2, 006, 719	5, 293, 211
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	5, 894	6, 707	15, 890	50, 465	55, 111	116, 464	635, 302	760, 449	1, 666, 449	596, 346	827, 059	2, 582, 991
Indiana.....	8, 111	11, 038	27, 430	98, 663	133, 165	350, 908	1, 103, 213	1, 640, 884	4, 432, 991	979, 867	1, 085, 181	6, 648, 162
Illinois.....	4, 010	5, 276	19, 599	62, 051	80, 853	319, 636	689, 026	1, 171, 045	3, 872, 621	633, 958	1, 239, 205	6, 002, 566
Michigan.....	16, 386	26, 139	77, 821	146, 679	231, 202	912, 951	1, 623, 761	3, 354, 943	12, 168, 182	1, 419, 819	3, 430, 196	18, 252, 291
Wisconsin.....	15, 084	20, 379	52, 555	187, 799	332, 591	529, 063	2, 144, 707	4, 552, 690	6, 672, 333	1, 865, 564	4, 676, 333	10, 676, 814
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	22, 845	35, 221	40, 500	411, 594	608, 158	649, 609	6, 642, 976	12, 241, 327	8, 362, 940	5, 528, 346	12, 958, 415	12, 962, 560
Iowa.....	3, 474	3, 397	7, 720	45, 097	39, 430	89, 458	715, 235	658, 989	1, 110, 739	606, 885	653, 662	1, 066, 128
Missouri.....	1, 148	1, 466	9, 582	15, 257	13, 506	107, 422	108, 727	138, 557	917, 093	107, 741	154, 804	1, 468, 304
North Dakota.....	16, 547	22, 441	35, 041	949, 050	1, 243, 889	2, 422, 563	9, 053, 338	19, 684, 127	16, 294, 377	7, 149, 285	19, 458, 988	23, 626, 848
South Dakota.....	6, 759	7, 149	10, 677	229, 753	235, 620	463, 132	2, 704, 646	3, 294, 722	4, 111, 543	2, 085, 020	3, 199, 155	5, 961, 741
Nebraska.....	7, 670	5, 611	12, 951	244, 043	158, 538	359, 926	2, 746, 587	1, 563, 250	3, 259, 390	2, 137, 067	1, 520, 861	4, 663, 143
Kansas.....	1, 003	1, 946	11, 129	14, 429	30, 538	190, 506	148, 167	337, 798	1, 906, 768	123, 885	325, 108	2, 955, 489
<b>SOUTH ATLANTIC:</b>												
Delaware.....	603	456	951	5, 083	2, 972	6, 198	72, 206	31, 108	58, 235	85, 790	38, 896	101, 912
Maryland.....	2, 403	2, 471	4, 178	18, 409	14, 610	21, 196	232, 727	183, 675	230, 596	249, 701	218, 597	380, 486
District of Columbia.....		1	3			20		140		202	161	843
Virginia.....	7, 650	5, 990	11, 655	42, 223	33, 304	57, 018	440, 334	324, 809	456, 689	527, 117	422, 240	822, 039
West Virginia.....	1, 831	1, 701	3, 900	11, 146	10, 224	19, 760	105, 842	99, 376	186, 709	120, 099	133, 938	266, 749
North Carolina.....	13, 811	19, 637	63, 519	51, 879	67, 871	67, 871	422, 296	390, 817	390, 123	576, 268	607, 037	819, 263
South Carolina.....	1, 210	1, 474	2, 134	7, 072	6, 438	6, 877	63, 011	49, 939	50, 342	110, 197	100, 321	143, 477
Georgia.....	1, 906	2, 320	3, 772	11, 612	14, 131	18, 041	64, 481	74, 199	100, 209	105, 838	130, 482	225, 491
Florida.....		24	95	201	234	1, 168	2, 040	1, 683	6, 308	4, 156	3, 366	16, 401
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	1, 561	1, 648	4, 090	17, 604	15, 164	27, 678	167, 910	161, 453	240, 555	190, 538	184, 135	445, 032
Tennessee.....	2, 513	1, 911	5, 240	14, 862	11, 744	28, 326	97, 175	87, 329	171, 124	124, 347	117, 066	333, 693
Alabama.....	64	114	454	272	396	1, 171	2, 746	3, 012	8, 079	4, 007	4, 817	19, 797
Mississippi.....	8	4	87	40	8	316	448	63	2, 525	645	95	6, 556
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	40	128	614	216	653	2, 082	1, 979	6, 850	13, 900	2, 372	9, 589	27, 800
Louisiana.....	7		25	164		118	1, 113		1, 486	1, 726		8, 419
Oklahoma.....	371	1, 269	4, 060	7, 573	20, 154	71, 680	67, 553	222, 913	705, 124	59, 260	215, 442	1, 022, 434
Texas.....	161	250	1, 475	2, 589	5, 283	14, 397	36, 255	57, 750	215, 385	35, 598	56, 716	355, 395
<b>MOUNTAIN:</b>												
Montana.....	1, 421	1, 375	1, 863	67, 025	36, 725	75, 979	457, 994	471, 071	227, 948	321, 108	441, 878	376, 115
Idaho.....	220	140	544	3, 683	2, 696	11, 937	39, 147	18, 931	81, 854	34, 493	20, 737	151, 430
Wyoming.....	699	909	1, 099	29, 695	44, 452	41, 879	273, 650	322, 303	192, 532	187, 199	303, 136	336, 933
Colorado.....	1, 668	2, 176	3, 945	64, 051	75, 360	133, 131	497, 675	585, 124	1, 088, 564	358, 208	554, 270	1, 578, 424
New Mexico.....	48	61	240	611	764	3, 751	5, 619	7, 271	53, 797	4, 680	9, 090	80, 074
Arizona.....	14	12	31	179	172	177	3, 028	2, 028	3, 471	2, 726	2, 839	6, 770
Utah.....	169	234	504	2, 996	3, 890	10, 378	25, 141	25, 613	72, 507	20, 819	28, 369	148, 642
Nevada.....	34	13	38	401	196	573	5, 247	2, 600	4, 111	5, 039	4, 160	8, 222
<b>PACIFIC:</b>												
Washington.....	378	255	1, 083	11, 742	5, 557	41, 677	78, 276	45, 711	229, 653	74, 514	50, 285	459, 806
Oregon.....	766	557	2, 288	20, 436	8, 475	42, 476	274, 789	104, 566	312, 463	287, 135	120, 254	656, 174
California.....	162	82	463	6, 097	1, 493	18, 306	67, 531	18, 679	188, 820	71, 790	26, 151	343, 770

## AGRICULTURE

TABLE 24.—RYE—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1899 TO 1929

DIVISION AND STATE	ACREAGE					PRODUCTION (BUSHELS)				
	1929	1924	1919	1909	1899	1929	1924	1919	1909	1899
United States.....	3,032,802	3,743,562	7,679,005	2,195,581	2,054,292	34,302,824	55,873,814	75,992,223	29,520,457	25,568,925
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	1,130	2,291	10,282	13,221	18,655	19,581	40,735	154,205	230,458	317,904
Middle Atlantic.....	177,241	205,807	432,824	472,132	556,431	2,461,455	3,044,485	5,772,471	6,458,475	7,207,830
East North Central.....	545,657	832,922	2,229,022	968,568	676,303	6,196,000	11,470,011	28,811,726	13,443,196	9,199,506
West North Central.....	1,969,223	2,329,679	4,282,616	470,582	556,406	22,119,666	37,818,770	35,903,450	6,907,788	6,798,638
South Atlantic.....	149,325	133,812	198,139	157,546	114,319	1,402,937	1,155,646	1,479,413	1,322,474	862,540
East South Central.....	32,778	27,312	57,491	50,091	35,985	268,279	251,857	422,283	400,700	275,363
West South Central.....	10,532	32,000	58,277	5,926	10,582	106,900	287,513	935,895	40,137	104,627
Mountain.....	168,641	164,124	277,805	32,115	9,519	1,307,401	1,435,841	1,724,784	439,767	123,458
Pacific.....	38,275	15,525	102,549	25,390	76,092	420,500	168,950	727,036	208,453	678,030
<b>NEW ENGLAND:</b>										
Maine.....	96	134	272	292	611	1,599	2,967	4,673	4,815	9,290
New Hampshire.....	33	101	627	260	350	589	1,404	6,760	4,534	5,320
Vermont.....	142	221	527	1,115	2,264	2,765	5,625	6,942	16,089	31,950
Massachusetts.....	300	509	3,062	3,476	4,557	5,364	9,947	46,261	59,183	60,294
Rhode Island.....	72	184	349	477	591	1,222	3,869	5,660	7,845	7,710
Connecticut.....	487	1,052	5,445	7,601	10,282	8,042	16,923	83,979	137,692	203,400
<b>MIDDLE ATLANTIC:</b>										
New York.....	19,273	35,851	115,661	130,540	177,416	288,938	539,019	1,520,552	2,010,601	2,431,670
New Jersey.....	31,147	46,565	74,174	69,032	68,967	518,620	771,181	1,043,916	951,271	831,410
Pennsylvania.....	126,821	123,391	242,989	272,560	310,048	1,653,997	1,733,385	3,208,003	3,496,603	3,944,750
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	60,465	55,111	116,464	67,912	17,583	635,302	750,449	1,666,449	921,019	257,120
Indiana.....	98,663	133,165	350,908	83,440	43,562	1,103,213	1,640,884	4,432,091	1,121,589	564,300
Illinois.....	62,051	80,853	319,636	58,973	78,869	689,026	1,171,045	3,872,621	787,519	1,104,670
Michigan.....	146,679	231,202	912,951	419,020	174,096	1,623,761	3,354,943	12,168,182	5,814,394	2,130,870
Wisconsin.....	187,799	332,591	529,063	339,213	362,193	2,144,707	4,552,690	6,672,383	4,797,775	5,142,608
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	411,594	608,158	649,009	266,507	118,869	6,042,976	12,241,327	8,362,940	4,426,028	1,860,150
Iowa.....	45,067	39,430	89,458	42,042	89,172	715,235	658,989	1,110,739	570,996	1,179,970
Missouri.....	15,257	13,506	167,422	20,001	21,233	108,727	138,557	917,693	205,813	220,338
North Dakota.....	949,050	1,243,889	2,422,563	48,188	27,995	9,063,338	19,584,127	10,294,377	689,233	368,240
South Dakota.....	229,753	235,620	463,132	13,778	39,253	2,704,646	3,294,722	4,111,543	194,672	454,860
Nebraska.....	244,043	158,538	359,926	62,827	178,920	2,746,587	1,563,250	3,259,390	660,631	1,901,820
Kansas.....	14,429	30,538	190,506	17,179	80,964	148,157	337,798	1,906,768	160,415	807,200
<b>SOUTH ATLANTIC:</b>										
Delaware.....	5,083	2,972	6,198	1,017	1,103	72,200	31,108	58,235	11,423	12,380
Maryland.....	18,409	14,610	21,196	28,093	21,621	232,727	183,675	230,596	357,562	270,550
District of Columbia.....		20	10	13	22		140	202	190	290
Virginia.....	42,223	33,304	57,018	47,890	31,534	440,334	324,899	450,689	438,345	246,834
West Virginia.....	11,146	10,224	19,760	15,679	13,758	105,842	99,376	158,709	148,676	111,031
North Carolina.....	53,519	51,879	67,871	48,685	28,074	422,296	390,817	390,123	280,431	133,730
South Carolina.....	7,672	6,438	6,877	2,958	4,256	63,011	49,939	50,342	20,631	19,372
Georgia.....	11,612	14,131	18,041	12,352	13,185	64,481	74,199	100,209	59,937	54,492
Florida.....	261	234	1,168	559	766	2,040	1,683	6,308	5,279	4,870
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	17,604	15,164	27,678	26,813	17,613	167,910	161,453	240,555	255,532	155,365
Tennessee.....	14,862	11,744	28,326	22,798	16,556	97,175	87,329	171,124	140,925	107,912
Alabama.....	272	396	1,171	437	1,708	2,746	3,012	8,079	3,730	11,123
Mississippi.....	40	8	316	43	103	448	63	2,525	516	963
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	216	653	2,082	1,080	2,883	1,979	6,850	13,900	7,354	19,125
Louisiana.....	154		118	19	55	1,113		1,486	193	372
Oklahoma.....	7,573	26,154	71,680	4,291	3,660	67,553	222,913	705,124	37,240	42,360
Texas.....	2,589	5,283	14,397	536	3,984	36,255	57,769	215,385	4,350	42,770
<b>MOUNTAIN:</b>										
Montana.....	67,025	36,725	75,979	6,034	2,003	457,994	471,971	227,048	111,214	33,120
Idaho.....	3,683	2,596	11,937	3,295	1,304	39,147	18,981	81,854	40,241	16,580
Wyoming.....	29,895	44,452	41,879	1,516	1,006	273,850	322,303	192,632	20,479	15,580
Colorado.....	64,051	75,360	133,131	15,715	2,148	497,575	655,124	1,088,564	198,025	26,180
New Mexico.....	611	754	3,751	257	48	5,619	7,271	53,797	2,913	1,064
Arizona.....	179	172	177	21	15	3,023	2,028	3,471	261	190
Utah.....	2,896	3,869	10,378	5,234	2,866	25,141	25,613	72,507	65,754	28,030
Nevada.....	401	199	573	43	129	5,247	2,600	4,111	880	2,114
<b>PACIFIC:</b>										
Washington.....	11,742	5,557	41,677	5,450	3,077	78,276	45,711	229,653	50,746	44,945
Oregon.....	20,436	8,475	42,476	12,913	10,090	274,789	104,566	312,463	147,024	109,234
California.....	6,097	1,493	18,396	7,027	62,925	67,531	18,679	185,820	70,683	524,451

## INDIVIDUAL CROPS

755

**Buckwheat.**—The 1930 general farm schedule called for the acreage and production of buckwheat in 1929. The principal feature of this crop is the continuous decrease since 1909. In the past 10 years, the acreage declined from 742,627 in 1919 to 621,854 in 1929.

PRODUCTION OF BUCKWHEAT, 5 LEADING STATES: 1929 AND 1924

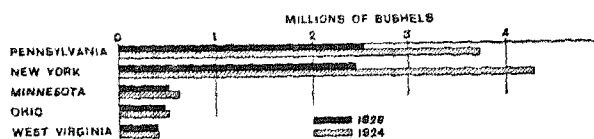
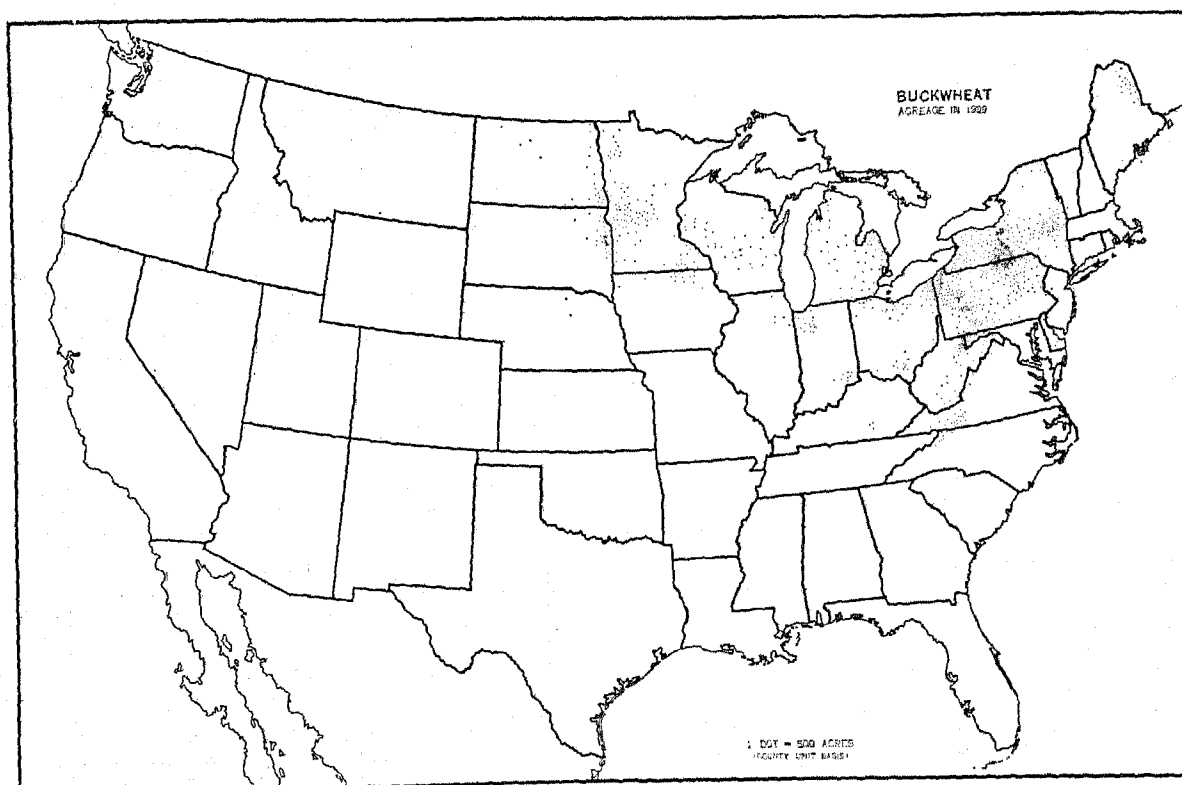


TABLE 25.—BUCKWHEAT—SUMMARY FOR THE UNITED STATES: 1849 TO 1929

(Statistics for divisions and States in Tables 26 and 27)

ITEM	1929	1924	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting.....	99,657	131,411	171,166	197,788	209,450					
Per cent of all farms.....	1.6	2.1	2.7	3.1						
Acreage.....	621,854	716,688	742,627	878,048	807,060	837,164	848,369			
Increase over preceding census <sup>1</sup> .....	-94,734	-26,939	-135,421	70,988	-30,104	-11,225				
Per cent of increase <sup>1</sup> .....	-13.2	-3.5	-15.4	8.8	-3.6	-1.3				
Average per farm reporting.....	6.2	5.5	4.3	4.4	3.9					
Production (bushels).....	8,359,011	12,063,699	12,690,394	14,849,332	11,233,515	12,110,349	11,617,327	9,521,721	17,571,818	8,956,912
Increase over preceding census <sup>1</sup> .....	-3,644,688	-686,685	-2,158,948	3,615,817	-876,834	238,022	1,995,606	-7,750,097	8,614,906	
Per cent of increase <sup>1</sup> .....	-30.4	-5.4	-14.5	32.2	-7.2	2.5	20.3	-44.1	96.2	
Average yield per acre.....	13.4	16.8	17.1	16.9	13.9	14.5	13.9			
Value.....	\$3,623,289	\$12,851,965	\$19,715,305	\$9,330,592	\$5,747,853					
Increase over preceding census <sup>1</sup> .....	-\$4,828,675	-\$9,893,340	\$10,384,713	\$3,882,739						
Per cent of increase <sup>1</sup> .....	-37.6	-34.8	111.3	42.3						
Average per bushel.....	\$0.68	\$1.07	\$1.55	\$0.83	\$0.51					
Average per acre.....	\$12.90	\$17.93	\$26.55	\$10.63	\$7.12					
Per cent that value of buckwheat formed of total value of all crops.....	0.1	(*)	0.1	0.2	0.2					

<sup>1</sup> A minus sign (-) denotes decrease. <sup>2</sup> The decrease, 1919 to 1929 was: Acreage, 16.3 per cent; production, 34.1 per cent; and value, 59.3 per cent. <sup>3</sup> Figures not available.



## AGRICULTURE

TABLE 26.—BUCKWHEAT—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929, 1924, AND 1919

DIVISION AND STATE	FARMS REPORTING			ACREAGE			PRODUCTION (BUSHELS)			VALUE		
	1929	1924	1919	1929	1924	1919	1929	1924	1919	1929	1924	1919
United States .....	99, 657	131, 411	171, 166	621, 554	716, 555	742, 627	8, 359, 011	12, 003, 669	12, 690, 384	\$9, 023, 289	\$12, 851, 065	\$19, 715, 805
GEOGRAPHIC DIVISIONS:												
New England.....	3, 398	4, 868	9, 074	13, 128	15, 763	22, 426	262, 857	306, 160	456, 702	239, 509	358, 015	776, 174
Middle Atlantic.....	59, 650	83, 268	110, 564	344, 005	427, 656	475, 822	5, 014, 301	8, 088, 472	8, 707, 520	4, 942, 281	8, 600, 069	13, 558, 005
East North Central.....	16, 165	20, 895	25, 349	104, 345	125, 794	116, 107	1, 272, 944	1, 717, 400	1, 763, 820	1, 169, 371	1, 867, 229	2, 731, 308
West North Central.....	7, 213	6, 941	4, 899	104, 627	78, 768	40, 576	940, 715	854, 400	487, 761	797, 240	886, 582	740, 802
South Atlantic.....	12, 237	14, 913	18, 603	50, 666	59, 703	74, 489	802, 043	865, 616	1, 079, 834	810, 557	1, 012, 251	1, 688, 002
East South Central.....	884	1, 486	2, 432	3, 956	8, 553	11, 212	40, 066	106, 329	119, 859	45, 343	122, 852	185, 610
West South Central.....	38	28	64	655	313	276	7, 092	4, 939	2, 609	6, 741	4, 044	4, 482
Mountain.....	54	2	75	343	14	1, 036	4, 671	90	7, 308	4, 125	90	14, 218
Pacific.....	18	10	106	129	24	639	2, 232	233	4, 902	2, 122	233	9, 804
NEW ENGLAND:												
Maine.....	2, 747	3, 361	4, 788	11, 344	12, 447	14, 364	229, 714	295, 848	315, 327	204, 870	278, 099	520, 291
New Hampshire.....	67	106	424	93	128	631	2, 175	2, 914	10, 940	2, 284	3, 207	20, 796
Vermont.....	367	1, 000	2, 047	1, 281	2, 310	4, 330	24, 178	49, 887	81, 346	24, 881	54, 875	150, 481
Massachusetts.....	86	195	679	249	543	1, 304	4, 323	11, 847	23, 238	4, 755	14, 000	40, 068
Rhode Island.....	4	3	29	8	10	29	101	170	402	120	221	883
Connecticut.....	97	203	1, 107	153	325	1, 768	2, 303	5, 494	25, 509	2, 599	6, 923	43, 365
MIDDLE ATLANTIC:												
New York.....	26, 053	39, 334	53, 061	171, 044	217, 819	217, 946	2, 452, 508	4, 294, 816	3, 901, 481	2, 416, 235	4, 533, 437	6, 242, 370
New Jersey.....	271	576	1, 793	1, 375	2, 873	8, 222	24, 596	51, 740	110, 309	27, 055	63, 639	182, 009
Pennsylvania.....	33, 326	43, 358	55, 710	171, 586	206, 964	249, 654	2, 537, 287	3, 741, 917	4, 755, 739	2, 498, 991	4, 002, 993	7, 133, 620
EAST NORTH CENTRAL:												
Ohio.....	5, 225	5, 418	6, 523	32, 340	34, 287	30, 413	484, 221	520, 468	640, 662	463, 065	557, 212	993, 034
Indiana.....	1, 054	1, 710	859	13, 240	15, 864	6, 048	175, 898	209, 873	73, 260	169, 418	239, 584	113, 558
Illinois.....	440	287	468	5, 738	2, 776	4, 138	71, 523	32, 522	52, 771	68, 415	39, 025	79, 171
Michigan.....	5, 934	9, 180	10, 209	33, 689	50, 478	41, 426	317, 356	673, 529	524, 004	269, 031	729, 977	812, 203
Wisconsin.....	3, 512	4, 291	7, 250	19, 338	22, 389	34, 082	223, 946	281, 008	473, 123	199, 442	301, 431	733, 342
WEST NORTH CENTRAL:												
Minnesota.....	4, 744	4, 526	3, 172	57, 348	55, 421	26, 022	516, 121	619, 658	321, 688	433, 131	644, 297	466, 449
Iowa.....	721	452	1, 173	8, 640	3, 867	6, 956	108, 235	43, 710	99, 587	102, 062	45, 899	109, 302
Missouri.....	54	66	178	583	397	1, 119	5, 504	3, 798	11, 165	5, 504	5, 319	18, 983
North Dakota.....	572	338	41	15, 017	8, 259	1, 286	110, 278	72, 417	7, 368	87, 607	65, 178	14, 736
South Dakota.....	1, 036	480	190	21, 498	9, 913	3, 356	192, 379	107, 900	28, 825	157, 223	118, 691	43, 241
Nebraska.....	77	99	112	1, 429	864	1, 598	12, 338	6, 485	17, 433	10, 126	8, 809	21, 380
Kansas.....	9	10	35	112	47	233	1, 890	432	1, 695	1, 587	389	2, 711
SOUTH ATLANTIC:												
Delaware.....	150	289	1, 042	1, 153	1, 967	9, 443	14, 661	22, 486	75, 059	14, 808	25, 859	108, 836
Maryland.....	1, 333	1, 617	2, 168	6, 448	6, 948	8, 736	118, 817	118, 625	168, 639	109, 299	131, 135	252, 963
District of Columbia.....			1			(1)			6			10
Virginia.....	3, 165	3, 917	4, 607	13, 797	10, 689	19, 354	183, 506	223, 066	232, 507	188, 084	246, 400	360, 390
West Virginia.....	5, 905	6, 954	8, 869	23, 381	27, 384	31, 095	400, 757	412, 497	537, 883	425, 104	602, 788	860, 616
North Carolina.....	1, 561	2, 136	1, 838	5, 360	6, 715	5, 539	69, 934	88, 942	63, 478	73, 954	106, 069	101, 565
South Carolina.....	57		167				2, 140			2, 302		
Georgia.....	60		78	360		322	3, 162			3, 006		4, 522
Florida.....									2, 202			
EAST SOUTH CENTRAL:												
Kentucky.....	426	928	1, 348	2, 372	6, 431	7, 605	24, 348	80, 930	73, 364	22, 490	89, 829	106, 380
Tennessee.....	458	558	1, 057	1, 584	2, 122	3, 532	21, 718	25, 399	46, 032	22, 853	33, 023	78, 256
Alabama.....			27			75			463			974
Mississippi.....												
WEST SOUTH CENTRAL:												
Arkansas.....	6	5	38	39	11	148	348	97	1, 383	332	97	2, 766
Louisiana.....												
Oklahoma.....	8	9		131	88		881	865		838	865	
Texas.....	24	14	26	485	214	128	5, 863	4, 037	1, 226	5, 671	3, 682	1, 716
MOUNTAIN:												
Montana.....	5		19	38		422	320		1, 412	256		2, 824
Idaho.....												
Wyoming.....												
Colorado.....	10	2	16	128	14	44	1, 436	90	506	1, 220	90	936
New Mexico.....	33		24	161		202	2, 433		2, 150	2, 190		3, 978
Arizona.....	3		7			123	102		485	97		970
Utah.....	3		9			8	380		121	362		242
Nevada.....			8			287			2, 634			5, 268
PACIFIC:												
Washington.....	7	2	36	92	2	102	1, 760	14	2, 277	1, 672	14	4, 554
Oregon.....	11	8	70	37	22	477	472	219	2, 625	450	219	5, 250
California.....												

1 Less than 1 acre.

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TABLE 27.—BUCKWHEAT—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1929

DIVISION AND STATE	ACREAGE							PRODUCTION (BUSHELIS)						
	1929	1924	1919	1909	1899	1889	1879	1929	1924	1919	1909	1899	1929	1879
<b>United States</b> .....	621,854	716,588	742,627	878,048	807,060	837,164	849,360	8,559,011	12,003,699	12,690,884	14,849,832	11,233,515	12,110,349	11,517,327
<b>GEOGRAPHIC DIVISIONS:</b>														
New England.....	13,128	15,703	22,420	28,725	42,767	45,461	59,272	262,857	366,160	456,762	602,715	507,330	890,428	1,030,843
Middle Atlantic.....	344,005	427,656	475,822	592,159	555,464	504,637	572,800	5,014,391	8,088,472	8,767,529	10,701,643	7,972,605	7,860,078	8,520,940
East North Central.....	104,345	125,794	116,107	139,971	123,357	180,867	115,498	1,272,944	1,717,400	1,763,820	1,897,474	1,427,420	2,246,027	1,260,964
West North Central.....	104,627	78,708	40,570	25,955	27,505	74,108	29,903	946,715	854,409	487,761	349,316	292,669	796,308	310,795
South Atlantic.....	50,666	59,703	74,489	84,894	55,642	28,978	62,271	802,043	865,619	1,079,834	1,216,608	704,147	277,897	608,896
East South Central.....	3,956	8,563	11,212	4,772	1,267	2,023	5,973	46,066	190,329	119,859	61,525	9,552	15,914	43,739
West South Central.....	655	313	276	121	107	487	140	7,092	4,069	2,609	957	924	6,337	1,083
Mountain.....	343	14	1,080	316	158	262	42	4,671	99	7,308	7,931	2,152	3,804	547
Pacific.....	129	24	639	1,165	893	941	1,490	2,232	233	4,002	21,133	16,710	13,496	31,020
<b>NEW ENGLAND:</b>														
Maine.....	11,344	12,447	14,364	15,552	25,292	22,395	20,135	229,714	295,848	315,327	316,782	468,320	466,411	382,701
New Hampshire.....	93	128	631	1,082	1,835	3,117	4,535	2,175	2,914	10,940	26,312	43,860	75,048	94,090
Vermont.....	1,281	2,310	4,330	7,659	9,910	13,429	17,649	24,178	49,857	81,346	174,394	196,010	271,216	350,618
Massachusetts.....	249	543	1,304	1,690	2,262	2,473	5,617	4,323	11,847	23,238	32,926	36,034	31,300	67,117
Rhode Island.....	8	10	29	35	45	41	105	104	170	402	550	650	349	1,254
Connecticut.....	153	325	1,768	2,707	3,423	4,006	11,231	2,863	5,494	25,509	51,751	62,962	46,104	137,563
<b>MIDDLE ATLANTIC:</b>														
New York.....	171,044	217,819	217,046	280,276	280,862	280,029	291,228	2,452,508	4,294,615	3,901,451	6,601,745	3,815,350	4,675,735	4,461,200
New Jersey.....	1,375	2,878	8,222	13,155	16,762	13,520	35,373	24,596	51,740	110,309	212,548	234,275	114,626	456,414
Pennsylvania.....	171,586	206,904	249,054	292,728	249,840	210,488	246,199	2,537,287	3,741,917	4,755,739	4,797,350	3,922,980	3,069,717	3,593,326
<b>EAST NORTH CENTRAL:</b>														
Ohio.....	32,840	34,287	30,413	26,073	13,071	14,052	22,130	484,221	520,468	640,662	483,410	164,305	162,833	280,229
Indiana.....	13,240	15,864	6,048	6,995	8,684	9,548	8,846	175,598	209,873	73,260	84,091	102,349	99,959	89,707
Illinois.....	5,738	2,776	4,138	4,606	6,220	9,763	16,457	71,523	32,522	62,771	68,125	65,950	107,080	178,859
Michigan.....	33,689	50,478	41,426	75,909	55,669	70,046	33,948	317,556	673,529	524,004	958,119	665,830	811,977	413,062
Wisconsin.....	19,338	22,389	34,082	26,208	39,713	77,458	34,117	223,946	281,068	473,123	302,829	489,895	1,064,178	299,107
<b>WEST NORTH CENTRAL:</b>														
Minnesota.....	57,348	55,421	26,022	10,309	6,700	22,090	3,677	516,121	619,658	321,688	144,861	82,687	281,705	41,756
Iowa.....	8,640	3,867	6,056	9,068	13,834	25,243	16,318	108,235	43,710	99,587	120,559	151,120	286,746	160,895
Missouri.....	583	397	1,119	1,076	2,715	2,802	5,463	5,604	3,798	11,165	20,289	21,480	28,440	67,640
North Dakota <sup>1</sup> .....	15,017	8,259	1,286	1,039	1,121	147	33	110,278	72,417	7,368	17,966	10,760	939	354
South Dakota <sup>1</sup> .....	21,498	9,913	3,566	1,904	232	1,561	258	192,379	107,900	28,826	28,551	2,790	11,423	2,167
Nebraska.....	1,429	864	1,598	1,205	980	15,358	1,666	12,338	6,485	17,433	9,576	8,629	120,000	17,562
Kansas.....	112	47	233	756	1,923	0,907	2,458	1,860	432	1,695	8,114	15,203	67,115	24,421
<b>SOUTH ATLANTIC:</b>														
Delaware.....	1,153	1,967	9,443	4,002	1,652	325	397	14,661	22,486	75,059	53,903	23,980	3,081	5,557
Maryland.....	6,448	6,948	8,736	10,383	8,047	7,569	10,294	118,817	118,625	168,639	152,216	115,950	96,747	136,667
Dist. of Columbia.....			(?)			2				6			20	
Virginia.....	13,797	16,089	19,354	25,481	19,251	5,170	16,463	183,566	223,066	232,507	332,222	244,321	41,189	136,004
West Virginia.....	23,381	27,384	31,095	33,323	21,410	13,096	30,334	409,757	412,497	537,883	533,070	267,257	120,409	285,298
North Carolina.....	5,300	6,715	5,539	11,606	5,168	1,800	5,725	69,934	88,942	63,478	144,186	52,572	12,621	44,608
South Carolina.....	167			9	10	65		2,146			84	41	472	
Georgia.....	300		322	55	4	332	58	3,162		2,262	327	26	3,162	402
Florida.....						19							126	
<b>EAST SOUTH CENTRAL:</b>														
Kentucky.....	2,372	6,431	7,605	1,887	84	384	1,024	24,348	30,930	73,364	18,074	879	3,804	9,942
Tennessee.....	1,584	2,122	3,532	2,867	1,173	1,231	4,007	21,718	25,399	46,032	33,249	8,597	7,143	33,434
Alabama.....			75	18	10	352	42			463	202	76	4,622	363
Mississippi.....						56							345	
<b>WEST SOUTH CENTRAL:</b>														
Arkansas.....	39	11	148	20	53	388	92	348	97	1,383	123	421	5,074	548
Louisiana.....				1							16			
Oklahoma <sup>2</sup> .....	131	88		43	13			881	865		375	170		
Texas.....	485	214	128	57	41	99	48	5,863	4,037	1,226	473	333	1,263	535
<b>MOUNTAIN:</b>														
Montana.....	38		422	84	9	13	34	320		1,412	1,809	168	128	437
Idaho.....				2	60	16					30	800	396	
Wyoming.....				61	13	20					1,210	245	140	
Colorado.....	128	14	44	49	27	117	8	1,436	90	506	798	226	2,081	110
New Mexico.....	161		292	7	6	81		2,433		2,150	102	73	744	
Arizona.....	7		123	40				102		485				
Utah.....	9		8	73	43	15		380		121	3,382	640	310	
Nevada.....			287							2,634				
<b>PACIFIC:</b>														
Washington.....	92	2	162	148	96	27	106	1,760	14	2,277	3,138	1,865	430	2,498
Oregon.....	37	22	477	168	402	250	372	472	219	2,625	3,314	7,010	2,678	6,215
California.....				849	395	664	1,012				14,681	7,835	10,388	22,307

<sup>1</sup> North Dakota and South Dakota admitted as States in 1889. Figures for 1879 obtained by consolidating data for the counties which then occupied the areas now known as North Dakota and South Dakota, respectively.

<sup>2</sup> Less than 1 acre.

<sup>3</sup> Figures for 1899 are for Oklahoma Territory alone, no data being available for Indian Territory.

AGRICULTURE

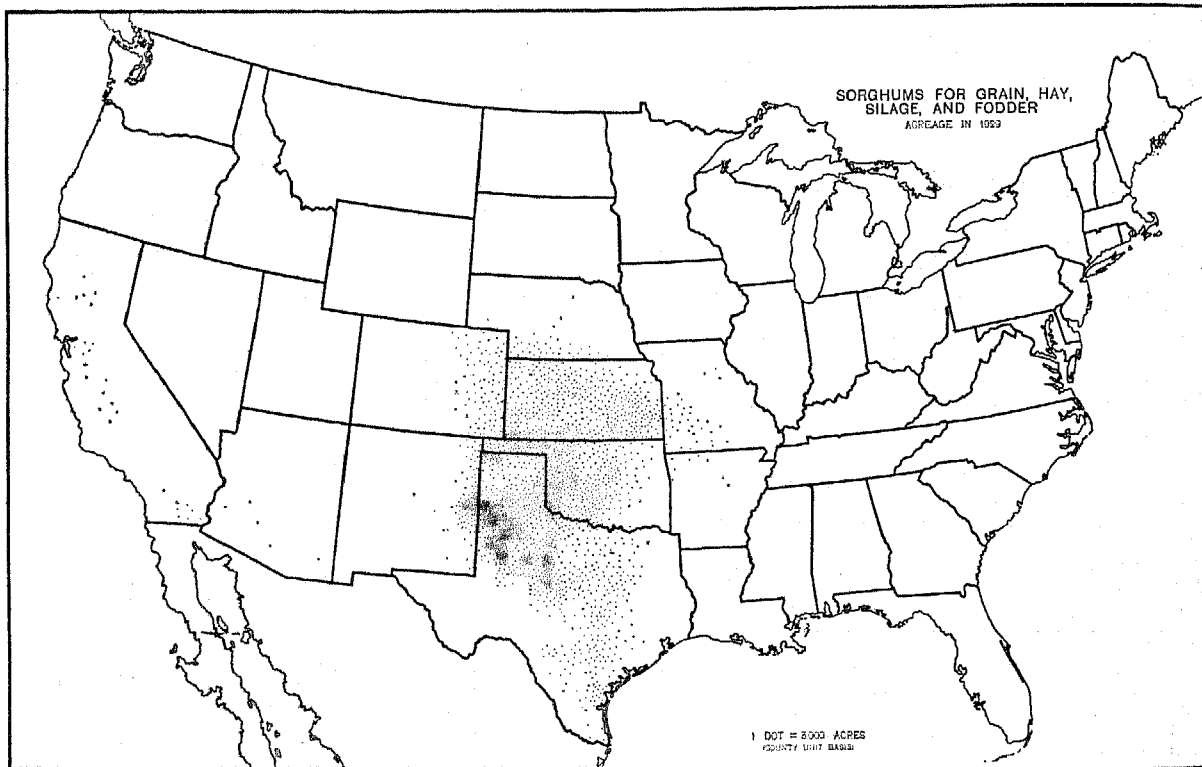
Emmer and spelt.—There was no specific inquiry on emmer and spelt on the 1930 or 1920 general farm schedules, hence it was necessary for the enumerator to write in the name of this crop on the schedule.

This may have affected the completeness of the returns. The acreage of emmer and spelt increased from 166,829 in 1919 to 344,324 in 1929 and production from 2,607,868 to 6,233,657 bushels.

TABLE 28.—EMMER AND SPELT—SUMMARY FOR THE UNITED STATES: 1909 TO 1929

[Statistics for divisions and States in Table 29]

ITEM	1929	1919	1909	ITEM	1929	1919	1909
Number of farms reporting.....	18,345	11,922	37,609	Production (bushels).....	6,233,657	2,007,868	12,702,710
Per cent of all farms.....	0.3	0.2	0.6	Average yield per acre.....	18.1	15.6	22.1
Acreage.....	344,324	166,829	573,622	Value.....	\$2,725,350	\$3,699,943	\$5,584,050
Average per farm reporting.....	18.8	14.0	15.3	Average per bushel.....	\$0.44	\$1.42	\$0.44
				Average per acre.....	\$7.92	\$22.18	\$9.73



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TABLE 29.—EMMER AND SPELT—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, WITH AVERAGES, BY DIVISIONS AND STATES: 1929 AND 1919

DIVISION AND STATE	FARMS REPORTING		ACREAGE		PRODUCTION (BUSHELS)		VALUE		AVERAGE YIELD PER ACRE (BUSHELS)		AVERAGE VALUE PER BUSHEL	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
	United States.....	16,345	11,922	344,324	166,529	6,233,657	2,607,868	\$2,725,350	\$3,666,943	18.1	15.6	\$0.44
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	6	65	57	321	1,238	7,229	1,052	14,458	21.7	22.5	0.85	2.00
Middle Atlantic.....	42	111	152	465	3,259	6,875	2,606	12,251	21.4	17.0	0.80	1.78
East North Central.....	2,230	1,432	11,414	5,936	310,622	125,030	222,714	211,649	27.2	21.1	0.72	1.69
West North Central.....	15,007	9,566	306,634	150,704	5,599,549	2,327,102	2,329,458	3,234,157	18.3	15.4	0.42	1.39
South Atlantic.....	3	14	9	42	203	861	184	1,619	22.6	20.5	0.91	1.88
East South Central.....		2		2		26		48		13.0		1.85
West South Central.....	16	140	290	1,689	4,860	47,036	3,402	70,080	16.8	27.8	0.70	1.50
Mountain.....	1,017	530	25,574	7,359	309,924	86,478	162,932	142,311	12.1	11.8	0.53	1.65
Pacific.....	24	62	194	371	4,002	7,211	3,002	12,770	20.6	19.4	0.75	1.77
<b>NEW ENGLAND:</b>												
Maine.....		4		7		135		270		19.3		2.00
New Hampshire.....		1		1		20		40		20.0		2.00
Vermont.....	6	60	57	313	1,238	7,074	1,052	14,148	21.7	22.6	0.85	2.00
Massachusetts.....												
Rhode Island.....												
Connecticut.....												
<b>MIDDLE ATLANTIC:</b>												
New York.....	19	80	64	303	1,164	4,513	930	8,352	18.2	14.9	0.80	1.85
New Jersey.....	3		26		605		484		23.3		0.80	
Pennsylvania.....	20	31	62	102	1,490	2,362	1,192	3,899	24.0	23.2	0.80	1.65
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	11	50	32	212	931	5,123	698	9,222	23.1	24.2	0.75	1.80
Indiana.....	12	26	73	214	1,964	6,968	1,414	11,497	26.9	32.6	0.72	1.65
Illinois.....	34	60	263	546	8,183	11,111	5,731	17,778	31.1	20.3	0.70	1.80
Michigan.....	605	649	3,870	2,674	30,017	51,353	63,016	87,307	23.3	19.2	0.70	1.70
Wisconsin.....	1,568	647	7,176	2,290	209,527	50,495	151,855	85,845	29.2	22.1	0.72	1.70
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	1,729	1,227	20,837	8,895	483,726	178,008	223,924	249,210	23.2	20.0	0.40	1.40
Iowa.....	267	117	3,761	839	112,576	18,125	59,809	27,193	29.9	21.6	0.53	1.50
Missouri.....	16	14	103	78	1,703	1,027	1,170	1,043	16.5	13.2	0.69	1.60
North Dakota.....	5,056	2,703	107,532	49,662	1,559,265	513,865	686,077	822,183	14.5	10.3	0.44	1.60
South Dakota.....	7,080	4,809	150,603	79,688	2,993,490	1,451,018	1,142,299	1,886,327	19.9	18.2	0.38	1.80
Nebraska.....	843	673	23,475	11,251	444,638	160,485	213,867	240,738	18.9	14.3	0.48	1.50
Kansas.....	11	23	323	291	4,151	4,574	2,252	6,863	12.9	15.7	0.54	1.60
<b>SOUTH ATLANTIC:</b>												
Delaware.....		1		5		48		96		9.6		2.00
Maryland.....	1	4	2	6	50	133	40	239	25.0	22.2	0.80	1.80
District of Columbia.....												
Virginia.....	1	3	5	21	125	512	119	973	25.0	24.4	0.95	1.90
West Virginia.....	1	6	2	10	23	168	25	311	14.0	16.8	0.89	1.85
North Carolina.....												
South Carolina.....												
Georgia.....												
Florida.....												
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....												
Tennessee.....		2		2		20		48		13.0		1.85
Alabama.....												
Mississippi.....												
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....		17		22		295		561		13.4		1.90
Louisiana.....												
Oklahoma.....	8	22	110	214	1,800	3,701	1,260	5,554	16.4	17.3	0.70	1.60
Texas.....	8	101	180	1,453	3,060	43,040	2,142	64,565	17.0	20.6	0.70	1.80
<b>MOUNTAIN:</b>												
Montana.....	425	171	8,842	2,125	102,289	13,838	52,468	24,220	11.6	6.5	0.51	1.75
Idaho.....	8	18	89	96	2,956	1,610	2,217	3,170	33.2	18.9	0.75	1.75
Wyoming.....	289	63	6,800	942	107,448	6,452	55,483	11,613	15.8	6.8	0.52	1.80
Colorado.....	287	225	9,695	3,701	95,623	52,832	51,639	84,529	9.9	14.3	0.54	1.60
New Mexico.....	8	45	148	462	1,608	10,707	1,125	17,131	10.9	23.2	0.70	1.60
Arizona.....		4		24		534		1,068		22.3		2.00
Utah.....		4		9		305		580		33.9		1.90
Nevada.....												
<b>PACIFIC:</b>												
Washington.....	4	25	21	181	398	2,981	299	5,365	19.0	16.5	0.75	1.80
Oregon.....	19	37	153	190	3,104	4,230	2,328	7,405	20.3	22.3	0.75	1.75
California.....	1		20		500		375		25.0		0.75	



**Grain sorghums.**—Crops included under this heading are cereals belonging to the sorghum family which are noted for their resistance to drought. The grain is used primarily for feeding livestock, and the stalks, if cut before they are entirely ripe, make valuable fodder. The acreage cut for fodder depends upon the weather. The inquiries on the 1930 and 1925 general farm schedules called for acreage and production of sorghums harvested for grain, either threshed or fed in the head after

cutting from the stalk. Sorghums were intended to include kafir, milo, feterita, durra, "Egyptian corn," sweet sorghum, and "cane".

The inquiry on the 1920 general farm schedule called for the acreage and production of kafir, milo, feterita, and durra. Sorghums for seed were secured separately, but acreage and production are included in the historical table in this chapter in order to arrive at totals which are fairly comparable.

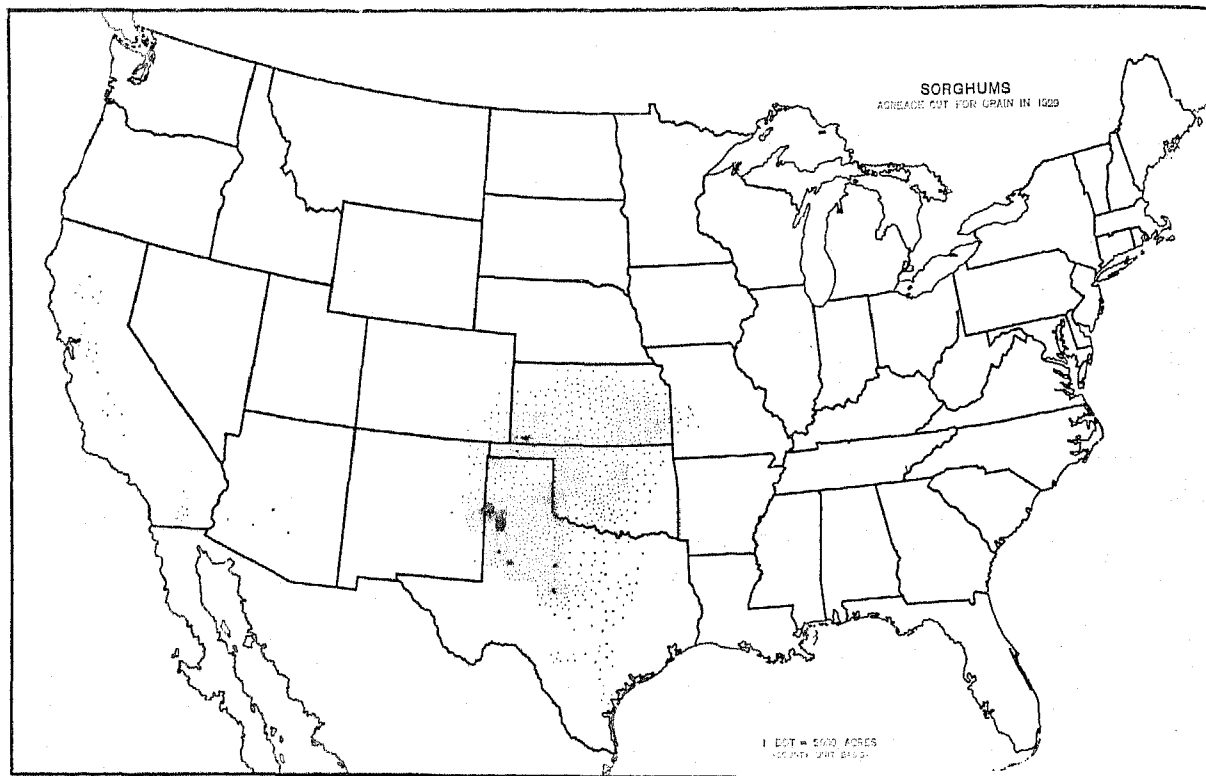


TABLE 30.—SORGHUMS FOR GRAIN<sup>1</sup>—SUMMARY FOR THE UNITED STATES: 1909 TO 1929

[Statistics for divisions and States in Tables 31 and 32]

ITEM	1929	1924	1919	1909	ITEM	1929	1924	1919	1909
Number of farms reporting .....	167,723	.....	120,947	97,574	Value.....	\$32,640,336	\$52,321,330	\$92,524,296	\$11,361,202
Per cent of all farms.....	2.7	.....	2.0	1.5	Increase over preceding census <sup>2</sup> .....	-\$10,680,994	-\$40,202,960	\$81,163,034	.....
Acreage.....	3,521,903	3,525,667	3,725,997	1,707,650	Per cent of increase <sup>3</sup> .....	-37.6	-43.5	714.4	.....
Increase over preceding census <sup>4</sup> .....	-3,764	-200,330	2,018,347	.....	Average per bushel.....	\$0.67	\$0.89	\$1.26	\$0.62
Per cent of increase <sup>5</sup> .....	-0.1	-5.4	118.2	.....	Average per acre.....	\$9.27	\$14.84	\$24.83	\$6.65
Production (bushels).....	149,080,233	58,700,092	73,653,670	18,431,012	Per cent that value of sorghums for grain formed of total value of all crops.....	0.40	(6)	0.63	0.22
Increase over preceding census <sup>4</sup> .....	-9,619,859	-14,953,573	55,222,658	.....					
Per cent of increase <sup>5</sup> .....	-16.4	-20.3	290.6	.....					
Average yield per acre.....	13.9	16.6	19.8	10.8					

<sup>1</sup> Includes sorghums for grain and sorghums for seed, which were reported separately in 1919 and 1909.

<sup>2</sup> Farms reporting sorghums for grain.

<sup>3</sup> Includes corrections for slight error in sorghum figures for Knox, Mitchell, and Nolan Counties, Texas.

<sup>4</sup> A minus sign (-) denotes decrease.

<sup>5</sup> The decrease, 1919 to 1929 was: Acreage, 5.5 per cent; production, 33.4 per cent; and value, 64.7 per cent.

<sup>6</sup> Figures not available.

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**TABLE 31.—SORGHUMS (EXCLUDING SWEET SORGHUM FOR SIRUP)—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE OF SORGHUMS HARVESTED FOR GRAIN, AND SORGHUMS CUT FOR SILAGE, HAY, OR FODDER, BY DIVISIONS AND STATES, 1929**

DIVISION AND STATE	TOTAL OF SORGHUMS FOR GRAIN AND SORGHUMS FOR SILAGE, HAY, OR FODDER		SORGHUMS HARVESTED FOR GRAIN					SORGHUMS CUT FOR SILAGE, HAY, OR FODDER			
	Farms reporting	Acres	Farms reporting	Acres		Production (bushels)	Value	Farms reporting	Acreage	Production (tons)	Value
				Number	Per cent of total						
United States.....	508,716	17,877,822	167,723	13,521,903	44.7	149,080,233	\$52,640,336	421,712	14,355,919	16,399,385	\$54,742,950
<b>GEOGRAPHIC DIVISIONS:</b>											
New England.....	133	348	3	4	1.1	90	90	131	344	1,475	12,882
Middle Atlantic.....	327	1,131	61	336	29.7	5,616	5,616	277	795	1,800	16,537
East North Central.....	1,004	3,578	106	411	11.5	8,211	8,572	910	3,167	5,706	42,644
West North Central.....	120,204	1,826,949	45,376	762,400	41.7	11,086,838	6,977,607	91,367	1,664,549	2,202,680	11,054,212
South Atlantic.....	21,131	45,074	869	1,732	3.8	26,419	36,311	20,336	43,342	71,304	897,471
East South Central.....	51,180	101,956	1,691	3,753	3.7	50,454	65,499	49,635	98,203	105,484	2,106,058
West South Central.....	292,742	5,187,284	111,313	2,452,122	47.3	32,688,837	21,528,893	242,287	2,735,162	3,420,458	136,921,986
Mountain.....	18,211	633,276	4,974	227,853	36.0	3,465,910	2,172,748	16,244	405,423	466,993	3,568,960
Pacific.....	3,784	78,226	3,330	73,292	93.7	1,847,858	1,850,000	525	4,934	13,485	122,221
<b>NEW ENGLAND:</b>											
Maine.....	57	148	1	1	0.7	50	50	56	147	499	4,392
New Hampshire.....	3	5						3	5	13	117
Vermont.....	45	111						45	111	660	5,411
Massachusetts.....	12	35	1	1	2.9	25	25	12	31	130	1,298
Rhode Island.....	6	21	1	2	8.3	15	15	5	22	39	410
Connecticut.....	10	25						10	25	128	1,254
<b>MIDDLE ATLANTIC:</b>											
New York.....	260	854	38	219	25.6	3,448	3,448	227	635	1,515	13,899
New Jersey.....	14	69						14	69	102	1,020
Pennsylvania.....	53	208	23	117	56.3	2,168	2,168	36	91	183	1,618
<b>EAST NORTH CENTRAL:</b>											
Ohio.....	186	465	11	28	6.0	558	558	176	437	840	6,350
Indiana.....	255	606	23	60	9.9	1,007	1,007	237	546	1,220	8,296
Illinois.....	488	2,163	52	206	9.5	3,531	3,892	441	1,957	2,966	23,221
Michigan.....	30	144	5	33	22.9	780	780	25	111	298	2,206
Wisconsin.....	45	200	15	84	42.0	2,335	2,335	31	116	352	2,571
<b>WEST NORTH CENTRAL:</b>											
Minnesota.....	310	1,532	24	157	10.2	2,535	2,282	296	1,375	3,655	24,490
Iowa.....	638	3,126	53	332	10.6	4,136	3,937	589	2,794	8,352	56,792
Missouri.....	23,135	119,311	5,210	30,275	25.4	375,861	282,223	18,831	89,036	147,493	864,837
North Dakota.....	467	5,214	7	41	0.8	550	469	461	5,173	5,033	36,746
South Dakota.....	1,235	15,655	39	386	2.5	4,587	3,901	1,206	15,269	20,878	152,414
Nebraska.....	15,094	137,862	647	3,692	2.7	43,349	32,528	14,752	134,170	221,550	1,269,812
Kansas.....	79,316	1,544,249	39,396	727,517	47.1	10,655,820	6,652,267	55,232	816,732	1,795,719	8,649,121
<b>SOUTH ATLANTIC:</b>											
Delaware.....											
Maryland.....	28	118	4	5	4.2	108	108	24	113	242	1,995
District of Columbia.....											
Virginia.....	870	2,604	80	137	5.3	1,902	2,175	798	2,467	4,182	40,688
West Virginia.....	167	353	18	33	9.3	606	606	149	320	570	5,401
North Carolina.....	4,849	8,748	100	181	2.1	2,839	3,555	4,758	8,567	15,291	198,163
South Carolina.....	4,014	9,901	187	457	4.6	5,985	7,984	4,741	9,444	18,691	271,774
Georgia.....	10,153	22,896	445	834	3.6	13,895	20,110	9,752	22,062	31,247	363,238
Florida.....	150	454	35	85	18.7	1,084	1,773	116	369	1,081	16,217
<b>EAST SOUTH CENTRAL:</b>											
Kentucky.....	15,357	25,329	333	639	2.5	7,616	9,434	15,049	24,690	54,197	514,899
Tennessee.....	19,220	34,650	611	1,210	3.5	17,124	20,549	18,656	33,440	71,158	784,115
Alabama.....	10,072	20,767	342	667	3.2	8,978	12,557	9,763	20,100	31,196	381,487
Mississippi.....	6,531	21,210	405	1,237	5.8	16,736	22,959	6,167	19,973	38,933	475,557
<b>WEST SOUTH CENTRAL:</b>											
Arkansas.....	18,759	53,163	923	2,929	5.5	33,974	37,878	18,020	50,234	68,441	525,008
Louisiana.....	1,730	3,371	318	856	25.4	14,079	17,493	1,422	2,515	5,160	64,888
Oklahoma.....	83,716	1,441,288	43,408	747,624	51.9	8,772,398	6,085,570	58,798	603,664	924,521	6,350,459
Texas.....	188,537	3,689,462	66,664	1,700,713	46.1	23,768,386	15,402,952	184,047	1,988,749	2,422,346	20,681,631
<b>MOUNTAIN:</b>											
Montana.....	73	866	1	1	0.1	10	9	73	865	655	5,249
Idaho.....	4	34						4	34	51	388
Wyoming.....	162	2,353	3	17	0.7	287	244	160	2,336	2,942	21,911
Colorado.....	10,525	279,779	1,163	35,930	12.8	388,113	236,292	10,077	243,849	270,856	1,754,375
New Mexico.....	6,091	332,683	3,080	183,343	55.1	2,557,836	1,728,000	5,223	149,540	187,548	1,545,588
Arizona.....	1,247	16,881	691	8,401	49.8	215,367	204,550	631	8,480	23,900	233,006
Utah.....	80	362	21	80	22.1	1,917	1,629	61	282	937	7,589
Nevada.....	20	118	15	81	68.6	2,350	2,024	15	37	104	863
<b>PACIFIC:</b>											
Washington.....	21	49	6	14	28.6	315	268	15	35	192	1,420
Oregon.....	15	95	2	4	4.2	100	85	13	91	173	1,407
California.....	3,748	78,682	3,322	73,274	93.8	1,847,443	1,810,647	497	4,808	13,120	119,394

## AGRICULTURE

TABLE 32.—SORGHUMS HARVESTED FOR GRAIN—FARMS REPORTING, 1929 AND 1919; ACREAGE, PRODUCTION, AND VALUE, 1929, 1924, AND 1919; BY DIVISIONS AND STATES

DIVISION AND STATE	FARMS REPORTING		ACREAGE			PRODUCTION (BUSHELS)			VALUE		
	1929	1919 <sup>2</sup>	1929	1924	1919	1929	1924	1919	1929	1924	1919
United States.....	167,723	129,947	3,521,903	3,525,607	3,725,997	49,080,233	68,700,092	73,653,670	\$32,640,336	\$52,321,330	\$92,524,266
<b>GEOGRAPHIC DIVISIONS:</b>											
New England.....	3	4	4		6	90		138	90		207
Middle Atlantic.....	61	386	336	306	1,945	5,616	6,164	30,801	5,616	7,396	48,283
East North Central.....	109	97	411	483	624	8,211	6,160	7,810	8,572	8,027	11,942
West North Central.....	45,376	29,242	762,400	1,155,195	602,682	11,086,838	19,469,908	8,442,158	6,977,607	16,563,111	11,384,759
South Atlantic.....	869	124	1,732	1,943	398	26,410	16,667	5,338	36,311	28,235	11,006
East South Central.....	1,691	147	3,753	3,964	945	50,454	36,678	13,727	65,499	57,407	29,407
West South Central.....	111,313	84,797	2,452,122	2,118,190	2,667,435	32,588,837	35,378,995	54,815,580	21,523,893	31,554,842	65,969,742
Mountain.....	4,974	7,953	227,853	179,753	284,011	3,465,910	2,842,099	6,283,029	2,172,748	2,875,412	8,174,418
Pacific.....	3,330	7,107	73,262	35,833	167,951	1,847,858	943,421	4,055,086	1,850,000	1,226,800	6,894,532
<b>NEW ENGLAND:</b>											
Maine.....	1		1			50			50		
New Hampshire.....		4			0			138			207
Vermont.....											
Massachusetts.....	1		1			25			25		
Rhode Island.....	1		2			15			15		
Connecticut.....											
<b>MIDDLE ATLANTIC:</b>											
New York.....	38	41	219	175	137	3,448	3,792	2,404	3,448	4,550	4,208
New Jersey.....		9		11	39		113	499		136	824
Pennsylvania.....	23	336	117	120	1,769	2,168	2,259	27,901	2,168	2,710	43,251
<b>EAST NORTH CENTRAL:</b>											
Ohio.....	11	2	23	29	7	558	899	65	558	1,043	98
Indiana.....	23	46	60	53	335	1,007	696	4,444	1,007	715	6,072
Illinois.....	52	30	206	311	159	3,531	3,175	1,864	3,892	4,444	3,014
Michigan.....	5		33			780			780		
Wisconsin.....	15	19	84	90	123	2,335	1,520	1,437	2,335	1,825	2,158
<b>WEST NORTH CENTRAL:</b>											
Minnesota.....	24	3	157	135	13	2,535	2,625	72	2,282	2,028	94
Iowa.....	53	73	332	338	518	4,136	6,641	6,900	3,937	7,642	10,066
Missouri.....	5,210	2,480	30,275	44,777	10,897	375,861	656,529	168,939	282,223	755,008	273,614
North Dakota.....	7	14	41	209	434	550	2,244	1,152	499	2,244	1,612
South Dakota.....	39		386	1,647	162	4,587	22,401	2,174	3,001	22,401	4,348
Nebraska.....	647	292	3,692	7,880	6,259	43,349	93,262	83,856	32,528	63,969	132,841
Kansas.....	39,396	26,380	727,517	1,130,209	584,399	10,655,820	18,686,175	8,189,065	6,652,267	15,089,221	10,961,584
<b>SOUTH ATLANTIC:</b>											
Delaware.....											
Maryland.....	4	6	5	9	7	108	129	138	108	155	205
District of Columbia.....											
Virginia.....	80		137	174	11	1,902	2,612	272	2,175	3,657	572
West Virginia.....	18	40	33	87	133	606	1,019	1,888	606	1,224	3,309
North Carolina.....	100	13	181	22	45	2,839	113	558	3,555	172	1,516
South Carolina.....	187		457	245	42	5,985	2,518	520	7,984	4,776	1,560
Georgia.....	445		834	1,301	80	13,895	8,769	197	20,110	15,217	692
Florida.....	35	65	85	105	130	1,084	1,517	1,705	1,773	3,034	3,062
<b>EAST SOUTH CENTRAL:</b>											
Kentucky.....	333	40	639	996	242	7,616	9,770	3,429	9,434	15,634	7,131
Tennessee.....	611	34	1,210	1,570	392	17,124	15,950	6,163	20,549	23,143	13,462
Alabama.....	342	46	667	850	233	8,978	6,226	3,315	12,557	10,591	7,258
Mississippi.....	405	27	1,237	548	78	16,736	4,723	830	22,069	8,039	1,550
<b>WEST SOUTH CENTRAL:</b>											
Arkansas.....	923	409	2,929	4,335	1,051	33,974	43,863	14,509	37,878	65,978	29,658
Louisiana.....	318	20	856	101	45	14,079	813	745	17,493	975	1,230
Oklahoma.....	43,408	41,824	747,624	914,020	1,171,617	8,772,398	12,227,244	18,138,105	6,065,570	10,984,427	23,674,344
Texas.....	66,664	42,544	1,700,713	1,199,734	1,494,722	23,768,386	23,107,075	36,662,221	15,402,952	20,503,462	42,264,510
<b>MOUNTAIN:</b>											
Montana.....	1	3	1	89	4	10	799	23	9	799	38
Idaho.....											
Wyoming.....	3	3	17	195	37	287	1,004	333	244	1,004	588
Colorado.....	1,163	2,785	35,930	37,027	95,220	388,113	318,279	1,577,508	236,292	292,819	1,999,630
New Mexico.....	3,080	3,610	183,343	134,069	154,505	2,857,836	2,325,993	3,845,062	1,728,000	2,325,993	4,876,993
Arizona.....	691	1,545	8,401	8,365	34,214	215,367	195,904	859,600	204,550	254,677	1,296,137
Utah.....	21	4	80		26	1,917		378	1,629		842
Nevada.....	15	3	81	8	5	2,380	120	125	2,024	120	200
<b>PACIFIC:</b>											
Washington.....	6	5	14		3	315		76	268		136
Oregon.....	2	9	4	4	118	100	100	3,521	85	100	6,339
California.....	3,322	7,183	73,274	35,829	167,830	1,847,443	943,321	4,051,489	1,849,047	1,226,800	6,888,057

<sup>1</sup> Includes sorghums for grain and sorghums for seed, which were reported separately in 1910.

<sup>2</sup> Farms reporting sorghums for grain.

<sup>3</sup> Includes corrections for slight error in sorghum figures for Knox, Mitchell, and Nolan Counties, Texas.

## INDIVIDUAL CROPS

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Rice.—The 1930 general farm schedule called for the acreage and production of rice in 1929. The inquiries on rice at the previous censuses were practically the same as those on the 1930 farm schedule. The acreage of rice decreased from 911,272 in 1919 to 740,588 in

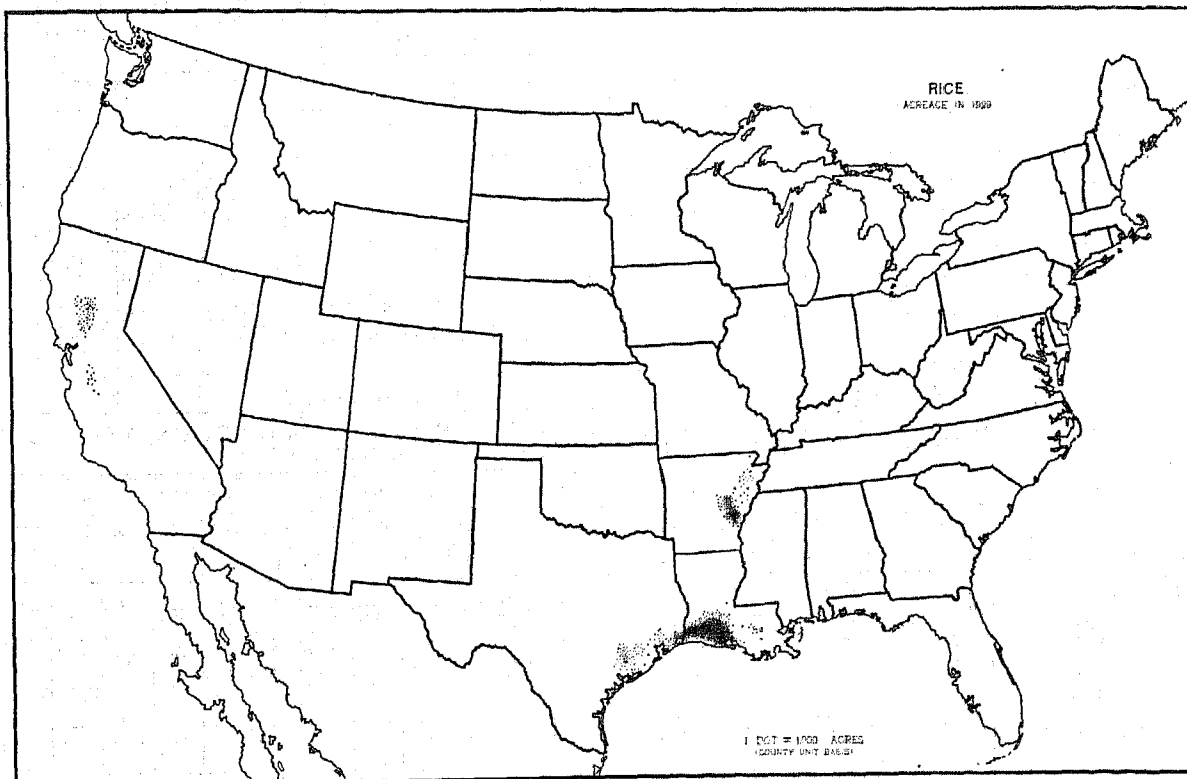
1929. Rice is disappearing in the States on the Atlantic seaboard. Practically all the rice grown in 1929 was raised in Louisiana, Arkansas, Texas, and California. The general trend has been toward larger acreage, per farm, since 1899.

**TABLE 33.—RICE (ROUGH)—SUMMARY FOR THE UNITED STATES: 1849 TO 1929**

[Statistics for divisions and States in Tables 34, 35, and 36]

ITEM	1929	1924	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting.....	8,945	11,476	20,310	13,708	47,651					
Per cent of all farms.....	0.1	0.2	0.3	0.2	0.8					
<b>Acreage.....</b>	<b>740,588</b>	<b>744,033</b>	<b>911,272</b>	<b>610,175</b>	<b>342,214</b>	<b>161,312</b>	<b>174,173</b>			
Increase over preceding census <sup>1</sup> .....	-3,445	-107,239	301,097	267,961	189,562	-12,861				
Per cent of increase <sup>1</sup> .....	-0.5	-15.4	49.3	78.3	112.1	-7.4				
Average per farm reporting.....	82.8	64.8	44.9	44.6	7.2					
<b>Production (bushels).....</b>	<b>33,468,983</b>	<b>29,525,543</b>	<b>35,330,912</b>	<b>21,838,580</b>	<b>9,092,886</b>	<b>4,625,573</b>	<b>3,961,560</b>	<b>2,648,742</b>	<b>6,732,627</b>	<b>7,745,090</b>
Increase over preceding census <sup>1</sup> .....	3,943,440	-5,805,369	13,492,332	12,835,094	4,377,313	664,013	1,312,818	-4,083,885	-1,012,463	
Per cent of increase <sup>1</sup> .....	13.4	-16.4	61.8	142.6	94.6	16.8	49.6	-60.7	-13.1	
Average yield per acre.....	45.2	39.7	34.8	35.8	26.3	28.7	22.7			
<b>Value.....</b>	<b>\$32,932,931</b>	<b>\$42,536,686</b>	<b>\$97,194,481</b>	<b>\$16,019,607</b>	<b>\$6,329,562</b>					
Increase over preceding census <sup>1</sup> .....	-\$9,093,755	-\$64,657,795	\$81,174,874	\$9,690,045						
Per cent of increase <sup>1</sup> .....	-22.6	-50.2	506.7	153.1						
Average per bushel.....	\$0.98	\$1.44	\$2.75	\$0.73	\$0.70					
Average per acre.....	\$44.47	\$67.17	\$106.66	\$26.25	\$18.50					
Per cent that value of rice formed of total value of all crops.....	0.4	(*)	0.7	0.3	0.2					

<sup>1</sup> A minus sign (-) denotes decrease.  
<sup>2</sup> The decrease, 1919 to 1929 was: Acreage, 18.7 per cent; production, 5.3 per cent; and value, 66.1 per cent.  
<sup>3</sup> Figures not available.



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TABLE 34.—RICE (ROUGH)—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929, 1924, AND 1919

DIVISION AND STATE	FARMS REPORTING			ACREAGE			PRODUCTION (BUSHELS)			VALUE		
	1929	1924	1919	1929	1924	1919	1929	1924	1919	1929	1924	1919
United States.....	8,945	11,476	20,310	740,588	744,033	911,272	33,468,983	29,525,543	35,330,912	\$32,032,031	\$42,536,088	\$97,194,481
<b>GEOGRAPHIC DIVISIONS:</b>												
West North Central.....	2	12	3	269	1,517	705	11,316	60,420	29,825	10,750	84,588	79,036
South Atlantic.....	2,062	4,389	8,758	3,060	6,818	13,213	52,426	100,336	225,099	63,721	154,243	640,571
East South Central.....	91	165	2,000	189	288	2,254	2,781	4,268	32,463	2,781	6,828	75,592
West South Central.....	6,389	6,616	9,058	654,626	663,769	764,651	28,434,112	25,800,253	28,115,162	27,688,597	36,238,576	75,001,222
Mountain.....			1			82			2,050			5,433
Pacific.....	371	294	490	82,444	71,641	130,367	4,968,348	3,560,266	6,920,313	5,167,082	6,052,452	20,432,027
<b>WEST NORTH CENTRAL:</b>												
Missouri.....	2	12	3	269	1,517	705	11,316	60,420	29,825	10,750	84,588	79,036
<b>SOUTH ATLANTIC:</b>												
North Carolina.....	2	1	116	3	1	172	53	25	3,766	69	38	10,545
South Carolina.....	1,270	2,772	3,685	1,849	4,461	6,547	29,203	63,028	122,405	39,425	94,548	355,150
Georgia.....	639	1,129	3,064	857	1,682	4,103	18,292	25,694	59,711	18,424	41,115	167,189
Florida.....	181	487	1,893	321	674	2,391	4,878	11,589	39,157	5,803	18,542	107,687
<b>EAST SOUTH CENTRAL:</b>												
Tennessee.....			5			45			43			115
Alabama.....	55	135	778	147	236	1,038	1,857	3,428	14,279	1,857	5,484	32,846
Mississippi.....	36	30	1,217	42	52	1,171	924	840	18,141	924	1,344	42,631
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	1,077	1,226	1,201	146,588	166,249	143,211	6,958,105	7,107,917	6,797,126	6,720,853	9,951,084	18,352,240
Louisiana.....	4,897	4,715	6,989	402,422	351,694	456,959	16,317,463	12,289,275	16,011,667	15,708,029	17,323,205	42,761,150
Texas.....	415	675	868	105,616	145,626	164,481	5,158,544	6,403,061	5,306,369	5,261,715	8,904,286	14,867,832
<b>MOUNTAIN:</b>												
New Mexico.....			1			82			2,050			5,433
<b>PACIFIC:</b>												
California.....	371	294	490	82,444	71,641	130,367	4,968,348	3,560,266	6,920,313	5,167,082	6,052,452	20,432,027

TABLE 35.—RICE (ROUGH)—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1929

DIVISION AND STATE	ACREAGE							PRODUCTION (BUSHELS)						
	1929	1924	1919	1909	1899	1889	1879	1929	1924	1919	1909	1899	1889	1879
United States.....	740,588	744,033	911,272	610,175	542,214	161,312	174,178	33,468,983	29,525,543	35,330,912	21,838,580	9,002,886	4,625,578	3,061,560
<b>GEOGRAPHIC DIVISIONS:</b>														
West North Central.....	269	1,517	705	10				11,316	60,420	29,825	15			
South Atlantic.....	3,060	6,818	13,213	27,080	127,869	74,395	126,758	52,426	100,336	225,099	713,966	2,470,725	1,861,653	3,034,210
East South Central.....	189	288	2,254	560	4,424	2,353	5,080	2,781	4,268	32,463	10,006	59,934	38,705	91,602
West South Central.....	654,626	663,769	764,651	582,523	210,421	84,564	42,335	28,434,112	25,800,253	28,115,162	21,114,548	6,472,227	2,725,215	830,348
Mountain.....			82	2						2,050				
Pacific.....	82,444	71,641	130,367					4,968,348	3,560,266	6,920,313				
<b>WEST NORTH CENTRAL:</b>														
Minnesota.....				10							15			
Missouri.....	269	1,517	705					11,316	60,420	29,825				
<b>SOUTH ATLANTIC:</b>														
Virginia.....				25	3							157	13	
North Carolina.....	3	1	172	521	22,279	12,241	10,846	53	25	3,766	11,357	283,906	210,302	201,769
South Carolina.....	1,849	4,461	6,547	19,491	77,657	42,238	78,388	29,203	63,028	122,465	541,570	1,703,602	1,091,329	1,875,292
Georgia.....	887	1,682	4,103	6,445	21,998	18,120	34,973	18,292	25,694	59,711	148,698	401,963	523,013	912,578
Florida.....	321	674	2,391	623	5,410	1,787	2,351	4,878	11,589	39,157	12,341	81,097	36,890	46,571
<b>EAST SOUTH CENTRAL:</b>														
Tennessee.....			45							43				
Alabama.....	147	236	1,038	279	2,329	810	1,570	1,857	3,428	14,279	5,170	33,343	14,362	29,169
Mississippi.....	42	52	1,171	281	2,045	1,543	3,501	924	840	18,141	4,890	26,591	24,343	61,833
<b>WEST SOUTH CENTRAL:</b>														
Arkansas.....	146,588	166,249	143,211	27,419	25	9		6,958,105	7,107,917	6,797,126	1,282,830	310	256	
Louisiana.....	402,422	351,694	456,959	317,518	201,655	84,377	42,000	16,317,463	12,289,275	16,011,667	10,839,973	6,213,397	2,721,050	834,112
Texas.....	105,616	145,626	164,481	237,580	8,711	178	335	5,158,544	6,403,061	5,306,369	8,901,745	258,520	3,900	2,236
<b>MOUNTAIN:</b>														
New Mexico.....			82	2						2,050	45			
<b>PACIFIC:</b>														
California.....	82,444	71,641	130,367					4,968,348	3,560,266	6,920,313				

TABLE 36.—RICE (ROUGH)—PER CENT DISTRIBUTION OF ACREAGE AND OF PRODUCTION, AND AVERAGE YIELD PER ACRE, BY DIVISIONS AND STATES: 1879 TO 1929

DIVISION AND STATE	PER CENT OF UNITED STATES ACREAGE							PER CENT OF UNITED STATES PRODUCTION							AVERAGE YIELD PER ACRE (BUSHELS)						
	1929	1924	1919	1909	1899	1889	1879	1929	1924	1919	1909	1899	1889	1879	1929	1924	1919	1909	1899	1889	1879
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	45.2	39.7	38.8	35.8	28.3	28.7	22.7
<b>GEOGRAPHIC DIVISIONS:</b>																					
West North Central.....	0.04	0.20	0.08	( <sup>1</sup> )				0.03	0.20	0.08	( <sup>1</sup> )				42.1	39.8	42.3	1.5			
South Atlantic.....	0.41	0.92	1.45	4.44	37.22	46.12	72.78	0.16	0.34	0.64	3.27	27.44	40.25	76.50	17.1	14.7	17.0	26.4	19.4	25.0	23.9
East South Central.....	0.03	0.04	0.25	0.09	1.29	1.46	2.92	0.01	0.01	0.09	0.05	0.07	0.84	2.30	14.7	14.8	14.4	17.9	13.5	16.4	17.9
West South Central.....	88.39	89.21	83.91	95.47	61.49	52.42	24.21	84.96	87.38	79.58	96.68	71.89	68.92	21.11	43.4	38.9	30.8	36.2	30.8	32.2	19.8
Mountain.....			0.01	( <sup>1</sup> )						0.01	( <sup>1</sup> )						25.0				
Pacific.....	11.13	9.63	14.31					14.84	12.06	19.60					60.3	49.7	53.1				
<b>WEST NORTH CENTRAL:</b>																					
Minnesota.....				( <sup>1</sup> )							( <sup>1</sup> )								1.5		
Missouri.....	0.04	0.20	0.08					0.03	0.20	0.08					42.1	39.8	42.3				
<b>SOUTH ATLANTIC:</b>																					
Virginia.....				0.01	( <sup>1</sup> )						( <sup>1</sup> )	( <sup>1</sup> )							0.3	4.3	
North Carolina.....	( <sup>1</sup> )	( <sup>1</sup> )	0.02	0.09	6.51	7.59	6.23	( <sup>1</sup> )	( <sup>1</sup> )	0.01	0.05	3.15	4.55	5.09	17.7	25.0	21.9	21.8	12.7	17.2	18.6
South Carolina.....	0.25	0.60	0.72	3.19	22.69	26.18	45.01	0.09	0.21	0.35	2.48	18.92	23.50	47.29	15.8	14.1	18.7	27.8	21.9	25.8	23.9
Georgia.....	0.12	0.23	0.45	1.06	6.43	11.24	20.08	0.05	0.09	0.17	0.68	4.40	11.32	23.04	20.6	15.3	14.0	34.1	18.3	28.9	26.1
Florida.....	0.04	0.09	0.26	0.10	1.58	1.11	1.46	0.01	0.04	0.11	0.06	0.90	0.79	1.18	15.2	17.2	16.4	19.8	15.0	20.4	18.3
<b>EAST SOUTH CENTRAL:</b>																					
Tennessee.....			( <sup>1</sup> )							( <sup>1</sup> )								1.0			
Alabama.....	0.02	0.03	0.11	0.05	0.68	0.50	0.91	0.01	0.01	0.04	0.02	0.37	0.31	0.74	12.6	14.5	13.8	18.5	14.3	17.7	

# INDIVIDUAL CROPS

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TABLE 37.—MIXED GRAINS—FARMS REPORTING, ACREAGE, PRODUCTION, VALUE, AND AVERAGE YIELD PER ACRE, BY DIVISIONS AND STATES: 1929 AND 1919

DIVISION AND STATE	FARMS REPORTING		ACREAGE		PRODUCTION (BUSHEL8)		VALUE		AVERAGE YIELD PER ACRE (BUSHEL8)	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
	United States.....	130,232	46,100	2,438,078	577,078	70,830,831	14,065,249	\$39,461,360	\$16,605,245	29.1
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	1,005	714	9,188	4,834	272,503	130,336	213,457	183,358	20.7	27.0
Middle Atlantic.....	24,321	13,517	277,933	130,096	6,655,084	3,158,408	5,132,898	3,790,700	23.9	24.3
East North Central.....	35,254	13,384	507,710	123,981	15,638,251	3,207,192	9,376,716	3,912,503	30.8	25.9
West North Central.....	57,589	14,806	1,452,111	278,567	44,484,481	6,760,352	21,804,020	7,544,953	30.6	24.3
South Atlantic.....	3,013	582	15,934	3,657	264,991	43,262	260,089	69,721	16.6	11.8
East South Central.....	796	164	5,298	1,446	77,437	28,684	68,899	42,312	14.6	19.8
West South Central.....	2,101	363	44,840	5,867	861,119	111,835	635,278	133,234	19.2	19.1
Mountain.....	3,063	325	68,563	6,592	1,147,962	90,619	803,833	134,035	16.7	13.7
Pacific.....	3,090	2,245	56,501	22,038	1,429,003	534,561	1,166,170	794,429	25.3	24.3
<b>NEW ENGLAND:</b>										
Maine.....	206	37	2,283	106	84,967	2,716	71,371	4,075	37.2	25.6
New Hampshire.....	33	49	135	182	4,148	6,434	3,402	9,008	30.7	35.4
Vermont.....	597	576	6,411	4,298	175,515	115,055	132,228	161,076	27.4	26.8
Massachusetts.....	47	30	203	124	4,767	3,209	3,909	4,815	23.5	25.9
Rhode Island.....	33	22	156	121	3,106	2,922	2,547	4,384	19.9	23.0
Connecticut.....	33	22	156	121	3,106	2,922	2,547	4,384	19.9	23.0
<b>MIDDLE ATLANTIC:</b>										
New York.....	21,820	13,215	268,084	128,477	6,155,332	3,121,025	4,712,410	3,745,228	23.9	24.3
New Jersey.....	129	26	1,109	185	27,148	3,063	23,441	4,288	22.6	16.6
Pennsylvania.....	2,372	276	18,650	1,434	472,604	34,320	397,047	41,184	25.3	23.9
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	1,647	198	20,283	1,475	526,744	36,049	376,832	48,669	26.0	24.4
Indiana.....	1,570	278	24,658	2,761	614,683	68,322	381,099	102,492	24.9	24.7
Illinois.....	4,387	439	95,220	4,564	2,900,180	134,692	1,798,111	161,631	30.5	29.5
Michigan.....	5,463	2,816	60,441	19,879	1,539,545	379,616	1,067,628	493,507	25.5	19.1
Wisconsin.....	22,197	9,653	307,108	95,302	10,050,769	2,588,513	5,753,046	3,106,204	32.7	27.2
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	38,276	9,741	897,026	193,564	29,776,499	4,579,897	14,592,404	5,037,894	33.2	23.6
Iowa.....	8,835	3,366	213,284	45,573	7,559,144	1,366,200	3,387,528	1,627,442	35.4	29.8
Missouri.....	1,353	146	19,596	2,311	337,908	46,405	223,618	58,687	17.2	20.1
North Dakota.....	2,138	235	99,541	7,000	1,385,358	65,490	707,518	78,574	13.9	8.3
South Dakota.....	2,704	320	103,226	7,996	2,125,524	164,910	1,076,178	197,905	20.6	20.0
Nebraska.....	3,044	774	95,509	16,230	2,871,088	448,835	1,542,179	448,835	30.0	27.7
Kansas.....	1,239	224	23,869	4,693	428,960	98,616	274,535	98,616	18.0	21.0
<b>SOUTH ATLANTIC:</b>										
Delaware.....	12	12	88	171	1,813	2,773	1,539	3,882	20.6	16.2
Maryland.....	140	8	898	70	19,741	1,515	17,769	2,121	22.7	21.6
District of Columbia.....										
Virginia.....	323	51	1,837	404	25,589	5,832	24,361	9,331	13.9	14.4
West Virginia.....	281	4	1,239	30	23,261	550	22,042	825	18.8	18.3
North Carolina.....	1,212	366	5,042	1,851	82,039	19,856	84,502	31,770	16.3	10.7
South Carolina.....	571	53	3,543	280	64,364	4,156	62,436	7,067	18.2	14.8
Georgia.....	456	67	3,105	632	45,320	6,615	44,747	11,581	14.6	10.5
Florida.....	18	21	212	216	2,864	1,965	2,673	3,144	13.5	9.1
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	274	99	2,048	969	25,776	19,510	21,305	29,271	12.6	20.1
Tennessee.....	206	51	2,089	444	31,547	8,679	28,662	12,150	15.1	19.5
Alabama.....	189		889		14,162		13,813		15.9	
Mississippi.....	37	14	272	33	5,952	495	5,119	891	21.9	15.0
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	154	30	1,053	287	14,057	1,955	11,880	2,779	13.4	6.9
Louisiana.....	31		461		7,720		6,330		16.7	
Oklahoma.....	922	220	18,817	4,043	349,711	75,508	251,822	75,508	18.6	18.7
Texas.....	694	113	24,509	1,537	489,601	34,342	365,237	54,947	20.0	22.3
<b>MOUNTAIN:</b>										
Montana.....	868	42	35,000	1,049	367,956	9,510	231,207	12,375	10.5	9.1
Idaho.....	636	38	8,351	902	257,502	12,109	198,278	18,165	30.8	13.4
Wyoming.....	207	25	7,411	754	143,847	9,753	90,808	14,630	19.4	12.9
Colorado.....	598	142	12,256	3,205	220,561	40,454	152,975	69,686	18.0	14.5
New Mexico.....	167	19	1,450	187	39,981	4,131	25,572	6,197	21.4	22.1
Arizona.....	34	8	797	73	16,417	1,863	14,626	2,795	20.6	25.5
Utah.....	446	43	2,884	379	100,788	6,127	81,051	9,192	34.9	16.2
Nevada.....	47	8	414	43	9,910	663	9,316	995	23.9	15.4
<b>PACIFIC:</b>										
Washington.....	670	595	9,617	3,687	269,228	92,364	204,313	138,552	28.0	25.1
Oregon.....	2,161	1,602	35,682	15,591	651,939	367,958	757,279	551,043	26.7	23.6
California.....	283	48	11,202	2,760	307,836	74,239	204,578	103,934	18.6	20.9

## AGRICULTURE

**Flax.**—The 1930 general farm schedule called for the acreage and production of flaxseed in 1929. Where flax was grown with another crop, one-half of the acreage was to be reported for flax and one-half for the other crop. The statistics presented in the table are only for the major purpose, flax for seed. A small amount of flax for fiber was grown in Michigan, Virginia, and Oregon.

TABLE 38.—FLAX THRESHED—SUMMARY FOR THE UNITED STATES: 1879 TO 1929

[Statistics for divisions and States in Table 39]

ITEM	1929	1924	1919	1909	1899	1889	1879
Number of farms reporting.....	87,002	104,405	53,058	77,184	88,806		
Per cent of all farms.....	1.4	1.6	0.8	1.2	1.5		
Acreage.....	2,965,635	3,435,115	1,260,687	2,083,142	2,110,517	1,318,698	
Increase over preceding census <sup>1</sup> .....	-469,480	2,174,428	-822,455	-27,375	791,819		
Per cent of increase <sup>1</sup> .....	-13.7	172.5	-39.5	-1.3	60.0		
Average per farm reporting.....	34.1	32.9	23.8	27.0	23.9		
Production (bushels).....	15,046,097	23,245,739	6,653,200	19,512,765	18,079,492	10,250,410	7,170,951
Increase over preceding census <sup>1</sup> .....	-13,199,642	21,592,539	-12,859,505	-466,727	9,720,082	3,070,450	
Per cent of increase <sup>1</sup> .....	-46.7	324.5	-65.9	-2.3	94.9	42.9	
Average yield per acre.....	5.1	8.2	5.3	9.4	9.5	7.8	
Value.....	\$43,104,631	\$66,135,073	\$29,360,998	\$28,970,574	\$19,624,901		
Increase over preceding census <sup>1</sup> .....	-\$23,030,442	\$36,774,075	\$300,444	\$9,345,653			
Per cent of increase <sup>1</sup> .....	-34.8	125.2	1.3	47.6			
Average per bushel.....	\$2.86	\$2.34	\$4.41	\$1.48	\$0.98		
Average per acre.....	\$14.53	\$19.25	\$23.29	\$13.91	\$9.30		
Per cent that value of flaxseed formed of total value of all crops.....	0.5	( <sup>3</sup> )	0.2	0.6	0.7		

<sup>1</sup> A minus sign (-) denotes decrease. <sup>2</sup> The increase 1910 to 1929 was: Acreage, 135.2 per cent; production, 126.1 per cent; and value, 46.8 per cent. <sup>3</sup> Figures not available.

TABLE 39.—FLAX THRESHED—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929, 1924, AND 1919

DIVISION AND STATE	FARMS REPORTING			ACREAGE			PRODUCTION (BUSHELS)			VALUE		
	1929	1924	1919	1929	1924	1919	1929	1924	1919	1929	1924	1919
United States.....	87,002	104,405	53,058	2,965,635	3,435,115	1,260,687	15,046,097	23,245,739	6,653,200	\$43,104,631	\$66,135,073	\$29,360,998
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....			6			10			109			470
Middle Atlantic.....	30	11	89	102	43	108	1,294	348	902	3,382	825	3,626
East North Central.....	2,081	1,901	2,100	9,310	7,760	8,624	94,191	84,982	78,068	253,993	190,808	302,932
West North Central.....	79,172	96,594	47,528	2,574,274	3,174,911	1,121,180	13,661,159	26,400,720	6,241,444	39,286,427	61,925,394	27,575,104
South Atlantic.....	1		1	6		1	60		14	165		60
East South Central.....			14			65			137			583
West South Central.....	3	23	7	98	575	184	690	2,455	930		4,175	3,255
Mountain.....	5,628	5,859	3,293	380,785	251,732	130,174	1,279,561	1,756,655	329,705	3,533,968	4,012,731	1,466,554
Pacific.....	87	17	20	1,060	94	341	9,142	570	1,901	25,143	1,140	8,414
<b>NEW ENGLAND:</b>												
New Hampshire.....			1			2			40			198
Vermont.....			5			8			63			272
<b>MIDDLE ATLANTIC:</b>												
New York.....	4		10	8		15	119		70	328		268
Pennsylvania.....	26	11	79	94	43	93	1,175	348	832	3,054	825	3,328
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	32	22	38	190	74	76	1,962	693	699	4,709	1,386	2,656
Indiana.....	3		8	13		13	65		32	169		100
Illinois.....	8	14	11	199	305	105	2,109	3,016	1,121	6,580	7,239	4,494
Michigan.....	297	114	181	2,301	681	1,267	19,522	5,980	13,627	54,199	11,900	42,247
Wisconsin.....	1,741	1,751	1,562	6,610	6,700	7,133	70,542	76,293	62,579	189,036	170,223	253,445
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	31,219	37,779	20,458	511,792	683,270	288,240	4,568,927	7,478,974	2,010,464	13,418,517	17,825,499	8,885,642
Iowa.....	861	583	747	12,808	7,889	9,646	115,739	78,114	61,007	316,468	165,909	262,334
Missouri.....	108	115	26	1,919	2,368	300	9,623	15,184	2,883	29,577	28,244	12,110
North Dakota.....	31,597	40,949	19,185	1,338,961	1,873,744	649,949	5,616,087	13,944,829	2,972,082	10,109,313	32,835,888	13,225,765
South Dakota.....	14,026	14,410	6,274	669,319	548,236	159,234	3,110,707	4,542,153	1,106,303	8,724,090	10,387,443	4,880,931
Nebraska.....	252	58	31	19,719	2,840	1,344	132,427	9,152	3,757	362,222	21,415	16,530
Kansas.....	1,109	2,700	807	19,756	56,564	12,368	107,649	332,318	72,948	242,240	660,996	291,792
<b>SOUTH ATLANTIC:</b>												
Maryland.....			1			1			14			60
North Carolina.....	1			6			60			165		
<b>EAST SOUTH CENTRAL:</b>												
Tennessee.....			14			65			137			583
<b>WEST SOUTH CENTRAL:</b>												
Oklahoma.....	3	22	7	98	573	184	690	2,429	930	1,553	4,131	3,255
Texas.....		1		2			26			44		
<b>MOUNTAIN:</b>												
Montana.....	5,277	5,646	3,244	362,101	244,398	128,851	1,177,086	1,733,260	325,838	3,262,592	3,965,343	1,449,982
Idaho.....	6	22	3	127	355	11	2,238	2,051	67	6,150	4,308	242
Wyoming.....	325	19	37	17,880	642	1,212	96,134	1,958	3,136	254,756	4,308	13,485
Colorado.....	20	170	6	677	6,332	29	4,103	19,310	70	10,464	38,020	316
Arizona.....			1			1			17			72
Utah.....		2	2		5	70			76		152	2,457
<b>PACIFIC:</b>												
Washington.....		4	4	13		91			106	280		1,144
Oregon.....	86	13	16	1,053	81	250	9,125	464	1,615	25,096	928	7,270
California.....	1			7			17			47		

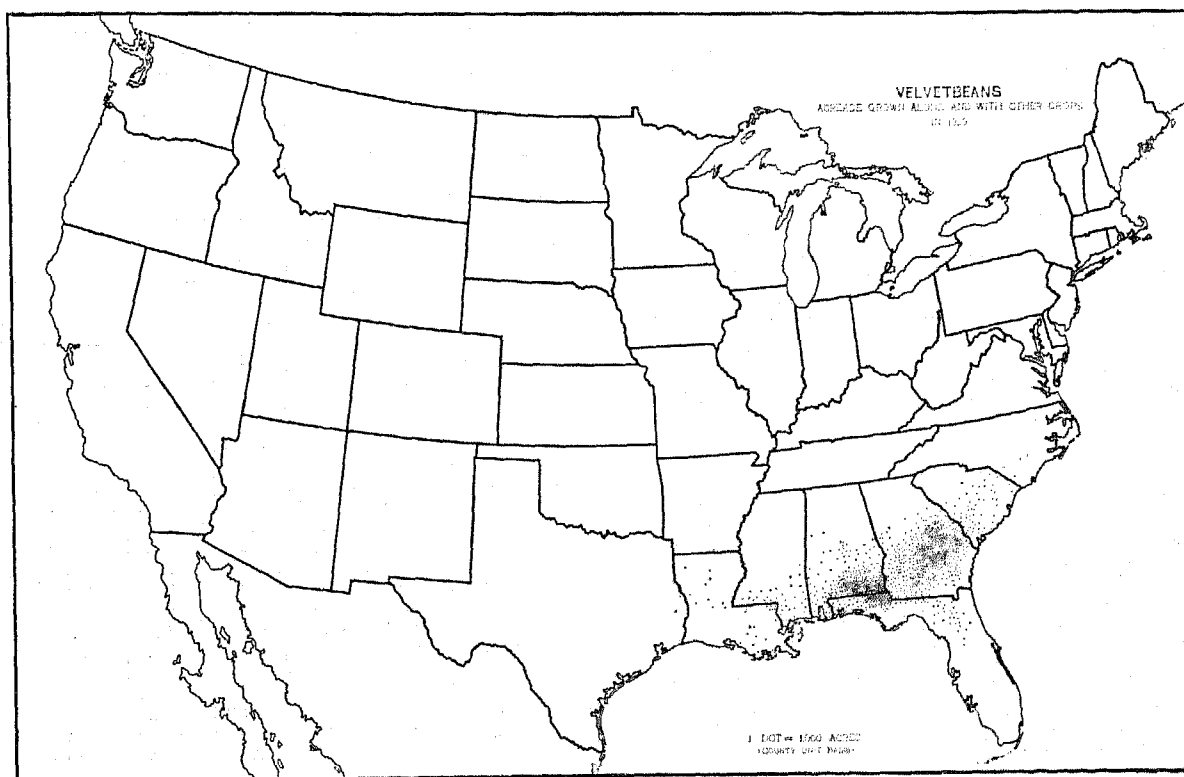


Annual legumes.—The inquiries on the 1930 farm schedule pertained to six different classes of annual legumes: (1) Peanuts, (2) soybeans, (3) cowpeas, (4) velvetbeans, (5) Canada, marrowfat, Scotch, and other ripe field peas, and (6) navy, pinto, kidney, Lima, and other ripe field beans. The 1930 farm schedule called for the acreage of each of these crops grown for all purposes in 1929. Two separate inquiries were made concerning the acreage of each annual legume: (1) Acres grown alone in 1929, and (2) acres grown with corn or other crops in 1929. Where an annual legume was grown with another crop, the enumerator was instructed to report the total acreage of such mixture as the acreage of the annual legume grown with other crops. The 1930 farm schedule called for the quantity (bushels) of each annual legume harvested in 1929. Since the acreage of each annual legume secured was an acreage for all purposes, the quantity harvested was not a total production for the acreage reported because

part of the acreage was used for hogging or grazing off, and the annual legumes may have been saved for hay without any grain or seed having been harvested.

In the case of peanuts, hay is often saved as a by-product of the peanut crop.

In 1919, the enumerator was directed to allot, according to his best judgment, the acreage of legumes grown with other crops, particularly corn. This resulted in securing the approximate total acreage of each legume on the basis of equivalent solid acreage. This of course is not closely comparable with the current figures on legumes, which represent the acres on which legumes were grown irrespective of the companion crop or how much space the legumes actually occupied. Further peculiarities in the planting or harvesting of each legume make close comparison with previous census figures difficult. The present figures, however, give a fairly accurate picture of the crop situation. (See text under hay and forage.)

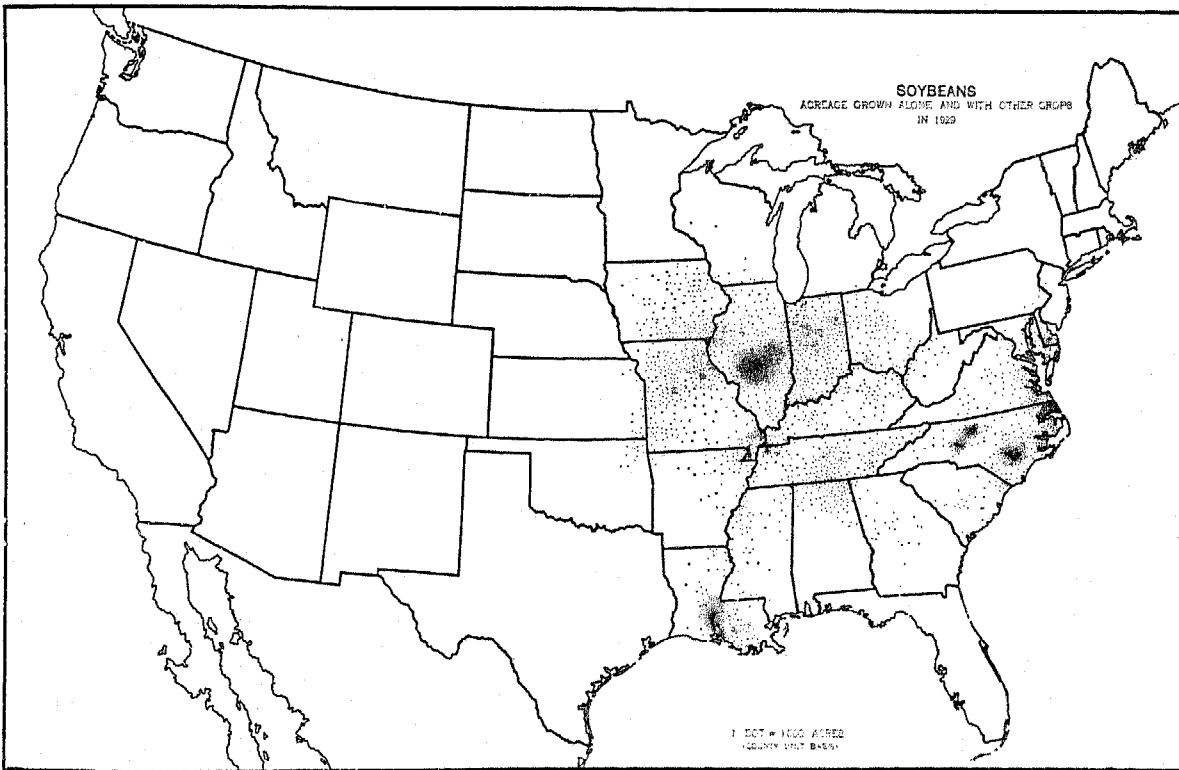
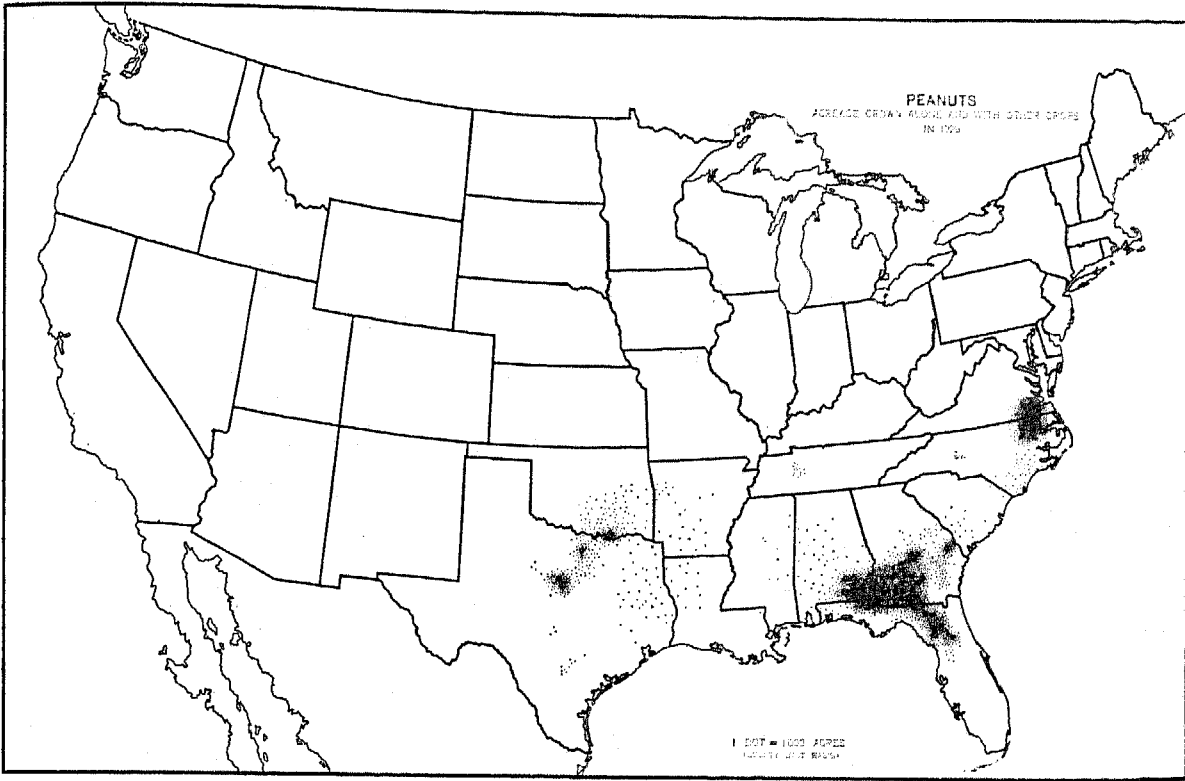


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TABLE 40.—PEANUTS AND VELVETBEANS—FARMS REPORTING, ACREAGE, QUANTITY HARVESTED, AND VALUE, BY DIVISIONS AND STATES, 1929

DIVISION AND STATE	PEANUTS					VELVETBEANS						
	Farms reporting	Acreage for all purposes			Quantity harvested		Farms reporting	Acreage for all purposes			Quantity harvested	
		Total	Grown alone	Grown with other crops	Bushels	Value		Total	Grown alone	Grown with other crops	Bushels	Value
United States.....	326,253	2,446,704	1,558,885	887,819	36,587,996	\$28,493,245	101,639	1,237,346	89,391	1,147,055	2,114,806	\$3,693,384
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....							17	10	15	4	253	1,141
Middle Atlantic.....	3	5		5	13	17						
East North Central.....	156	359	192	167	1,260	1,640						
West North Central.....	648	604	334	270	5,288	6,962	19	200	115	85	195	527
South Atlantic.....	147,426	1,614,057	926,888	687,169	26,867,099	21,037,488	62,821	859,197	63,279	795,918	1,238,601	1,968,382
East South Central.....	102,829	461,251	281,592	179,659	5,676,966	4,352,262	33,363	336,739	18,722	318,017	798,391	1,507,014
West South Central.....	74,987	369,542	349,129	20,413	4,015,558	3,004,615	5,419	41,191	7,260	33,931	77,276	186,320
Mountain.....	163	771	626	145	20,340	28,417						
Pacific.....	41	115	104	11	1,474	1,844						
<b>NEW ENGLAND:</b>												
Maine.....							17	19	15	4	253	1,141
New Hampshire.....												
Vermont.....												
Massachusetts.....												
Rhode Island.....												
Connecticut.....												
<b>MIDDLE ATLANTIC:</b>												
New York.....												
New Jersey.....	3	5		5	13	17						
Pennsylvania.....												
<b>EAST NORTH CENTRAL:</b>												
Ohio.....												
Indiana.....												
Illinois.....	132	245	157	88	1,106	1,438						
Michigan.....												
Wisconsin.....	24	114	35	79	164	202						
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....												
Iowa.....	23	122	30	92	298	369						
Missouri.....	488	343	235	108	3,864	5,023	19	200	115	85	195	527
North Dakota.....												
South Dakota.....												
Nebraska.....	5	25	2	23	51	67						
Kansas.....	132	114	67	47	1,073	1,503						
<b>SOUTH ATLANTIC:</b>												
Delaware.....	3	9	9		28	31	3	27	27			
Maryland.....	1	1	1		25	28						
District of Columbia.....												
Virginia.....	11,751	161,763	145,622	16,141	6,565,098	4,780,270	66	362	228	134	302	766
West Virginia.....	13	17	10	7	47	53						
North Carolina.....	35,563	266,212	225,153	41,059	9,991,739	6,975,998	1,550	7,657	2,454	5,203	12,880	20,320
South Carolina.....	10,918	18,425	13,362	5,063	274,934	249,271	6,491	66,337	10,503	55,834	169,380	246,097
Georgia.....	68,135	817,594	414,205	403,389	8,792,123	7,960,920	44,895	648,512	32,692	615,820	909,712	1,456,269
Florida.....	21,042	350,636	128,526	221,510	1,243,105	1,070,947	9,816	136,302	17,375	118,927	146,417	244,930
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	194	186	113	73	1,843	2,211	40	196	179	17	161	444
Tennessee.....	5,421	16,381	15,788	693	565,064	369,387	304	1,862	1,537	325	2,887	7,346
Alabama.....	67,117	423,915	248,775	175,140	4,813,352	3,596,704	27,683	296,478	14,036	282,442	716,238	1,325,101
Mississippi.....	30,097	26,769	16,916	3,833	296,707	333,960	5,336	38,203	2,970	35,233	79,105	174,033
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	17,627	28,630	25,626	3,004	263,049	237,745	476	2,762	653	2,109	3,508	9,860
Louisiana.....	13,136	13,407	11,373	2,034	180,143	229,555	4,066	33,087	5,166	27,921	61,360	143,012
Oklahoma.....	14,588	103,198	99,666	3,532	1,281,634	870,474	66	361	197	164	787	2,070
Texas.....	29,636	224,307	212,464	11,843	2,290,732	1,666,841	871	4,981	1,244	3,737	11,621	31,878
<b>MOUNTAIN:</b>												
Montana.....												
Idaho.....	6	110	45	65	261	365						
Wyoming.....												
Colorado.....	3	1	1		33	46						
New Mexico.....	124	578	515	63	19,374	27,124						
Arizona.....	25	28	26	2	401	638						
Utah.....	5	54	39	15	181	244						
Nevada.....												
<b>PACIFIC:</b>												
Washington.....												
Oregon.....												
California.....	41	115	104	11	1,474	1,844						

INDIVIDUAL CROPS



## AGRICULTURE

TABLE 41.—SOYBEANS AND COWPEAS—FARMS REPORTING, ACREAGE, QUANTITY HARVESTED, AND VALUE, BY DIVISIONS AND STATES, 1929

DIVISION AND STATE	SOYBEANS						COWPEAS <sup>1</sup>					
	Farms reporting	Acreage for all purposes			Quantity harvested		Farms reporting	Acreage for all purposes			Quantity harvested	
		Total	Grown alone	Grown with other crops	Bushels	Value		Total	Grown alone	Grown with other crops	Bushels	Value
United States.....	802,842	2,910,979	1,961,549	949,430	8,661,188	\$14,446,066	273,923	1,493,228	775,546	717,682	3,273,813	\$7,865,863
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	556	5,335	5,051	284	704	1,870	100	668	560	102	106	266
Middle Atlantic.....	3,476	17,925	15,484	2,441	14,805	35,004	574	2,649	1,932	717	7,902	20,914
East North Central.....	85,390	939,451	793,285	146,166	4,977,439	7,530,385	17,000	143,310	132,109	11,201	418,723	770,790
West North Central.....	44,398	544,868	370,004	174,864	1,334,510	2,374,890	11,350	91,254	70,121	21,133	173,746	346,251
South Atlantic.....	73,350	648,099	326,459	321,553	1,702,709	2,975,544	86,480	528,542	104,406	334,136	897,313	2,142,777
East South Central.....	68,562	456,420	368,383	88,037	292,383	675,496	81,073	305,335	176,219	129,116	738,851	1,648,843
West South Central.....	26,804	296,849	80,833	215,016	323,327	814,425	76,446	417,486	196,598	220,888	1,001,433	2,344,174
Mountain.....	244	1,821	1,753	68	15,223	38,218	833	3,592	3,289	303	34,605	82,434
Pacific.....	62	301	270	31	88	234	67	392	306	-86	1,134	3,114
<b>NEW ENGLAND:</b>												
Maine.....	159	2,064	2,027	37	322	854	27	268	245	23	102	265
New Hampshire.....	128	1,095	1,009	86	55	146	30	175	133	37		
Vermont.....	49	384	344	40	47	125						
Massachusetts.....	104	1,001	908	93	87	233	37	217	181	36		
Rhode Island.....	14	31	28	3	34	90	2	4	1	3		
Connecticut.....	102	760	735	25	159	422	4	4	1	3	4	11
<b>MIDDLE ATLANTIC:</b>												
New York.....	469	3,241	2,459	782	3,781	9,266	186	701	372	329	3,006	9,844
New Jersey.....	402	3,058	2,572	486	3,164	7,120	195	1,229	1,071	158	2,728	7,092
Pennsylvania.....	2,605	11,626	10,453	1,173	7,860	18,618	193	710	489	230	1,478	3,978
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	15,206	96,944	86,642	10,302	316,462	504,663	592	3,123	2,732	391	6,756	14,533
Indiana.....	31,081	321,627	267,268	54,359	1,379,279	2,067,262	3,879	30,164	27,108	3,056	72,804	149,832
Illinois.....	36,189	496,377	427,175	69,202	3,249,996	4,897,745	11,812	106,369	99,420	6,939	309,913	557,108
Michigan.....	803	6,112	4,476	1,636	13,251	25,620	388	2,128	1,825	303	18,887	33,520
Wisconsin.....	2,111	18,391	7,724	10,667	18,451	35,095	329	1,536	1,024	512	10,363	21,797
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	774	5,628	3,307	2,321	3,380	7,897	91	488	300	188	4,446	10,228
Iowa.....	10,957	152,406	72,540	79,866	573,711	921,964	258	3,025	1,709	1,316	10,275	20,448
Missouri.....	30,258	362,888	277,410	85,478	725,114	1,378,995	10,367	82,468	63,861	18,607	150,237	295,747
North Dakota.....	37	502	481	21	195	518	95	1,441	1,429	12	1,993	4,908
South Dakota.....	177	2,169	1,627	542	419	1,017	5	31	16	15	15	38
Nebraska.....	301	2,595	1,853	742	1,785	4,235						
Kansas.....	1,894	18,680	12,736	5,894	29,906	60,204	534	3,801	2,500	995	6,810	14,882
<b>SOUTH ATLANTIC:</b>												
Delaware.....	2,172	24,813	23,273	1,540	211,191	443,529	377	2,537	2,458	70	12,457	31,765
Maryland.....	3,920	26,471	25,220	1,251	54,363	121,527	799	4,313	3,609	704	4,123	10,299
District of Columbia.....	3	120	83	37								
Virginia.....	16,354	122,041	95,654	26,387	261,234	528,232	8,096	40,227	35,622	4,005	60,618	101,282
West Virginia.....	5,947	24,639	23,439	1,200	10,714	28,188	460	1,771	1,560	211	1,200	3,415
North Carolina.....	35,638	376,806	128,771	248,035	1,047,201	1,568,366	12,970	52,901	31,015	21,886	96,510	231,112
South Carolina.....	3,669	31,174	8,395	22,779	47,326	99,289	35,309	267,515	56,745	210,770	397,784	910,761
Georgia.....	5,374	39,647	20,316	19,331	68,089	179,687	22,998	137,169	50,571	80,598	265,780	638,554
Florida.....	273	2,298	1,305	968	2,591	6,726	5,471	22,109	12,826	9,283	58,781	155,619
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	16,655	101,677	91,275	10,402	70,189	161,715	6,736	32,704	29,116	3,588	50,581	117,811
Tennessee.....	25,251	196,509	155,631	40,878	104,163	227,983	18,707	88,431	73,969	14,462	124,537	283,974
Alabama.....	19,878	90,295	83,120	7,175	41,312	94,850	31,018	103,339	45,705	57,574	312,597	668,730
Mississippi.....	6,778	67,939	38,357	29,582	76,719	190,948	24,612	80,861	27,369	53,492	251,136	578,323
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	7,147	54,307	31,689	22,618	65,869	155,748	25,482	130,191	73,190	57,001	231,049	503,487
Louisiana.....	16,582	216,648	28,021	188,627	191,161	523,651	14,352	74,635	15,141	59,494	143,948	342,807
Oklahoma.....	2,274	21,371	18,705	2,666	62,893	107,589	7,663	52,630	33,760	18,770	118,164	276,416
Texas.....	601	4,523	2,448	2,075	13,404	27,437	28,949	160,130	74,507	85,623	507,672	1,221,404
<b>MOUNTAIN:</b>												
Montana.....	17	371	367	4	1,973	5,229						
Idaho.....	17	171	147	24	2,204	5,843						
Wyoming.....	10	231	231		1,121	2,972	7	78	67	11	766	1,820
Colorado.....	64	583	560	23	2,498	6,071	73	1,483	1,432	51	19,165	44,079
New Mexico.....	110	303	287	16	2,340	5,385	728	1,947	1,710	237	13,340	33,364
Arizona.....	4	17	17		81	203	12	44	44		354	886
Utah.....	22	145	144	1	5,066	12,515	13	40	36	4	980	2,295
Nevada.....												
<b>PACIFIC:</b>												
Washington.....												
Oregon.....	62	301	270	31	88	234	54	297	210	78	257	630
California.....							13	95	87	8	877	2,484

<sup>1</sup> Includes "blackeyes" for all States except California.

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TABLE 42.—NAVY, PINTO, AND OTHER RIPE FIELD BEANS, AND CANADA AND OTHER RIPE FIELD PEAS—  
FARMS REPORTING, ACREAGE, QUANTITY HARVESTED, AND VALUE, BY DIVISIONS AND STATES, 1929

DIVISION AND STATE	NAVY, PINTO, AND OTHER RIPE FIELD BEANS (EXCLUDING SOYBEANS AND VELVETBEANS) <sup>1</sup>						CANADA AND OTHER RIPE FIELD PEAS (EXCLUDING COWPEAS)					
	Farms reporting	Acreage for all purposes			Quantity harvested		Farms reporting	Acreage for all purposes			Quantity harvested	
		Total	Grown alone	Grown with other crops	Bushels	Value		Total	Grown alone	Grown with other crops	Bushels	Value
United States.....	128,561	1,868,655	1,746,262	120,393	20,353,579	377,097,664	26,615	286,902	255,978	30,924	3,281,135	\$7,444,200
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	8,593	10,029	9,109	920	117,319	610,575	268	1,599	1,744	155	2,571	9,640
Middle Atlantic.....	15,985	108,505	100,057	3,448	1,224,429	5,145,790	1,078	6,428	5,821	607	42,519	141,003
East North Central.....	55,817	586,045	561,298	25,347	5,283,289	19,615,547	8,714	52,508	47,923	4,585	670,383	1,476,055
West North Central.....	5,400	41,583	38,200	3,383	215,203	713,851	526	4,070	3,276	794	23,668	62,453
South Atlantic.....	4,192	9,497	5,652	3,845	74,545	351,142	1,765	10,243	2,681	7,562	20,318	60,739
East South Central.....	2,627	4,578	2,921	1,957	37,044	164,634	2,809	6,840	2,993	3,847	29,217	80,556
West South Central.....	4,372	9,502	7,013	2,489	66,031	272,644	4,374	18,458	11,564	6,804	74,522	197,389
Mountain.....	24,085	761,540	720,449	41,091	7,759,863	23,171,409	6,004	138,698	134,297	4,401	1,776,750	3,869,623
Pacific.....	7,490	339,476	301,568	37,913	5,572,856	27,022,269	1,077	47,758	45,679	2,079	640,187	1,547,142
<b>NEW ENGLAND:</b>												
Maine.....	6,421	6,923	6,271	652	87,553	451,084	71	421	409	12	699	2,901
New Hampshire.....	686	600	479	130	6,436	36,687	27	81	59	22	149	574
Vermont.....	928	2,262	2,167	105	20,410	106,362	138	1,203	1,097	106	1,445	5,131
Massachusetts.....	177	167	155	12	2,005	11,429	19	23	12	11	157	605
Rhode Island.....	22	18	13	5	359	2,010	4	148	148			
Connecticut.....	50	50	34	16	556	8,003	9	23	19	4	121	429
<b>MIDDLE ATLANTIC:</b>												
New York.....	14,136	101,973	98,876	3,097	1,198,655	5,008,865	893	6,042	5,596	446	41,116	133,630
New Jersey.....	154	377	316	61	15,228	82,231	12	60	30	30	548	1,808
Pennsylvania.....	1,605	1,155	865	290	10,546	54,604	173	326	195	131	1,855	5,565
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	838	1,559	1,273	286	14,606	63,887	43	209	195	14	1,073	2,743
Indiana.....	1,142	1,884	1,553	331	12,387	48,273	46	217	191	26	886	1,377
Illinois.....	745	1,382	1,066	316	7,775	28,122	31	438	425	13	1,240	2,792
Michigan.....	50,409	574,696	550,905	23,691	5,201,096	19,282,966	4,256	25,112	23,072	2,040	298,898	625,963
Wisconsin.....	2,623	7,224	6,501	723	50,425	222,299	4,338	26,532	24,040	2,492	368,556	842,780
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	1,313	5,409	4,890	510	26,581	127,380	289	1,877	1,405	472	15,648	41,325
Iowa.....	559	708	534	174	5,487	22,763	21	123	27	96	947	2,322
Missouri.....	1,781	2,265	1,573	692	7,674	30,696	80	354	209	145	624	1,565
North Dakota.....	200	1,964	1,526	438	13,690	53,442	124	1,645	1,566	79	5,723	15,455
South Dakota.....	382	1,769	1,431	338	6,143	25,454	3	7	7		46	120
Nebraska.....	626	6,873	6,333	540	52,407	168,040	4	35	37	1	590	1,446
Kansas.....	539	22,595	21,904	691	103,221	286,079	5	26	25	1	90	220
<b>SOUTH ATLANTIC:</b>												
Delaware.....	19	57	54	3	970	4,398	4	10	8	4	85	238
Maryland.....	139	236	190	46	3,066	14,428	24	132	112	20	1,722	4,821
District of Columbia.....	4	10	10		221	1,063	1	2	2		30	84
Virginia.....	703	2,024	1,661	363	18,940	91,705	126	389	334	55	1,262	4,105
West Virginia.....	1,505	2,320	1,160	1,160	19,994	95,476	15	13	5	8	41	119
North Carolina.....	1,065	2,445	1,436	1,009	16,110	77,852	300	720	427	293	2,088	6,491
South Carolina.....	321	667	392	275	5,283	23,643	186	960	255	705	1,610	4,909
Georgia.....	336	1,389	469	933	4,237	19,085	900	6,553	1,218	5,335	10,965	32,334
Florida.....	100	349	203	50	5,724	23,472	209	1,404	322	1,142	2,575	7,638
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	1,335	1,793	766	1,027	20,687	95,180	74	228	177	51	620	1,832
Tennessee.....	710	2,024	1,596	428	10,973	47,758	480	1,659	1,241	418	5,595	15,593
Alabama.....	366	640	404	236	3,577	14,664	1,057	2,918	687	2,231	12,257	33,099
Mississippi.....	216	421	155	266	1,807	7,052	1,196	2,035	888	1,147	10,745	30,032
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	1,280	1,595	894	701	7,668	30,672	764	1,874	1,089	785	4,469	12,069
Louisiana.....	288	1,081	349	732	5,604	24,104	464	1,537	550	987	5,045	14,649
Oklahoma.....	516	1,231	1,137	94	7,806	29,765	187	448	332	116	2,449	6,974
Texas.....	2,288	5,595	4,633	962	44,953	188,103	2,959	14,599	9,603	5,006	62,559	163,897
<b>MOUNTAIN:</b>												
Montana.....	1,733	47,410	46,043	1,367	750,588	2,255,145	840	24,828	23,432	1,396	367,124	799,253
Idaho.....	3,362	133,619	106,788	26,831	2,660,359	9,094,683	2,611	56,420	54,868	1,552	1,094,430	2,353,029
Wyoming.....	1,409	30,137	29,210	927	485,222	1,603,831	240	4,450	4,425	25	46,924	106,428
Colorado.....	9,840	375,584	366,451	9,133	2,106,033	5,870,306	1,668	50,446	49,119	1,327	233,777	526,340
New Mexico.....	6,548	167,267	164,735	2,522	1,634,842	4,094,927	597	2,339	2,243	96	30,601	75,175
Arizona.....	750	5,571	5,375	196	43,886	150,004	2	2	2		24	66
Utah.....	429	1,046	1,833	113	28,755	101,808	45	211	200	5	3,820	9,199
Nevada.....	14	10	14	2	178	705	1	2			50	123
<b>PACIFIC:</b>												
Washington.....	155	4,489	4,239	250	17,439	74,856	874	42,112	40,607	1,505	552,540	1,802,617
Oregon.....	322	7,624	7,505	119	29,066	121,871	119	2,278	1,800	478	25,693	67,977
California.....	7,013	327,363	289,819	37,544	5,526,351	26,825,542	84	3,368	3,272	96	61,954	176,548

<sup>1</sup> Includes "blackeyes" for California only.

AGRICULTURE

TABLE 43.—CLOVER, ALFALFA, TIMOTHY, AND OTHER GRASS SEEDS—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES, 1929

DIVISION AND STATE	CLOVER SEED				ALFALFA SEED				TIMOTHY SEED				OTHER GRASS SEEDS			
	Farms reporting	Acres	Production (bushels)	Value	Farms reporting	Acres	Production (bushels)	Value	Farms reporting	Acres	Production (bushels)	Value	Farms reporting	Acres	Production (bushels)	Value
<b>United States</b> .....	213,110	2,617,819	4,041,693	\$31,137,339	99,598	525,447	989,411	\$11,313,429	33,447	463,806	1,396,317	\$2,788,003	8,866	346,304	1,631,043	\$2,881,337
<b>GEOGRAPHIC DIVISIONS:</b>																
New England.....	81	265	388	6,014	5	7	12	193	82	226	307	1,555	2	252	801	14,103
Middle Atlantic.....	3,979	29,007	34,886	425,328	95	330	413	6,202	1,927	7,499	15,318	44,915	1	10	200	360
East North Central.....	125,442	1,389,046	1,645,882	15,938,507	1,236	8,595	10,167	150,397	11,175	110,717	325,512	688,705	5,846	220,536	725,135	1,437,599
West North Central.....	62,132	861,671	1,679,626	9,318,526	18,050	249,925	362,710	4,333,929	19,788	325,019	1,044,061	2,020,532	1,001	26,796	167,620	213,738
South Atlantic.....	7,536	62,335	126,501	1,422,678	33	230	436	6,614	299	1,704	4,320	16,589	237	4,465	42,978	64,665
East South Central.....	5,840	64,379	185,625	1,285,776	47	363	789	10,665	71	569	1,585	5,403	297	31,586	211,271	279,944
West South Central.....	1,000	15,005	43,335	176,356	1,178	21,247	49,886	448,072	17	221	584	1,509	816	30,076	348,602	470,152
Mountain.....	4,988	66,866	250,920	1,827,910	8,242	225,872	496,354	5,559,708	64	1,406	3,390	7,169	134	4,141	33,703	60,093
Pacific.....	2,112	29,245	74,530	736,244	702	18,878	68,638	797,046	24	185	650	1,506	532	19,447	300,528	323,703
<b>NEW ENGLAND:</b>																
Maine.....	44	166	261	4,124	1	1	3	50	14	27	51	204				
New Hampshire.....	1	5	5	73					8	31	20	80				
Vermont.....	8	11	25	364					20	57	134	509				
Massachusetts.....	20	58	82	1,224	2	4	6	93	26	90	166	659				
Rhode Island.....	4	4	6	94					6	10	16	64	2	252	861	14,103
Connecticut.....	4	21	9	135	2	2	3	50	8	11	10	39				
<b>MIDDLE ATLANTIC:</b>																
New York.....	1,058	9,524	10,326	198,687	42	166	254	3,740	350	2,123	2,988	9,286				
New Jersey.....	22	85	112	1,613	14	24	38	618	19	78	131	498				
Pennsylvania.....	2,899	19,098	18,448	225,028	39	140	121	1,844	1,558	5,300	12,169	35,131	1	16	200	360
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	26,883	253,012	345,182	3,422,626	178	1,512	2,074	28,610	4,263	31,232	98,762	211,323	1	20	90	162
Indiana.....	23,990	327,474	346,943	3,222,776	106	1,056	1,205	17,765	919	9,482	27,294	63,262	83	2,140	19,583	26,552
Illinois.....	20,216	272,901	303,839	3,034,353	94	818	1,205	16,660	3,742	62,071	161,630	321,368	5,757	227,324	705,307	1,410,725
Michigan.....	24,209	267,803	311,473	2,906,697	540	3,898	4,139	63,253	386	2,911	5,822	13,846	4	32	75	133
Wisconsin.....	30,644	247,856	338,445	3,352,055	312	1,311	1,544	24,109	1,865	11,021	32,008	78,966	1	20	20	27
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	13,943	164,343	427,058	2,501,988	4,229	26,196	33,463	525,285	3,686	43,835	167,488	333,894				
Iowa.....	24,422	336,810	331,245	3,142,160	139	1,262	1,977	28,793	11,784	179,492	617,114	1,176,637	9	309	1,424	1,805
Missouri.....	10,081	117,610	115,236	1,073,691	57	578	865	10,841	3,071	90,314	231,089	448,368	549	17,996	111,944	140,685
North Dakota.....	3,230	82,893	370,117	1,159,033	3,230	40,157	51,931	783,348	153	2,891	8,420	21,108	20	797	4,059	5,967
South Dakota.....	2,822	60,233	258,272	730,155	4,590	99,056	134,623	1,569,024	240	5,075	12,772	25,810	15	168	1,847	2,559
Nebraska.....	4,158	57,462	103,248	370,893	2,328	35,514	54,815	589,960	99	1,005	1,812	4,148	82	1,078	5,410	8,933
Kansas.....	3,476	42,320	73,856	340,606	3,477	47,162	85,042	826,692	155	2,417	5,366	11,567	326	6,447	42,336	53,800
<b>SOUTH ATLANTIC:</b>																
Delaware.....	224	1,762	3,661	43,728					2	9	10	33				
Maryland.....	1,996	22,035	80,223	355,337	4	46	62	894	87	546	1,273	4,140	2	60	500	750
District of Columbia.....																
Virginia.....	2,493	21,482	31,567	391,947	16	105	218	3,418	145	896	2,984	10,588	212	4,211	41,719	60,063
West Virginia.....	294	3,565	4,626	58,210	2	26	25	360	52	219	469	1,623	3	11	32	69
North Carolina.....	2,409	13,040	54,995	567,878	6	40	111	1,665	13	34	84	305	6	25	67	145
South Carolina.....	93	389	1,234	5,198												
Georgia.....	26	61	175	360	6	13	20	277					2	65	431	970
Florida.....	1	1	20	20									12	83	224	3,668
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	1,388	19,662	42,292	419,405	20	188	261	3,498	46	438	1,211	4,116	275	31,057	208,865	264,967
Tennessee.....	3,732	38,199	120,100	786,247	22	153	476	6,442	24	121	344	1,182	20	228	1,702	2,818
Alabama.....	121	1,795	5,068	16,747	3	16	32	464	1	10	30	105	1	1	4	9
Mississippi.....	599	4,723	18,225	63,377	2	6	20	284					1	300	2,700	12,160
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	211	1,653	2,178	18,793	10	38	77	903	8	52	120	358	21	212	1,447	1,810
Louisiana.....	225	6,659	22,192	71,265									3	400	601	2,702
Oklahoma.....	533	6,410	18,604	84,431	1,091	17,959	40,005	358,865	7	157	440	1,078	07	440	3,109	4,341
Texas.....	31	283	361	1,867	77	3,250	9,804	88,314	2	12	24	73	725	20,024	343,505	407,290
<b>MOUNTAIN:</b>																
Montana.....	330	6,794	18,741	56,593	2,148	75,968	143,003	1,712,348	22	555	1,078	2,492	1	2	20	20
Idaho.....	3,914	50,715	195,107	1,580,342	1,930	41,723	118,013	1,415,121	22	584	1,876	3,659	3	180	2,150	3,023
Wyoming.....	137	1,850	5,562	22,644	728	14,404	26,203	303,439	2	8	30	69	1	17	300	390
Colorado.....	512	6,610	29,007	151,550	968	17,427	50,492	480,256	9	43	119	299	23	930	4,048	5,661
New Mexico.....					121	3,671	11,572	104,179					100	2,858	23,185	32,459
Arizona.....	2	12	75	435	206	14,797	61,419	662,823					6	464	4,090	24,540
Utah.....	83	851	2,296	15,277	1,981	56,063	81,300	836,094	9	276	287	650				
Nevada.....	1	34	132	1,069	60	1,219	4,352	45,478								
<b>PACIFIC:</b>																
Washington.....	273	3,496	13,883	141,824	13	224	528	7,440	10	48	103	249	5	161	412	1,472
Oregon.....	1,826	25,465	60,038	688,361	212	3,922	11,353	131,566	13	131	507	1,233	475	16,632	273,049	279,218
California.....	13	284	609	6,039	477	14,732	56,757	658,700	1	6	40	84	52	2,654	27,067	48,013

# INDIVIDUAL CROPS

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**TABLE 44.—MISCELLANEOUS SEEDS—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1929 AND 1919**

CROP AND STATE	FARMS REPORTING		ACREAGE		PRODUCTION		VALUE		CROP AND STATE	FARMS REPORTING		ACREAGE		PRODUCTION		VALUE	
	1929	1919	1929	1919	1929	1919	1929	1919		1929	1919	1929	1919	1929	1919	1929	1919
<b>Millet seed, total</b>	1,718	6,700	33,713		<i>Bushels</i>	<i>Bushels</i>	\$424,160	\$3,682,987	<b>Sugar-beet seed, total</b>	8	69	93	7,022	<i>Pounds</i>	<i>Pounds</i>	\$13,555	\$2,012,143
New York	216	94	1,483		448,816	1,310,953	37,095	5,474	Montana	1	5	51	1,713	90,360	3,606,947	7,910	586,981
Pennsylvania	20	41	113		2,660	2,202	5,320	6,606	Colorado	1	12	0	1,810	5,000	1,509,285	750	799,643
Ohio	3	26	13		143		286	6,270	Washington	0		36		32,630		4,895	
Indiana	28	51	892		12,766	10,613	22,987	42,052	All other	0	52	3,499		1,029,360		625,518	
Illinois	35	38	378		2,909	6,742	4,762	23,601	<b>Sunflower seed, total</b>	1,267	637	25,523	6,614	<i>Bushels</i>	<i>Bushels</i>	436,340	331,708
Michigan	7	164	38		378	7,893	663	20,452	Maine	2		17		624,181	135,947	1,848	
Wisconsin	13	128	36		510	5,521	632	13,812	New York	1	7	1	10	924			473
Minnesota	83	590	648		8,623	54,715	6,467	136,801	Pennsylvania	1	6	1	8		189	48	226
Iowa	73	210	1,205		26,041	35,460	22,643	70,920	Indiana	15	13	187	101	3,022	338	2,633	2,907
Missouri	25	169	180		1,691	21,944	1,823	43,838	Illinois	592	226	13,867	1,509	386,375	29,679	275,098	74,200
North Dakota	47	953	878		8,516	166,475	8,695	332,950	Missouri	425	284	6,683	3,879	119,536	80,161	59,335	192,387
South Dakota	217	646	3,320		45,078	111,007	30,947	277,529	South Dakota	3	2	13	5	129	112	155	252
Nebraska	85	553	999		12,515	97,095	11,497	104,010	Nebraska	1	3	70		210		210	420
Kansas	134	994	1,888		18,727	209,732	20,422	367,044	Kansas	1	1	1		20		16	
Virginia	3	13	8		69	727	136	2,540	West Virginia	1	4	2		12			31
South Carolina	2		2		14		25		North Carolina	1		2		20		32	
Georgia	3	4	107		2,350	146	4,095	584	South Carolina	2		9		212		339	
Kentucky	1	17	8		87	961	174	3,605	Georgia	3		6		123		176	
Tennessee	121	240	1,931		37,908	48,334	64,765	181,250	Florida	1		5		150		225	
Alabama	2	4	1		13	65	23	389	Kentucky	2	3	3	20	90	300	134	757
Arkansas	2	6	2		13	91	21	319	Tennessee	2	15	2	131	25	3,603	40	9,000
Oklahoma	60	372	847		9,090	36,988	9,831	73,976	Alabama	9		11		302		422	
Texas	36	304	216		3,242	46,056	4,504	92,112	Mississippi	12	14	14		242		273	
Montana	6	33	45		357	1,090	3,434	4,360	Arkansas	12	6	22	46	508	718	342	1,796
Wyoming	36	17	239		3,714	1,116	3,512	4,464	Louisiana	6	14	14		337		507	
Colorado	425	922	17,968		207,086	421,765	126,427	1,687,060	Oklahoma	2	1	13	5	269	260	189	500
New Mexico	31	73	636		6,341	16,063	4,131	64,252	Texas	12	3	209	27	3,406	162	3,874	406
Oregon	2	5	5		160	63	265	252	Idaho	2	1	39	(?)	1,038	2	1,246	5
California	2	1	10		130	50	234	200	Wyoming	2		18		129		143	
All other		54				1,584		6,264	Colorado	6	6	66	20	765	179	842	429
									New Mexico	62		20	(?)	22,617		19,235	
									Utah	1	2	3		730	11	900	26
									Oregon	2	5	3	3	37	147	41	363
									California	89	50	2,051	778	83,119	19,294	68,287	48,235

† Acreage for 1919 not available.

\* Less than 1 acre.

**TABLE 45.—FLOWER AND VEGETABLE SEEDS—FARMS REPORTING, ACREAGE, AND PRODUCTION, 1929; AND VALUE, 1929 AND 1919; BY STATES**

STATE	Farms reporting, 1929	Acreage, 1929	Production (pounds), 1929	VALUE		STATE	Farms reporting, 1929	Acreage, 1929	Production (pounds), 1929	VALUE	
				1929	1919					1929	1919
<b>United States</b>	895	13,564	8,137,184	\$1,699,048	\$8,010,128	<b>States—Continued.</b>					
Maine	3	9	20,496	1,025	200	Maryland	1	6	2,400	\$432	\$2,550
New Hampshire	1	1	400	20		Virginia	1	2	50	12	
Massachusetts						Georgia	4	35	20,950	2,168	2,894
Rhode Island						Florida	107	904	78,989	13,594	65,232
Connecticut	34	546	1,322,100	66,105	47,169	Kentucky					432
New York	23	94	21,200	5,180	62,782	Tennessee	13	50	12,374	8,828	7,851
New Jersey	3	42	17,099	25,784		Alabama	2	1	40	8	
Pennsylvania					760	Texas	1	2	1,200	263	
Ohio	59	788	838,495	43,278	3,601	Montana					50,272
Indiana	2	2	575	83	4,904	Idaho	8	52	26,237	6,499	762
Michigan	153	1,097	211,660	41,497	274,756	Wyoming	2	40	5,000	300	
Wisconsin					11,486	Colorado	115	1,424	339,820	88,501	190,046
Iowa	1	30	5,000	1,000	550	New Mexico					6,014
Nebraska	4	58	21,750	2,308	16,645	Washington	202	2,652	2,809,094	506,693	1,774,103
Kansas					12,976	Oregon	6	8	1,581	869	1,890
						California	150	5,711	2,380,654	884,601	5,472,623

**TABLE 46.—VETCH SEED—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY STATES, 1929**

STATE	Farms reporting	Acreage	Production (bushels)	Value	STATE	Farms reporting	Acreage	Production (bushels)	Value
<b>United States</b>	212	3,730	57,884	\$141,821	<b>States—Continued.</b>				
New York	1	20	70	172	Kansas	3	13	68	\$167
Illinois	2	41	625	1,631	North Carolina	3	4	28	69
Michigan	22	148	1,606	3,936	Washington	78	970	20,479	60,176
Wisconsin	1	10	12	29	Oregon	76	1,588	24,414	59,815
					California	26	936	10,682	25,927



Crops hogged or grazed off and sweetclover for pasture.—The 1930 general farm schedule called for the acreage of sweetclover for pasture in 1929. This inquiry had not appeared on the general farm schedule at any previous census. Sweetclover for pasture is not included with crop acreage, but it has such an important effect upon total acreages in the major sweetclover States that it must be considered in any study of acreage changes.

It is not possible to determine what proportion of sweetclover was included under crops hogged or grazed off in the past. The figures on other crops hogged or grazed off do not include corn hogged or grazed off, which is reported separately. Annual legumes, which constitute a considerable portion of the crops hogged or grazed off, are included with legumes for all purposes and not included in the acreage of other crops hogged or grazed off.

TABLE 47.—CROPS HOGGED OR GRAZED OFF AND SWEETCLOVER FOR PASTURE—FARMS REPORTING AND ACREAGE, BY DIVISIONS AND STATES, 1929

DIVISION AND STATE	CORN HOGGED OR GRAZED OFF		OTHER CROPS HOGGED OR GRAZED OFF <sup>1</sup>		SWEETCLOVER FOR PASTURE		DIVISION AND STATE	CORN HOGGED OR GRAZED OFF		OTHER CROPS HOGGED OR GRAZED OFF <sup>1</sup>		SWEETCLOVER FOR PASTURE	
	Farms reporting	Acreage	Farms reporting	Acreage	Farms reporting	Acreage		Farms reporting	Acreage	Farms reporting	Acreage	Farms reporting	Acreage
United States.....	291,822	4,309,797	8,540	142,059	128,524	1,759,479	WEST NORTH CENTRAL—Continued.						
<b>GEOGRAPHIC DIVISIONS:</b>							Nebraska.....	25,809	589,543	85	1,606	13,427	192,116
New England.....	1,293	3,336	38	124	580	2,598	Kansas.....	7,343	176,473	214	3,385	11,692	153,910
Middle Atlantic.....	5,019	20,356	136	525	4,975	38,550	<b>SOUTH ATLANTIC:</b>						
East North Central.....	72,124	809,784	253	2,616	33,911	391,435	Delaware.....	38	263	2	7	135	1,142
West North Central.....	158,532	2,799,740	562	8,562	67,208	1,087,290	Maryland.....	415	2,710	5	50	341	3,653
South Atlantic.....	14,017	112,802	1,047	5,026	3,329	18,980	District of Columbia.....	3	3	1	42		
East South Central.....	11,956	103,970	259	2,001	4,587	30,644	Virginia.....	1,620	9,979	36	247	875	6,484
West South Central.....	16,598	203,066	3,984	61,989	7,502	84,781	West Virginia.....	384	1,340	10	59	222	1,360
Mountain.....	9,502	237,134	756	16,462	4,577	79,598	North Carolina.....	3,132	16,157	82	262	1,427	5,010
Pacific.....	2,481	19,600	1,505	44,754	1,855	25,603	South Carolina.....	1,479	9,195	35	216	316	1,193
							Georgia.....	4,841	47,472	470	1,589		
<b>NEW ENGLAND:</b>							Florida.....	2,125	26,688	406	2,554	13	138
Maine.....	204	402	7	24	15	56	<b>EAST SOUTH CENTRAL:</b>						
New Hampshire.....	194	381	2	7	58	325	Kentucky.....	3,302	32,983	16	204	1,712	13,601
Vermont.....	255	831	6	8	226	708	Tennessee.....	5,661	50,878	80	1,358	1,225	7,938
Massachusetts.....	297	741	20	74	140	605	Alabama.....	1,993	14,679	122	301	885	4,006
Rhode Island.....	89	244			21	95	Mississippi.....	1,000	5,480	41	138	815	5,099
Connecticut.....	254	787	3	11	120	809	<b>WEST SOUTH CENTRAL:</b>						
<b>MIDDLE ATLANTIC:</b>							Arkansas.....	3,046	20,296	26	120	672	3,823
New York.....	2,555	9,673	92	334	2,799	23,444	Louisiana.....	1,303	7,897	18	23	105	992
New Jersey.....	271	1,469	1	10	231	1,925	Oklahoma.....	5,009	73,786	989	14,520	5,772	69,052
Pennsylvania.....	2,193	9,214	43	181	1,945	13,181	Texas.....	7,240	101,117	2,951	47,312	953	10,914
<b>EAST NORTH CENTRAL:</b>							<b>MOUNTAIN:</b>						
Ohio.....	17,711	186,289	65	665	6,509	76,482	Montana.....	2,500	58,352	31	776	1,257	80,583
Indiana.....	19,877	245,514	55	713	3,800	51,250	Idaho.....	670	4,298	52	703	737	7,124
Illinois.....	21,409	270,592	52	816	9,013	135,310	Wyoming.....	2,010	65,013	28	926	484	6,451
Michigan.....	5,785	49,075	23	184	6,401	59,094	Colorado.....	2,876	93,391	163	3,845	1,515	29,952
Wisconsin.....	7,342	58,313	53	238	8,188	68,669	New Mexico.....	1,024	11,927	57	850	114	1,510
<b>WEST NORTH CENTRAL:</b>							Arizona.....	270	2,180	401	9,155	90	673
Minnesota.....	19,829	212,290	47	300	10,121	147,903	Utah.....	409	1,827	14	113	349	2,559
Iowa.....	60,642	695,933	37	420	11,092	159,915	Nevada.....	43	196	10	95	72	746
Missouri.....	13,094	187,867	111	1,621	4,715	61,145	<b>PACIFIC:</b>						
North Dakota.....	9,183	216,873	20	614	8,930	233,917	Washington.....	490	2,568	218	703	706	5,362
South Dakota.....	22,632	720,720	48	616	7,261	133,384	Oregon.....	878	5,089	116	2,046	422	3,562
							California.....	1,118	11,943	1,171	42,005	727	16,679

<sup>1</sup> Does not include annual legumes.

Hay and forage.—Statistics for hay and forage crops grown in 1929 appear by States in Table 49. Figures for 1919 are presented for comparative purposes. Some of the 1919 figures are not strictly comparable.

The 1919 figures for timothy alone and "timothy and clover mixed" were secured separately. In 1929, timothy grown alone and "timothy and clover mixed" were reported together. The separate figures for 1919 have been combined in order to present a comparison. In 1920, the general farm schedule called for all clover grown alone. In 1930, there were two inquiries on clover grown alone: (1) Red, alsike, and mammoth

clover cut for hay, and (2) sweet, crimson, and Japan clover cut for hay.

In 1920, the general farm schedule called for annual legumes cut for hay while the 1930 general farm schedule called for annual legumes saved for hay. Peanut vines are often saved for hay, not cut for hay, hence peanut-vine hay was more fully reported in 1930 than in 1920. The acreage of all these principal legumes is also reported individually under the acreage of annual legumes for all purposes.

In 1920, the general farm schedule called for the acreage and production of all crops cut for silage,

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while the 1930 general farm schedule called for only corn cut for silage. However, corn is the source of the major portion of all silage, hence the 1929 and 1919 figures are fairly comparable. The 1920 inquiry on sorghums for forage did not include sorghums for silage, while the 1930 inquiry asked that the acreage and production of sorghums for silage be included with the acreage and production of sorghums for hay and fodder.

The corn inquiries on the 1920 general farm schedule were not grouped together as they were on the 1930 general farm schedule, neither was there a question calling for the total acreage of corn for all purposes on the 1920 general farm schedule. The acreage and

production of corn for forage was called for in 1920. In many sections, corn fodder or forage is a by-product of corn harvested for grain, hence in 1920 the census secured the acreage of corn for fodder which was largely duplicated in the acreage of corn harvested for grain. Inquiries on the 1930 general farm schedule made it possible to eliminate most of this duplication. For most States, the figures for 1929 and 1919 on corn for fodder are not closely comparable. No production nor value figures were secured for corn for fodder in 1930.

The number of farms reporting all hay for 1929 is the result of a tally of all farms reporting either tame or wild hay and sorghums cut for silage, hay, and fodder.

**TABLE 48.—HAY—SUMMARY FOR THE UNITED STATES: 1849 TO 1929**

[Excludes sorghums cut for silage, hay, or fodder, with the exception of figures for production and value for 1924. Statistics for divisions and States in Table 49]

ITEM	1929	1924	1919	1909	1899	1889 <sup>1</sup>	1879	1869	1859	1849
Acreage.....	67,827,899	74,095,942	72,779,888	68,227,310	58,583,847	52,948,797	39,631,054			
Increase over preceding census <sup>2</sup> .....	-6,268,043	1,316,054	4,552,578	9,643,463	5,035,050	22,317,743				
Per cent of increase <sup>2</sup> .....	-8.5	1.8	6.7	16.5	10.6	72.9				
Production (tons).....	85,280,764	68,384,249	90,855,540	87,216,351	71,112,709	66,831,489	35,159,711	27,316,048	19,083,896	13,808,642
Increase over preceding census <sup>2</sup> .....	-3,103,485	-1,971,201	3,139,189	16,103,642	4,281,229	31,686,769	7,834,663	8,232,152	5,245,254	
Per cent of increase <sup>2</sup> .....	-3.5	-2.2	3.6	22.6	6.4	96.1	28.7	43.1	37.9	
Average yield per acre.....	1.26	1.19	1.24	1.28	1.21	1.26	1.15			
Value.....	\$988,436,875	\$1,076,254,200	\$1,953,140,124	\$776,067,880						
Increase over preceding census <sup>2</sup> .....	-\$87,817,421	-\$876,894,828	\$1,177,081,244							
Per cent of increase <sup>2</sup> .....	-8.2	-44.9	151.7							
Average per ton.....	\$11.69	\$12.18	\$21.62	\$8.90						
Average per acre.....	\$14.57	\$14.53	\$26.84	\$11.37						
Per cent that value of hay formed of total value of all crops.....	12.2	(4)	13.2	14.8						

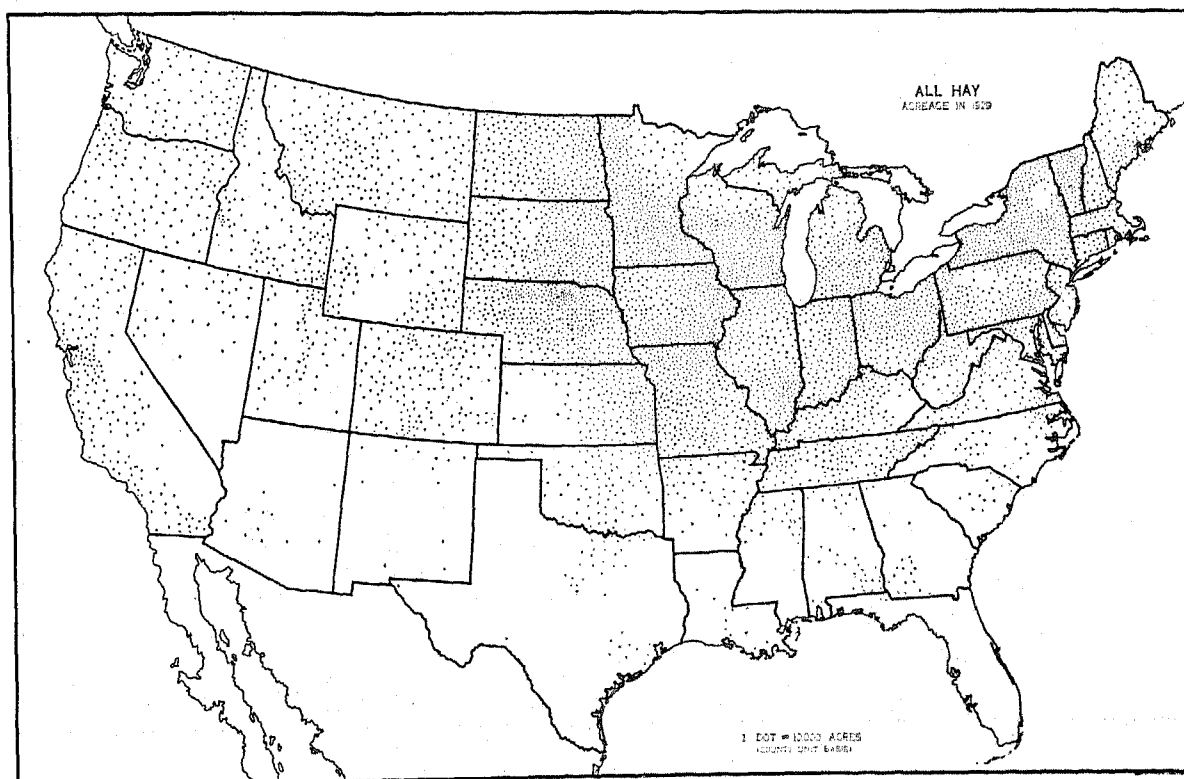
<sup>1</sup> The figures include small quantities of coarse forage crops.

<sup>2</sup> A minus sign (-) denotes decrease.

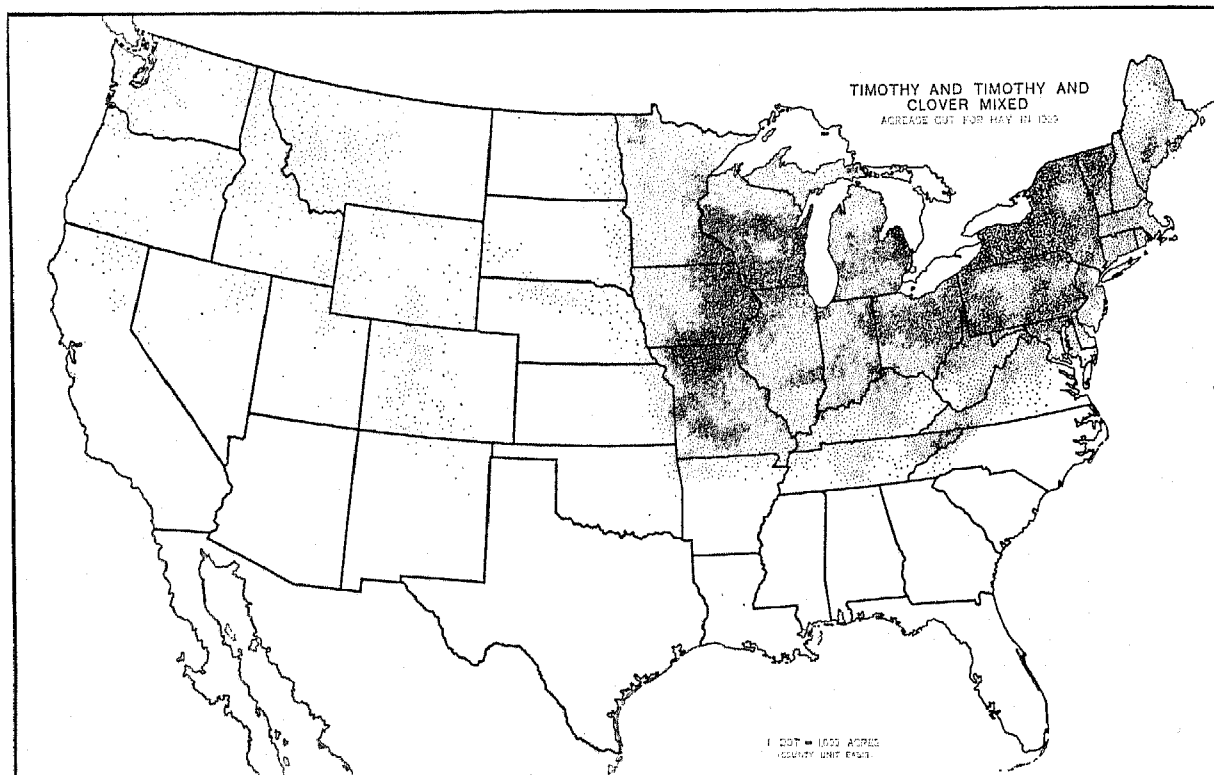
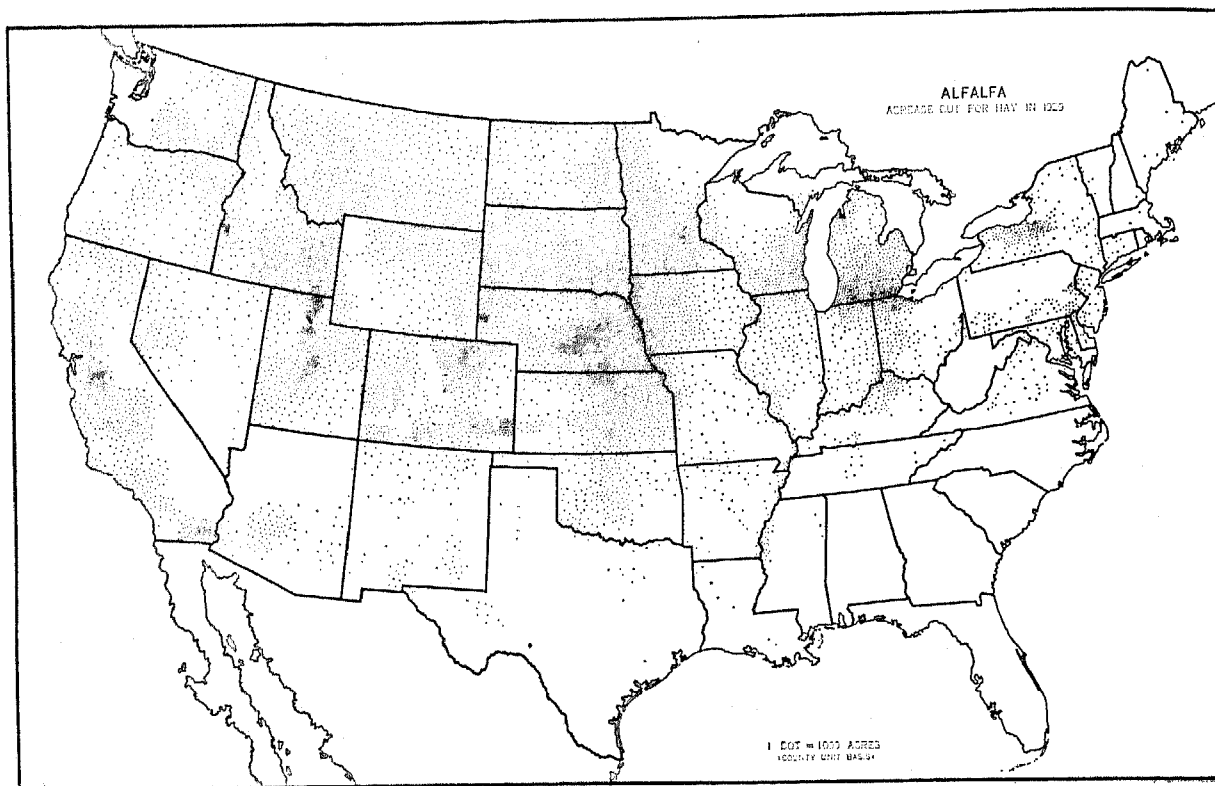
<sup>3</sup> The decrease 1919 to 1929 was: Acreage, 6.8 per cent; production, 5.6 per cent; and value, 49.4 per cent.

<sup>4</sup> Includes all sorghums cut for silage, hay, or fodder.

<sup>5</sup> Figures not available.

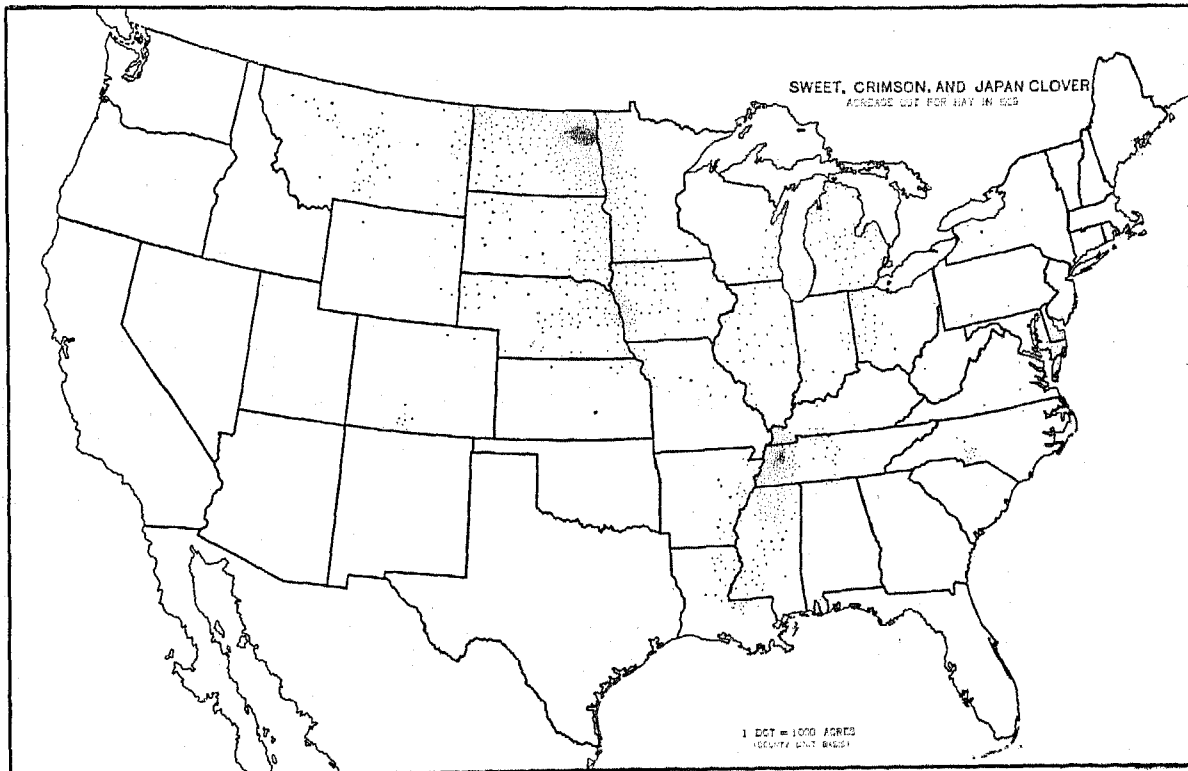
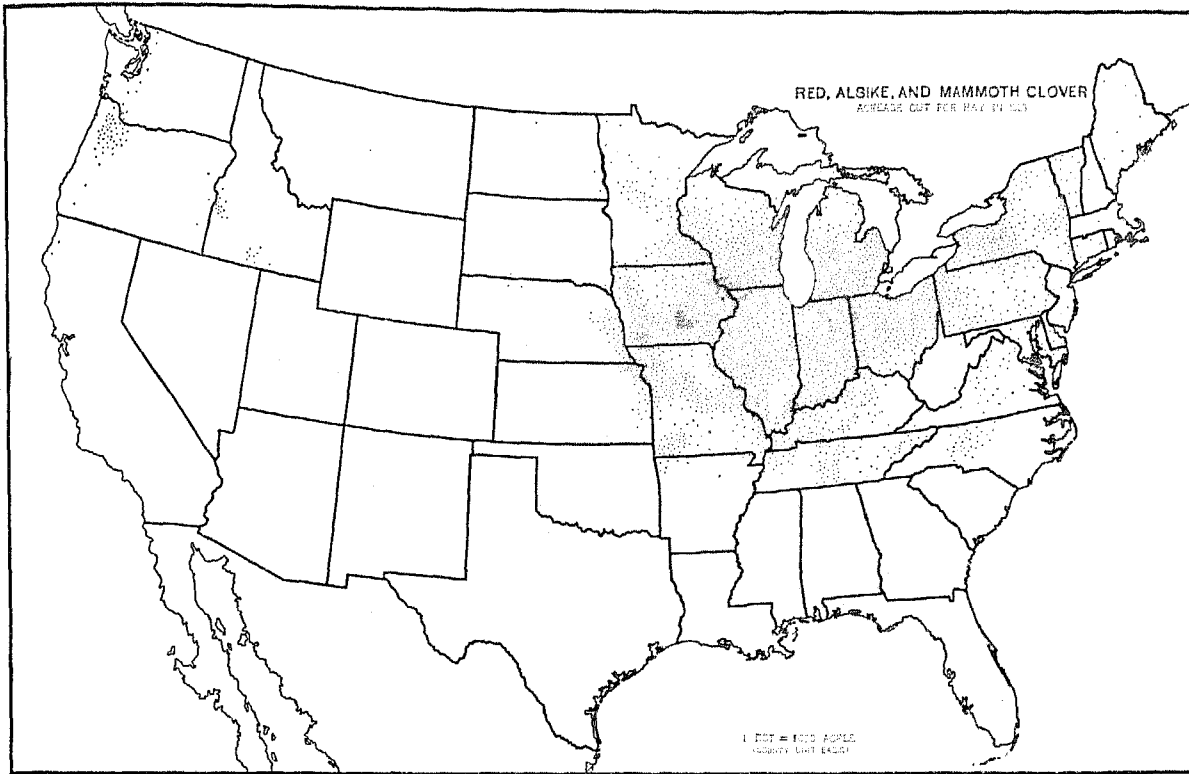


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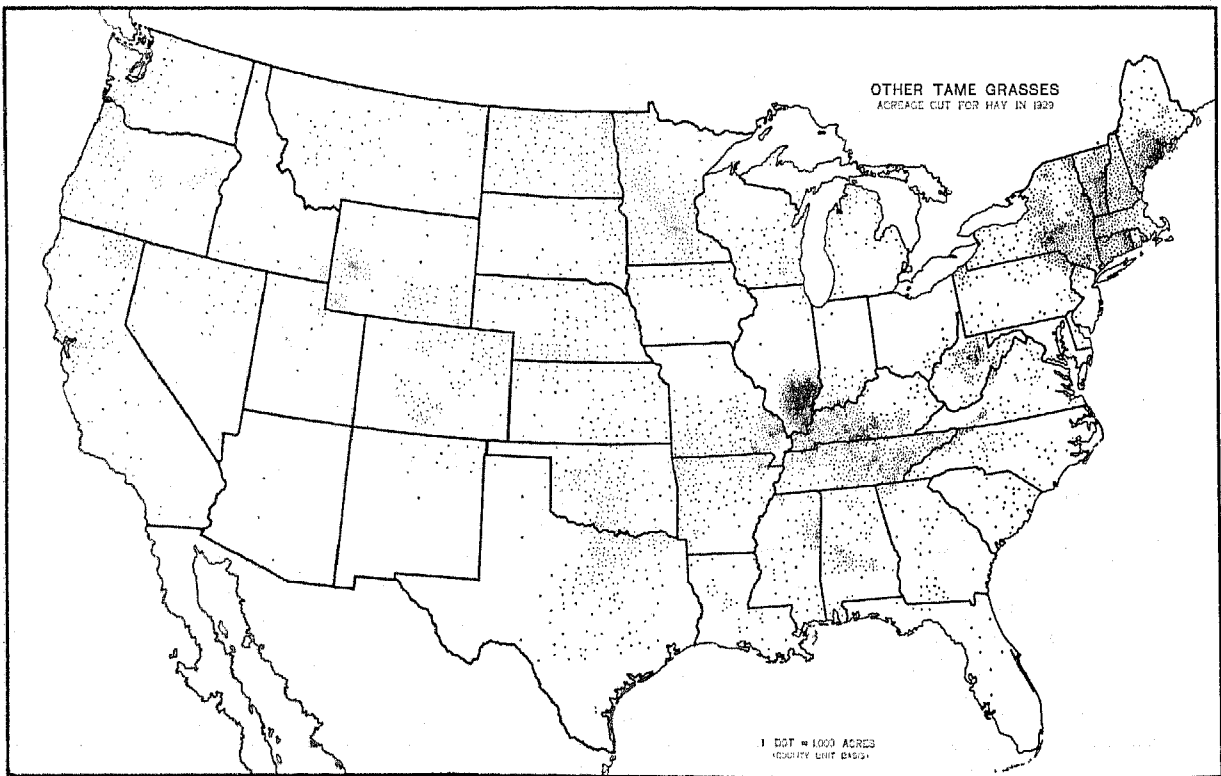
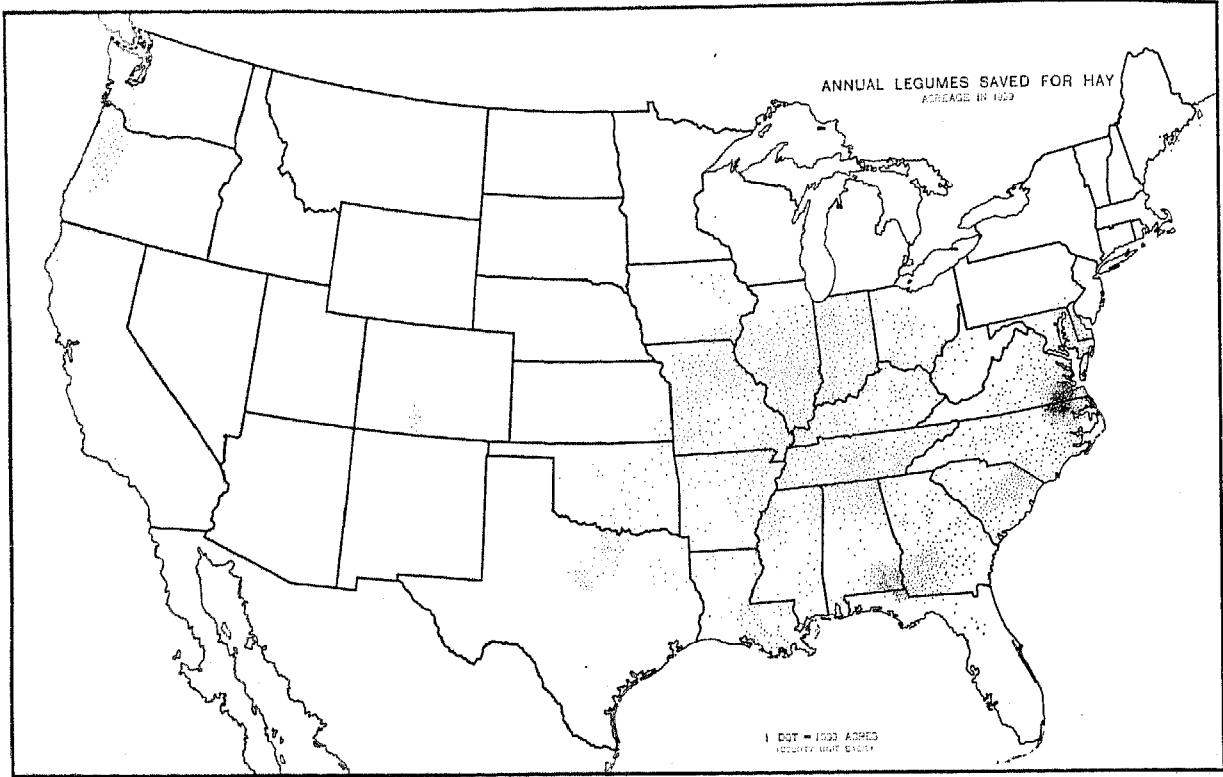


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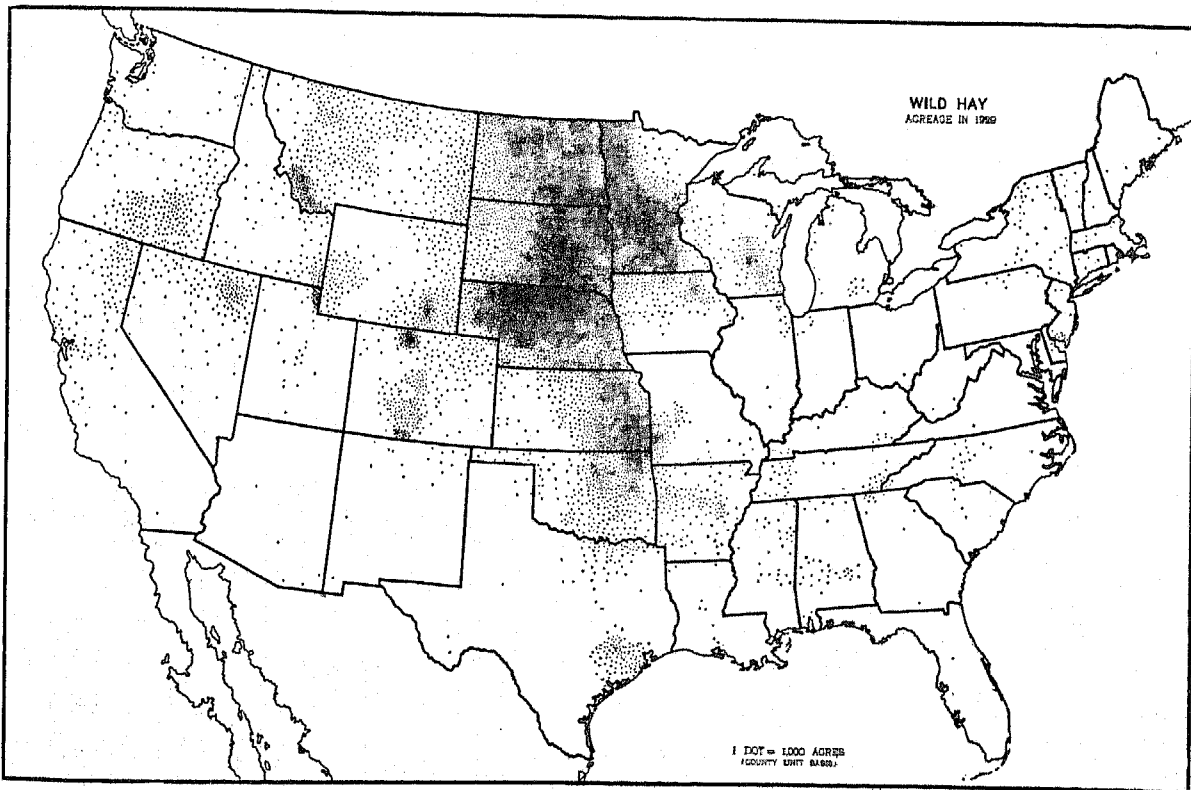
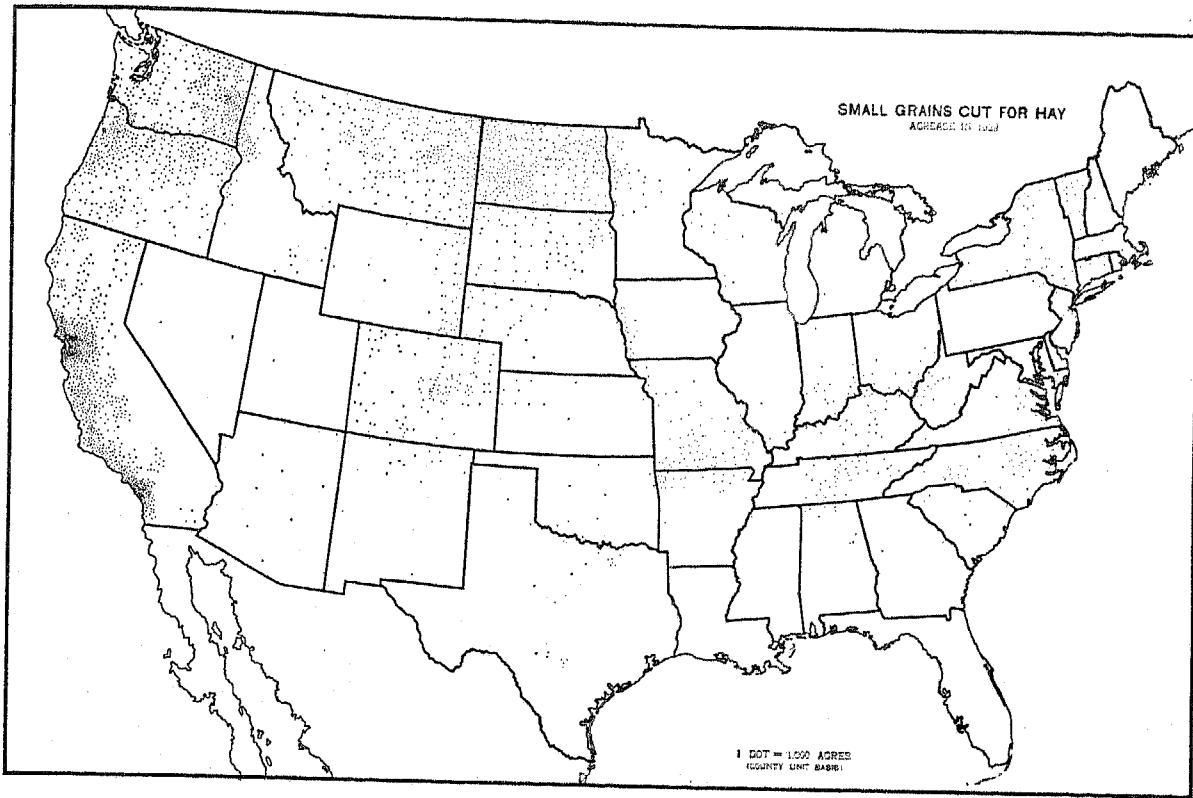


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TABLE 49.—HAY AND FORAGE<sup>1</sup>—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
	<b>UNITED STATES</b>											
Total.....	4,329,161		82,467,990	96,121,228	121,024,992	146,343,241	1.47	1.52	\$1,189,205,638	\$2,523,050,224	\$9.80	\$17.24
All hay crops.....	3,437,918		67,827,859	72,779,888	85,280,704	90,355,540	1.20	1.24	988,436,876	1,953,149,124	11.50	21.02
Tame hay.....	806,429	542,549	54,811,223	55,653,403	74,312,616	74,724,252	1.37	1.34	907,255,915	1,726,640,510	12.21	23.11
Alfalfa.....			11,516,811	8,624,811	23,492,505	18,853,133	2.04	2.19	317,043,137	416,178,534	13.49	22.07
Timothy and timothy and clover mixed.....	1,491,287		25,547,279	30,240,752	31,485,896	38,141,216	1.23	1.20	352,112,817	609,712,422	11.18	23.85
Clover alone.....		328,878	5,612,805	3,160,415	7,834,103	4,147,060	1.40	1.31	56,732,330	100,240,755	11.07	24.17
Red, alsike, and mammoth clover.....	341,546		4,202,607		6,221,602		1.48		60,598,296		11.19	
Sweet, crimson, and Japan clover.....	123,682		1,410,195		1,612,441		1.14		17,134,094		10.63	
Annual legumes saved for hay.....	434,472	329,547	4,005,539	4,846,914	2,935,402	1,716,195	0.96	0.93	45,464,629	47,094,363	15.49	27.44
Small grains cut for hay.....	249,674	513,877	3,204,965	5,674,854	3,433,253	5,462,853	1.07	0.96	46,674,267	120,220,829	13.59	22.01
Other tame grasses.....	416,301	619,616	5,362,653	6,055,657	5,130,457	6,403,505	0.96	1.06	59,228,735	133,181,607	11.54	20.80
Wild, salt, or prairie grasses.....	441,591	529,819	13,516,676	17,126,485	10,968,148	15,631,288	0.81	0.91	81,180,960	226,502,614	7.40	14.49
Silage and miscellaneous forage crops.....			8,361,458	8,750,075	35,571,560	37,595,014	4.25	4.30	196,883,541	352,876,465	5.53	9.39
Corn for silage.....	379,364	378,887	4,005,539	4,003,226	29,172,181	29,682,041	7.28	7.41	142,140,551	240,022,358	4.87	8.09
Sorghums for silage, hay, or fodder.....	421,712	475,626	4,355,919	4,746,849	6,399,386	7,012,973	1.47	1.07	54,742,980	112,854,077	8.55	14.26
Corn cut for fodder.....	600,439	1,413,490	6,263,881	14,502,932	17,793,742		1.23			206,934,660	11.63	
Root crops for forage.....	8,459	51,045	14,752	88,333	172,662	698,946	11.70	6.78	886,220	10,080,985	5.13	16.86
<b>GEOGRAPHIC DIVISIONS</b>												
<b>NEW ENGLAND</b>												
Total.....		145,035	2,914,162	3,573,729	4,306,558	5,308,632	1.48	1.49	45,646,588	103,946,054	10.60	20.52
All hay crops.....	109,110		2,772,121	3,381,095	3,179,415	3,861,503	1.15	1.14	39,430,491	96,309,895	12.40	24.94
Tame hay.....		4,410	2,746,388	3,322,344	3,154,817	3,802,509	1.15	1.14	39,242,287	95,388,395	12.44	25.08
Alfalfa.....			29,260	5,147	52,495	10,993	1.79	2.14	1,042,134	335,582	19.85	30.53
Timothy and timothy and clover mixed.....	80,385		1,830,112	2,272,391	2,239,800	2,744,660	1.22	1.21	28,631,901	70,571,743	12.78	25.71
Clover alone.....		3,258	40,379	24,601	65,748	37,037	1.63	1.51	900,129	920,289	13.83	24.85
Red, alsike, and mammoth clover.....	4,255		37,369		61,095		1.63		851,484		13.94	
Sweet, crimson, and Japan clover.....	471		3,010		4,653		1.55		57,645		12.39	
Annual legumes saved for hay.....	657	1,337	7,622	9,722	8,098	11,914	1.06	1.23	92,970	285,418	11.48	23.96
Small grains cut for hay.....	10,994	26,305	37,317	77,449	67,689	136,826	1.81	1.77	756,328	2,949,817	11.17	21.56
Other tame grasses.....	40,961	50,347	801,698	933,034	720,981	861,379	0.90	0.92	7,800,825	20,328,516	10.83	23.60
Wild, salt, or prairie grasses.....	2,491	6,202	25,733	58,751	24,698	58,694	0.96	1.00	188,204	921,600	7.65	15.70
Silage and miscellaneous forage crops.....			116,379	122,559	1,124,039	1,211,569	9.66	9.89	6,208,557	9,226,849	5.52	7.62
Corn for silage.....	16,911	19,785	116,035	121,955	1,123,164	1,210,345	9.68	9.92	6,190,675	9,211,000	5.51	7.61
Sorghums for silage, hay, or fodder.....	131	335	344	604	1,475	1,224	4.29	2.03	12,582	15,349	8.73	12.54
Corn cut for fodder.....	10,066	21,701	25,310	60,700		189,277		3.11		2,282,336	12.06	
Root crops for forage.....	273	5,112	352	9,286	2,504	46,283	7.11	4.98	12,520	1,127,466	5.00	24.36
<b>MIDDLE ATLANTIC</b>												
Total.....		381,898	7,642,820	9,657,707	13,623,827	16,359,065	1.78	1.69	138,771,195	298,852,988	10.04	18.27
All hay crops.....	302,766		6,595,307	8,181,183	10,159,850	12,043,713	1.25	1.24	111,193,812	249,000,888	12.86	24.51
Tame hay.....		37,218	6,528,374	8,070,787	8,585,533	10,043,713	1.26	1.24	110,693,988	247,483,082	12.89	24.64
Alfalfa.....			307,905	165,788	579,973	357,687	1.88	2.10	10,234,764	9,831,943	17.69	25.50
Timothy and timothy and clover mixed.....	274,931		5,434,794	6,867,287	6,709,785	8,536,967	1.23	1.24	84,504,552	213,517,611	12.59	25.01
Clover alone.....		24,270	399,128	213,191	625,907	323,382	1.67	1.52	8,185,441	7,465,904	13.03	23.09
Red, alsike, and mammoth clover.....	36,065		373,955		589,599		1.58		7,739,209		13.13	
Sweet, crimson, and Japan clover.....	3,232		25,173		36,308		1.44		449,232		12.37	
Annual legumes saved for hay.....	2,884	2,193	16,866	12,050	12,027	16,940	1.34	1.41	342,972	311,826	15.16	18.41
Small grains cut for hay.....	11,225	22,002	55,786	110,499	90,950	159,357	1.03	1.44	1,149,218	3,263,941	12.69	20.48
Other tame grasses.....	32,275	43,757	613,895	707,972	550,285	649,380	0.91	0.92	6,276,051	13,089,152	11.23	20.16
Wild, salt, or prairie grasses.....	5,048	9,372	69,933	104,396	62,811	116,146	0.94	1.11	498,824	1,577,806	7.94	13.58
Silage and miscellaneous forage crops.....			497,641	511,818	4,070,688	4,914,997	8.32	8.60	25,553,258	35,888,847	5.14	7.20
Corn for silage.....	72,627	68,024	596,846	506,984	4,908,858	4,905,395	8.33	8.68	25,536,721	35,290,818	5.14	7.19
Sorghums for silage, hay, or fodder.....	277	1,077	795	4,834	1,800	9,302	2.26	1.92	16,537	95,029	9.19	10.54
Corn cut for fodder.....	43,539	134,315	149,376	954,536		1,217,133		1.28		18,190,483	10.84	
Root crops for forage.....	389	6,770	496	10,170	4,825	67,376	6.78	6.62	24,125	1,212,768	5.00	18.00
<b>EAST NORTH CENTRAL</b>												
Total.....		828,007	16,829,927	20,374,731	32,615,212	37,693,623	1.94	1.85	268,131,312	601,127,752	8.29	15.95
All hay crops.....	761,846		13,880,787	14,204,086	19,239,429	17,849,999	1.39	1.28	207,366,222	427,758,698	10.78	23.96
Tame hay.....		178,477	13,627,398	13,729,199	18,980,546	17,278,343	1.39	1.26	205,462,087	419,976,466	10.82	24.31
Alfalfa.....			1,425,758	389,643	2,769,462	778,559	1.94	2.00	41,412,732	23,130,714	14.95	29.71
Timothy and timothy and clover mixed.....	560,681		8,642,867	11,048,662	11,509,873	13,939,791	1.33	1.26	114,941,596	330,833,587	9.99	24.38
Clover alone.....		130,163	2,248,710	1,399,487	3,396,165	1,731,755	1.51	1.24	35,202,334	41,661,282	10.37	24.06
Red, alsike, and mammoth clover.....	163,800		2,063,802		3,150,029		1.53		32,887,756		10.44	
Sweet, crimson, and Japan clover.....	19,295		184,914		246,136		1.33		2,314,551		9.40	
Annual legumes saved for hay.....	78,121	16,041	585,256	165,549	741,060	100,171	1.27	0.95	8,688,128	2,266,464	11.70	22.63
Small grains cut for hay.....	18,097	41,568	1,000,617	238,051	102,563	234,220	1.02	0.98	975,558	4,505,756	9.51	19.24
Other tame grasses.....	39,424	46,837	624,184	547,817	461,423	493,838	0.74	0.90	4,261,738	8,578,663	9.24	17.37
Wild, salt, or prairie grasses.....	21,927	39,643	253,389	474,977	258,883	571,656	1.02	1.20	1,904,135	7,782,232	7.36	13.61
Silage and miscellaneous forage crops.....			1,829,817	1,836,634	13,349,149	13,904,356	7.30	7.60	60,631,920	113,665,871	4.54	8.14
Corn for silage.....	180,989	184,060	1,825,650	1,817,963	13,343,443	13,934,969	7.30	7.67	60,589,276	113,337,158	4.54	8.13
Sorghums for silage, hay, or fodder.....	910	3,332	3,167	18,581	5,706	29,387	1.10	1.58	42,644	328,713	7.47	11.19
Corn cut for fodder.....	134,239	395,107	1,116,620	4,309,609		5,760,163		1.33		57,936,061	10.08	
Root crops for forage.....	2,652	16,592	24,602		26,634	129,105	9.85	5.25	133,170	1,767,122	5.00	13.69

<sup>1</sup> See text discussion.

<sup>2</sup> Includes corrections for slight error in sorghum figures for Knox, Mitchell, and Nolan Counties, Texas.





TABLE 49.—HAY AND FORAGE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919—Continued

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
GEOGRAPHIC DIVISIONS—Contd.												
MOUNTAIN												
Total.....		176,756	7,905,581	7,450,216	11,733,495	10,969,034	1.48	1.47	\$127,303,707	\$227,534,638	\$10.85	\$20.74
All hay crops.....	165,196		7,213,347	6,479,390	10,884,856	9,469,375	1.51	1.46	121,493,860	208,524,482	11.16	22.02
Tame hay.....			5,552,863	4,959,445	9,461,112	8,245,595	1.70	1.66	169,037,965	184,061,148	11.52	22.32
Alfalfa.....	116,894	97,859	3,609,548	2,846,067	7,355,647	6,317,186	2.04	2.22	86,225,530	138,869,394	11.72	21.98
Timothy and timothy and clover mixed.....	10,791		777,462	714,847	1,022,915	865,228	1.32	1.21	11,003,385	22,141,006	11.34	25.59
Clover alone.....		3,360	149,746	47,317	169,020	63,015	1.13	1.33	1,750,831	1,369,953	10.39	21.74
Red, alsike, and mammoth clover.....	3,491		49,654		69,843		1.41		770,870		11.04	
Sweet, crimson, and Japan clover.....	4,702		100,092		99,177		0.99		985,961		9.94	
Annual legumes saved for hay.....	749	1,890	20,039	32,502	26,693	37,369	1.23	1.15	245,768	659,283	9.21	17.67
Small grains cut for hay.....	27,608	41,714	599,867	940,200	454,544	574,575	0.81	0.61	5,839,964	13,098,913	11.43	22.80
Other tame grasses.....	8,374	14,281	396,201	378,512	402,263	338,282	1.02	1.03	3,666,507	7,861,699	9.11	20.25
Wild, salt, or prairie grasses.....	19,863	19,427	1,660,484	1,519,945	1,423,774	1,223,780	0.86	0.81	12,455,875	24,523,334	8.75	20.04
Silage and miscellaneous forage crops.....			466,907	634,876	840,500	1,138,637	1.80	1.79	5,763,060	14,186,214	6.86	12.46
Corn for silage.....	3,616	4,751	61,484	82,633	353,507	400,450	5.75	4.85	2,199,091	3,990,259	6.22	9.96
Sorghums for silage, hay, or fodder.....	16,244	25,070	405,423	532,243	486,963	738,187	1.20	1.34	3,568,909	10,195,955	7.33	13.81
Corn cut for fodder.....	14,413	24,398	224,496	329,104		326,889		0.99		4,243,628		12.98
Root crops for forage.....	285	2,492	781	6,846	8,109	34,133	10.38	4.99	41,787	580,014	5.15	16.99
PACIFIC												
Total.....		167,928	8,852,801	4,498,387	7,919,266	8,706,472	2.06	1.94	118,840,528	186,674,617	14.75	21.33
All hay crops.....	138,773		3,758,146	4,324,498	7,401,193	7,770,501	1.97	1.80	113,381,948	174,093,581	15.32	22.40
Tame hay.....			3,361,060	3,839,628	6,988,228	7,284,307	2.08	1.87	108,978,832	166,537,084	15.69	22.87
Alfalfa.....	58,167	53,652	1,273,005	1,157,967	3,987,818	3,660,890	3.13	3.16	63,764,993	82,465,193	15.99	22.53
Timothy and timothy and clover mixed.....	18,361		277,244	373,584	496,172	661,661	1.79	1.77	7,608,467	15,907,437	15.33	24.04
Clover alone.....		10,065	80,941	86,150	151,273	164,656	1.88	1.91	2,207,652	3,456,135	14.50	20.99
Red, alsike, and mammoth clover.....	8,025		73,704		139,769		1.90		2,049,150		14.66	
Sweet, crimson, and Japan clover.....	889		6,937		11,504		1.66		158,402		13.77	
Annual legumes saved for hay.....	6,098	3,918	66,213	67,998	132,365	80,543	2.00	1.39	1,946,551	1,643,164	14.71	20.40
Small grains cut for hay.....	68,762	66,486	1,405,713	2,029,851	1,828,462	2,415,142	1.30	1.19	28,308,742	87,449,064	15.48	23.79
Other tame grasses.....	14,862	12,463	258,200	384,138	392,198	301,471	1.52	1.64	5,162,527	5,605,549	13.14	18.79
Wild, salt, or prairie grasses.....	7,688	8,067	397,066	434,870	412,965	480,134	1.04	1.12	4,403,116	7,506,497	10.66	15.44
Silage and miscellaneous forage crops.....			57,292	101,443	416,760	575,617	7.27	5.67	2,930,025	5,933,783	7.03	10.31
Corn for silage.....	5,660	8,736	52,358	85,608	403,245	544,901	7.70	6.37	2,808,704	5,499,806	6.97	10.09
Sorghums for silage, hay, or fodder.....	525	1,880	4,934	16,837	13,485	30,716	2.73	1.94	122,221	433,887	9.00	14.13
Corn cut for fodder.....	9,742	10,668	30,218	51,221		100,119		1.95		1,223,278		12.22
Root crops for forage.....	2,875	11,961	7,145	19,225	101,833	260,235	14.18	13.54	527,655	4,423,975	5.21	17.00
NEW ENGLAND												
Maine, total.....												
All hay crops.....	36,317	46,790	930,042	1,245,899	952,622	1,326,289	1.02	1.06	9,687,744	29,568,372	10.17	22.29
Tame hay.....			919,613	1,227,080	884,740	1,206,323	0.96	0.98	9,346,437	28,321,975	10.66	23.48
Alfalfa.....	634	111	915,646	1,212,918	880,926	1,193,717	0.96	0.98	9,318,978	28,151,790	10.58	23.58
Timothy and timothy and clover mixed.....	25,972		8,729	730	9,135		1.05	1.29	127,890	28,320	14.00	30.00
Clover alone.....		995	603,460	875,269	623,165	894,751	1.03	1.02	6,715,529	21,892,451	10.78	24.47
Red, alsike, and mammoth clover.....	1,108		11,019		15,271		1.39		171,538		11.23	
Sweet, crimson, and Japan clover.....	83		704		911		1.29		10,018		11.00	
Annual legumes saved for hay.....	163	314	2,720	2,837	2,422	2,667	0.89	1.05	24,220	66,675	10.00	25.00
Small grains cut for hay.....	1,233	5,336	2,761	15,100	5,266	24,635	1.90	1.03	52,660	492,700	10.00	20.00
Other tame grasses.....	12,681	14,279	286,143	309,895	224,760	258,499	0.79	0.83	2,217,221	5,492,782	9.86	20.90
Wild, salt, or prairie grasses.....	339	1,463	3,568	14,162	3,814	12,606	0.96	0.89	27,461	170,186	7.20	13.50
Silage and miscellaneous forage crops.....			7,356	10,801	67,456	87,878	9.17	8.14	339,177	747,947	5.03	8.51
Corn for silage.....	1,883	2,912	7,209	10,657	60,667	87,634	8.29	8.20	334,755	744,802	6.00	8.50
Sorghums for silage, hay, or fodder.....	66	80	147	114	499	244	3.39	2.14	4,302	3,055	8.80	12.52
Corn cut for fodder.....	1,675	3,302	3,109	6,255		22,817		3.65		288,217		12.50
Root crops for forage.....	47	1,872	64	1,563	426	9,271	6.66	6.98	2,130	219,233	5.00	23.00
New Hampshire, total.....												
All hay crops.....	13,616	19,624	339,142	465,303	444,662	606,713	1.31	1.30	4,900,989	13,616,378	11.02	22.44
Tame hay.....			329,658	449,459	362,860	480,815	1.10	1.07	4,461,389	12,388,144	12.29	25.78
Alfalfa.....	703	105	325,949	438,584	369,767	470,484	1.10	1.07	4,438,139	12,226,048	12.34	25.99
Timothy and timothy and clover mixed.....	5,955		2,778	379	6,259		1.89	1.87	106,812	24,984	20.12	34.50
Clover alone.....		347	192,789	261,496	230,973	301,874	1.20	1.15	2,989,464	8,344,455	12.94	27.64
Red, alsike, and mammoth clover.....	379		2,758	2,819	4,739	3,719	1.72	1.32	58,384	100,413	12.32	27.00
Sweet, crimson, and Japan clover.....			2,459		4,295		1.75		53,145		12.37	
Annual legumes saved for hay.....	50	109	299	1,371	444	1,399	1.48	1.09	5,239		11.80	
Small grains cut for hay.....	1,296	4,843	3,550	11,138	6,661	20,938	1.93	1.88	12,629	35,808	11.00	24.00
Other tame grasses.....	6,202	8,706	122,968	161,561	110,786	141,764	0.90	0.88	75,471	460,636	11.00	22.00
Wild, salt, or prairie grasses.....	264	1,294	3,706	10,605	3,142	10,131	0.85	0.96	1,106,489	3,260,342	10.80	23.00
Silage and miscellaneous forage crops.....			7,458	10,966	81,479	105,226	10.93	10.52	438,530	948,182	5.88	9.01
Corn for silage.....	1,411	1,940	7,458	10,966	81,466	104,954	10.93	10.61	438,413	944,696	5.88	9.00
Sorghums for silage, hay, or fodder.....	3	40	5	115	13	272	2.60	2.37	117	3,536	9.00	13.00
Corn cut for fodder.....	967	2,281	2,602	6,420		18,766		3.46		225,060		12.00
Root crops for forage.....	18	383	27	412	214	2,117	7.98	5.14	1,070	55,042	5.00	26.00

1 See text discussion.

# INDIVIDUAL CROPS

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TABLE 49.—HAY AND FORAGE<sup>1</sup>—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919—Continued

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
<b>NEW ENGLAND—Continued</b>												
<b>Vermont, total</b> .....		28, 163	887, 252	991, 757	1, 568, 123	1, 748, 358	1.62	1.78	814, 674, 451	829, 581, 464	89.36	816.92
All hay crops.....	24, 131		913, 911	925, 396	1, 141, 206	1, 211, 240	1.25	1.31	12, 624, 675	25, 714, 465	11.06	21.23
Tame hay.....	862	452	908, 167	913, 595	1, 136, 278	1, 198, 094	1.25	1.31	12, 591, 165	25, 559, 136	11.09	21.33
Alfalfa.....			6, 805	1, 765	13, 675	3, 914	2.01	2.22	190, 583	90, 022	13.94	23.00
Timothy and timothy and clover mixed.....	20, 255		680, 707	740, 010	884, 258	1, 005, 188	1.30	1.36	9, 884, 211	22, 187, 946	11.18	22.07
Clover alone.....		657	14, 582	5, 580	25, 263	9, 958	1.73	1.78	310, 464	214, 100	12.29	21.50
Red, alsike, and mammoth clover.....	1, 243		13, 721		23, 863		1.74		293, 726		12.31	
Sweet, crimson, and Japan clover.....	85		861		1, 460		1.63		16, 738		11.96	
Annual legumes saved for hay.....	124	185	1, 710	1, 275	2, 021	1, 805	1.18	1.42	22, 264	24, 840	11.00	16.00
Small grains cut for hay.....	5, 064	5, 226	20, 692	17, 234	38, 567	32, 586	1.86	1.89	424, 237	570, 257	11.00	17.50
Other tame grasses.....	7, 693	6, 693	153, 665	147, 731	172, 491	144, 643	0.94	0.98	1, 759, 406	2, 498, 931	10.20	17.60
Wild, salt, or prairie grasses.....	488	948	5, 744	12, 771	4, 928	13, 146	0.86	1.03	33, 510	164, 329	6.80	12.50
Silage and miscellaneous forage crops.....			44, 677	49, 939	426, 244	475, 338	9.54	9.52	2, 046, 596	3, 690, 319	4.80	6.50
Corn for silage.....	6, 012	7, 446	44, 566	49, 872	425, 624	475, 161	9.55	9.53	2, 041, 175	3, 088, 549	4.80	6.50
Sorghums for silage, hay, or fodder.....	45	47	111	67	690	177	5.95	2.64	5, 411	1, 770	8.20	10.00
Corn cut for fodder.....	3, 079	4, 577	8, 572	12, 847	51, 850	61, 850	4.04	4.04	518, 500	518, 500	10.00	10.00
Root crops for forage.....	74	423	92	2, 605	638	9, 930	6.93	3.81	3, 190	298, 150	5.00	23.00
<b>Massachusetts, total</b> .....		26, 978	354, 634	466, 330	634, 721	871, 573	1.79	1.87	7, 934, 712	29, 149, 137	12.50	23.12
All hay crops.....	18, 425		325, 456	421, 533	421, 070	546, 011	1.29	1.39	6, 679, 892	16, 942, 627	15.86	31.03
Tame hay.....	943	392	318, 112	409, 843	413, 951	533, 400	1.30	1.39	6, 623, 276	16, 709, 320	16.00	31.33
Alfalfa.....			4, 490	1, 163	9, 272	2, 604	2.07	2.24	188, 644	93, 744	20.35	36.00
Timothy and timothy and clover mixed.....	14, 073		210, 756	237, 619	294, 913	334, 196	1.40	1.41	5, 092, 519	11, 032, 723	17.27	33.01
Clover alone.....		578	4, 490	3, 513	7, 689	5, 463	1.72	1.56	131, 549	161, 162	17.11	29.50
Red, alsike, and mammoth clover.....	606		3, 894		6, 764		1.74		119, 521		17.07	
Sweet, crimson, and Japan clover.....	127		572		925		1.62		12, 028		13.00	
Annual legumes saved for hay.....	124	322	1, 196	1, 370	1, 225	2, 302	1.02	1.68	15, 925	57, 550	13.00	25.00
Small grains cut for hay.....	1, 496	5, 891	4, 242	16, 581	7, 777	32, 022	1.53	1.93	93, 324	816, 564	12.00	25.50
Other tame grasses.....	6, 439	8, 569	92, 972	149, 507	93, 075	156, 813	1.00	1.05	1, 101, 315	4, 547, 577	11.83	29.00
Wild, salt, or prairie grasses.....	780	1, 403	7, 344	11, 690	7, 119	12, 611	0.97	1.03	56, 616	233, 307	7.95	18.50
Silage and miscellaneous forage crops.....			22, 905	24, 179	213, 050	256, 398	9.30	10.60	1, 251, 815	2, 053, 254	5.88	8.01
Corn for silage.....	3, 324	3, 672	22, 871	23, 937	212, 914	256, 053	9.31	10.67	1, 250, 517	2, 048, 424	5.87	8.00
Sorghums for silage, hay, or fodder.....	12	110	94	182	136	345	4.00	1.90	1, 238	4, 830	9.54	14.00
Corn cut for fodder.....	2, 420	5, 707	6, 195	17, 269	50, 668	50, 668	2.93	2.93	709, 352	709, 352	14.00	14.00
Root crops for forage.....	67	1, 521	78	3, 352	601	18, 496	7.71	5.52	3, 005	443, 904	5.00	24.00
<b>Rhode Island, total</b> .....		3, 558	39, 889	50, 490	36, 316	90, 926	2.16	1.80	1, 098, 695	3, 319, 186	18.73	25.51
All hay crops.....	2, 400		33, 848	43, 954	43, 311	54, 322	1.28	1.24	822, 652	1, 851, 027	18.99	33.95
Tame hay.....	103	32	33, 431	43, 287	42, 960	53, 882	1.29	1.24	819, 606	1, 836, 307	19.07	34.08
Alfalfa.....			473	110	911	304	1.93	2.76	30, 063	12, 190	33.00	40.00
Timothy and timothy and clover mixed.....	1, 653		20, 573	26, 602	29, 323	34, 570	1.43	1.30	615, 783	1, 282, 368	21.00	30.23
Clover alone.....		87	806	303	1, 301	526	1.61	1.74	26, 239	18, 674	20.16	35.50
Red, alsike, and mammoth clover.....	97		718		1, 145		1.59		24, 045		21.00	
Sweet, crimson, and Japan clover.....	18		88		156		1.77		2, 184		14.00	
Annual legumes saved for hay.....	14	90	164	736	364	1, 061	2.22	1.44	5, 696	31, 830	14.00	30.00
Small grains cut for hay.....	316	904	1, 001	2, 959	1, 618	4, 694	1.62	1.59	19, 416	126, 738	12.60	27.00
Other tame grasses.....	842	1, 176	10, 414	12, 577	9, 463	12, 727	0.91	1.01	123, 019	394, 537	13.90	31.00
Wild, salt, or prairie grasses.....	60	118	417	697	331	640	0.79	0.92	2, 646	14, 720	8.90	23.00
Silage and miscellaneous forage crops.....			4, 616	2, 576	42, 822	26, 363	9.28	10.29	275, 528	303, 193	6.43	11.50
Corn for silage.....	545	340	4, 594	2, 557	42, 783	26, 341	9.31	10.30	275, 118	302, 923	6.43	11.50
Sorghums for silage, hay, or fodder.....	5	8	22	19	39	22	1.77	1.16	410	10, 511	10.51	12.27
Corn cut for fodder.....	451	1, 070	1, 399	3, 588	8, 201	8, 201	2.29	2.29	118, 916	118, 916	14.50	14.50
Root crops for forage.....	19	232	26	342	183	1, 840	7.04	5.38	915	46, 000	5.00	25.00
<b>Connecticut, total</b> .....		20, 022	285, 203	354, 150	620, 179	664, 773	2.19	1.88	7, 549, 677	18, 711, 567	11.85	20.63
All hay crops.....	14, 321		249, 738	312, 673	329, 189	362, 792	1.31	1.16	5, 495, 546	11, 091, 627	16.85	30.57
Tame hay.....	1, 175	359	245, 184	304, 847	329, 625	353, 232	1.31	1.16	5, 451, 125	10, 914, 764	16.99	30.96
Alfalfa.....			5, 995	1, 000	14, 243	2, 520	2.38	2.52	309, 142	86, 942	28.02	34.50
Timothy and timothy and clover mixed.....	9, 477		121, 818	131, 395	177, 174	174, 091	1.45	1.32	3, 334, 405	5, 861, 800	18.82	33.67
Clover alone.....		594	6, 044	2, 999	10, 974	5, 150	1.75	1.72	200, 947	157, 078	19.00	30.50
Red, alsike, and mammoth clover.....	822		5, 558		9, 757		1.76		189, 509		19.42	
Sweet, crimson, and Japan clover.....	108		486		817		1.68		11, 438		14.00	
Annual legumes saved for hay.....	103	251	760	2, 433	924	2, 587	1.23	1.06	12, 636	64, 675	14.00	25.00
Small grains cut for hay.....	1, 584	4, 608	5, 071	14, 437	7, 610	21, 951	1.50	1.52	91, 320	482, 922	12.00	22.00
Other tame grasses.....	7, 104	10, 679	105, 606	151, 583	110, 400	146, 943	1.05	0.97	1, 412, 375	4, 261, 347	12.79	29.00
Wild, salt, or prairie grasses.....	500	1, 056	4, 554	8, 526	5, 264	9, 560	1.16	1.08	44, 421	176, 893	8.44	18.50
Silage and miscellaneous forage crops.....			29, 367	25, 058	293, 548	260, 366	10.00	10.39	1, 851, 921	2, 053, 504	6.31	8.00
Corn for silage.....	3, 836	3, 458	29, 342	24, 951	293, 420	260, 202	10.00	10.43	1, 850, 667	2, 081, 610	6.31	8.00
Sorghums for silage, hay, or fodder.....	10	44	25	107	128	164	5.12	1.53	1, 254	1, 888	9.80	11.51
Corn cut for fodder.....	1, 474	4, 698	4, 033	15, 408	36, 986	36, 986	2.40	2.40	425, 340	425, 340	11.50	11.50
Root crops for forage.....	48	681	65	1, 011	442	4, 629	6.80	4.58	2, 210	111, 096	5.00	24.00

<sup>1</sup> See text discussion.

AGRICULTURE

TABLE 49.—HAY AND FORAGE<sup>1</sup>—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919--Continued

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON		
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	
<b>MIDDLE ATLANTIC</b>													
<b>New York, total</b>		178,404	4,635,083	5,502,943	8,082,986	9,728,317	1.78	1.77	\$77,571,948	\$189,494,524	\$9.80	\$17.42	
All hay crops	140,683		4,096,681	4,987,520	5,154,974	6,264,085	1.26	1.26	63,015,823	143,962,495	12.22	22.98	
Tame hay		15,602	4,054,600	4,921,990	5,117,699	6,193,797	1.20	1.20	62,737,920	143,040,951	12.26	23.09	
Alfalfa	21,113		190,075	119,783	360,164	257,785	1.89	2.15	5,905,507	6,702,410	16.40	26.00	
Timothy and timothy and clover mixed	123,715		3,098,424	3,900,246	3,874,295	5,068,560	1.25	1.27	40,338,238	118,755,506	11.98	23.43	
Clover alone		12,851	229,005	121,959	370,913	196,007	1.62	1.61	4,716,163	4,116,147	12.72	21.00	
Red, alsike, and mammoth clover	19,439		215,621		351,148		1.63		4,476,307		12.75		
Sweet, crimson, and Japan clover	1,527		13,384		19,765		1.48		239,856		12.14		
Annual legumes saved for hay	535	788	5,452	5,465	6,441	7,711	1.18	1.41	92,707	127,242	14.39	16.50	
Small grains cut for hay	8,493	16,939	39,173	88,708	65,824	130,133	1.68	1.47	813,577	2,067,742	12.36	20.50	
Other tame grasses	21,825	28,967	492,471	595,829	440,062	533,595	0.89	0.90	4,871,723	10,671,900	11.07	20.00	
Wild, salt, or prairie grasses	3,190	5,060	42,081	65,530	37,275	70,888	0.89	1.08	277,903	921,544	7.40	13.00	
Silage and miscellaneous forage crops			340,698	330,915	2,925,450	3,161,752	8.59	9.55	14,543,313	22,145,995	4.97	7.00	
Corn for silage	40,834	42,368	340,698	329,314	2,923,935	3,157,185	8.60	9.59	14,529,414	22,100,295	4.97	7.00	
Sorghums for silage, hay, or fodder		543		635		1,516		2.80	13,899		9.17	10.00	
Corn cut for fodder	20,665	40,086	97,443	177,833	255,972	459,972	1.44	1.44	2,589,720	4,507,000	5.00	10.00	
Root crops for forage		222	261	6,675	2,562	45,908	9.82	6.88	12,810	826,244	5.00	18.00	
<b>New Jersey, total</b>		20,985	265,863	387,642	579,077	674,479	2.18	1.74	7,418,977	14,017,095	12.81	30.78	
All hay crops	13,597		228,492	291,739	327,032	394,865	1.43	1.35	5,903,214	11,320,102	18.05	28.07	
Tame hay		2,521	215,620	273,508	310,012	372,880	1.44	1.36	6,752,321	11,000,589	18.68	29.51	
Alfalfa	3,027		25,586	15,232	60,917	35,576	1.99	2.34	1,248,824	1,138,432	24.53	32.00	
Timothy and timothy and clover mixed	11,248		157,219	210,712	212,214	280,203	1.35	1.33	3,780,802	8,532,056	17.86	30.63	
Clover alone		1,131	7,992	9,497	12,591	12,569	1.68	1.32	230,040	304,501	18.27	29.00	
Red, alsike, and mammoth clover	694		6,716		10,760		1.60		204,955		19.05		
Sweet, crimson, and Japan clover	176		1,276		1,831		1.43		25,085		13.70		
Annual legumes saved for hay	407	321	2,704	3,000	3,595	4,289	1.33	1.43	53,925	85,780	15.00	20.00	
Small grains cut for hay	714	1,517	9,315	9,222	14,875	11,719	1.60	1.27	208,250	246,099	14.00	21.00	
Other tame grasses	1,038	2,315	12,804	25,845	15,820	28,474	1.24	1.10	221,480	683,721	14.00	20.50	
Wild, salt, or prairie grasses	559	1,149	12,872	18,231	17,050	22,035	1.32	1.21	150,893	319,513	8.85	14.50	
Silage and miscellaneous forage crops			29,793	18,347	251,680	158,411	8.44	8.03	1,509,888	1,269,179	6.00	8.01	
Corn for silage	2,169	1,745	29,724	17,995	251,478	157,872	8.46	8.77	1,508,868	1,262,976	6.00	8.00	
Sorghums for silage, hay, or fodder		73		69		102		1.48	1.53	1,020		10.00	11.51
Corn cut for fodder	1,341	7,298	7,497	76,405	115,976	639	1.52	1.52	1,333,728	6,203	11.00	11.50	
Root crops for forage		555	81	1,151	435	5,227	5.37	4.54	2,175	94,086	5.00	18.00	
<b>Pennsylvania, total</b>		182,509	2,841,874	3,787,122	4,961,764	5,956,269	1.73	1.58	51,783,972	115,341,387	10.44	18.36	
All hay crops	148,456		2,570,134	2,901,924	3,160,308	3,600,309	1.23	1.21	42,274,775	93,778,291	18.35	26.79	
Tame hay		6,761	2,558,154	2,881,289	3,157,822	3,477,080	1.23	1.21	42,204,747	93,441,542	18.37	26.87	
Alfalfa	13,078		92,244	30,773	168,892	64,328	1.83	2.09	3,070,423	1,994,106	18.23	31.00	
Timothy and timothy and clover mixed	139,968		2,179,151	2,066,329	2,623,276	3,188,108	1.20	1.20	34,376,512	86,180,040	13.10	27.63	
Clover alone		10,288	162,131	81,735	242,403	114,806	1.50	1.40	3,242,238	2,984,956	13.88	26.00	
Red, alsike, and mammoth clover	15,932		151,618		227,691		1.50		3,057,947		13.43		
Sweet, crimson, and Japan clover	1,529		10,513		14,712		1.40		184,291		12.53		
Annual legumes saved for hay	1,042	884	8,710	3,585	12,591	4,940	1.45	1.38	196,340	98,800	15.59	20.00	
Small grains cut for hay	2,018	3,546	7,298	12,569	10,257	17,605	1.41	1.39	127,891	350,100	12.42	20.00	
Other tame grasses	9,412	12,475	108,620	86,298	100,493	87,811	0.92	1.01	1,182,843	1,833,531	11.78	21.00	
Wild, salt, or prairie grasses	1,193	3,163	11,980	20,635	8,486	23,223	0.71	1.13	70,023	336,749	8.25	14.50	
Silage and miscellaneous forage crops			227,150	162,556	1,793,628	1,594,534	7.90	9.81	9,500,057	11,973,703	5.30	7.51	
Corn for silage	29,934	23,911	227,059	159,675	1,793,445	1,590,338	7.90	9.86	9,498,439	11,927,547	5.30	7.50	
Sorghums for silage, hay, or fodder		461		91		183		2.01	1,618		8.84	11.00	
Corn cut for fodder	12,533	77,931	44,436	700,298	845,185	4,196	1.21	1.21	9,297,935	40,156	11.00	11.00	
Root crops for forage		1,553	154	2,344	1,828	10,241	11.87	6.93	9,140	292,338	5.00	18.00	
<b>EAST NORTH CENTRAL</b>													
<b>Ohio, total</b>		222,068	3,001,971	4,917,959	4,856,761	7,661,600	1.61	1.56	41,915,159	130,187,929	8.67	16.99	
All hay crops	167,991		2,625,351	3,026,527	3,456,562	3,716,036	1.32	1.23	35,035,578	94,431,119	10.14	25.41	
Tame hay		17,831	2,622,210	3,023,131	3,454,172	3,711,630	1.32	1.23	35,019,626	94,373,841	10.14	25.43	
Alfalfa	25,824		190,261	94,418	368,967	187,904	1.94	1.90	5,286,412	6,637,120	14.33	30.00	
Timothy and timothy and clover mixed	135,770		1,903,347	2,626,047	2,359,636	3,169,186	1.24	1.21	22,452,379	80,080,687	9.52	25.27	
Clover alone		25,194	416,890	250,010	589,219	300,680	1.41	1.20	5,806,427	7,517,000	9.86	25.00	
Red, alsike, and mammoth clover	33,757		380,374		545,775		1.43		5,409,073		9.91		
Sweet, crimson, and Japan clover	3,892		36,522		43,444		1.19		400,354		9.22		
Annual legumes saved for hay	13,092	1,391	69,030	5,670	97,443	7,974	1.41	1.41	1,090,650	175,428	11.19	22.00	
Small grains cut for hay	3,981	4,455	20,843	19,751	18,949	20,875	0.91	1.06	189,196	438,375	9.93	21.00	
Other tame grasses	2,326	3,457	21,833	26,335	19,958	25,011	0.91	0.95	191,562	625,231	9.60	21.00	
Wild, salt, or prairie grasses	325	413	3,141	3,390	2,380	4,406	0.76	1.30	15,952	57,278	6.70	13.00	
Silage and miscellaneous forage crops			180,448	220,536	1,379,804	1,913,358	7.65	8.34	6,877,603	15,321,168	4.98	8.01	
Corn for silage	22,592	29,419	180,011	224,469	1,378,964	1,906,206	7.66	8.49	6,871,263	15,249,648	4.98	8.00	
Sorghums for silage, hay, or fodder		760		437		840		1.02	6,360		7.56	10.00	
Corn cut for fodder	18,128	112,980	195,419	1,659,177	2,023,982	8,514	1.22	1.22	20,239,820	105,822	5.00	10.00	
Root crops for forage		33	53	2,019	395		7.45	4.22	1,975		5.00	23.00	

<sup>1</sup> See text discussion.

INDIVIDUAL CROPS

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TABLE 49.—HAY AND FORAGE<sup>1</sup>—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919—Continued

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
<b>EAST NORTH CENTRAL—Continued</b>												
Indiana, total		165,004	2,219,622	3,303,056	3,358,520	5,133,742	1.51	1.55	830,095,378	879,874,840	88.96	815.58
All hay crops	124,160		1,019,638	2,013,983	2,450,101	2,280,863	1.28	1.13	25,693,845	54,478,796	10.49	24.10
Tame hay			1,911,235	1,992,818	2,441,656	2,259,819	1.28	1.13	25,630,294	54,705,107	10.50	24.21
Alfalfa	22,102	10,139	150,285	62,351	295,602	107,485	1.86	1.72	4,343,443	3,117,065	14.69	29.00
Timothy and timothy and clover mixed	80,200		1,074,257	1,457,540	1,297,645	1,658,333	1.21	1.14	12,514,662	40,710,699	9.64	24.55
Clover alone		30,674	403,833	334,974	532,324	356,255	1.32	1.00	5,378,002	8,193,865	10.10	23.00
Red, alsike, and mammoth clover												
Sweet, crimson, and Japan clover	29,428		376,945		499,567				5,071,370		10.15	
Annual legumes saved for hay	2,299		26,888		32,757				306,632		9.36	
Small grains cut for hay	27,170	3,070	195,985	18,550	247,261	15,361	1.26	0.69	2,722,918	403,942	11.01	22.00
Other tame grasses	4,675	10,714	30,096	61,181	27,169	65,390	0.90	1.07	263,590	1,307,980	9.30	20.00
Wild, salt, or prairie grasses	5,102	7,310	47,769	58,216	41,634	53,977	0.87	0.93	418,679	971,586	10.06	18.00
Total	639	1,706	8,413	21,165	8,445	21,053	1.00	0.99	63,551	273,689	7.53	13.00
Silage and miscellaneous forage crops			133,279	240,162	908,372	1,628,889	6.82	6.77	4,401,298	13,841,096	4.85	8.51
Corn for silage	13,983	23,820	132,733	234,100	907,152	1,616,509	6.83	6.91	4,393,092	13,740,355	4.84	8.50
Sorghums for silage, hay, or fodder	237	1,049	540	6,082	1,220	10,074	2.23	1.66	8,296	100,740	6.80	19.00
Corn cut for fodder	10,445	97,174	160,738	1,048,464	1,222,674	1,222,674	1.17			11,094,111		9.00
Root crops for forage	8	267	7	447	47	3,817	6.71	8.09	235	50,638	5.00	14.00
Illinois, total		184,791	3,449,549	4,013,476	5,333,370	7,063,264	1.55	1.76	60,044,412	120,790,711	9.38	17.10
All hay crops	155,043		2,917,631	3,014,762	3,610,648	3,637,380	1.24	1.21	41,634,864	87,726,056	11.53	24.12
Tame hay			2,894,635	2,950,586	3,589,560	3,573,040	1.24	1.21	41,462,046	86,567,936	11.55	24.23
Alfalfa	28,794	14,442	201,021	88,968	440,663	214,670	2.10	2.41	6,976,315	6,440,100	15.82	30.00
Timothy and timothy and clover mixed	91,793		1,370,021	1,850,355	1,665,339	2,325,044	1.22	1.25	18,047,393	57,604,267	10.84	24.73
Clover alone		40,409	677,835	507,443	829,769	627,868	1.44	1.24	9,311,148	15,696,700	11.22	25.00
Red, alsike, and mammoth clover												
Sweet, crimson, and Japan clover	36,299		537,983		778,057				8,770,832		11.27	
Annual legumes saved for hay	3,627		39,852		51,712				540,316		10.45	
Small grains cut for hay	35,393	9,601	305,601	69,903	376,860	59,930	1.23	0.86	4,627,520	1,378,390	12.28	23.00
Other tame grasses	2,133	9,039	16,166	69,557	14,413	64,247	0.89	0.92	148,205	1,188,694	10.25	18.50
Wild, salt, or prairie grasses	15,880	20,003	423,991	365,390	262,516	281,281	0.62	0.79	2,357,402	4,359,855	8.95	15.50
Total	1,984	4,532	22,966	64,176	21,088	64,340	0.92	1.00	172,818	1,158,120	8.20	18.00
Silage and miscellaneous forage crops			245,094	327,038	1,722,889	2,333,889	7.03	7.14	8,408,883	21,046,736	4.88	9.02
Corn for silage	18,396	23,812	249,137	321,068	1,719,593	2,325,010	7.07	7.24	8,885,662	20,920,090	4.88	9.00
Sorghums for silage, hay, or fodder	441	1,102	1,957	6,970	2,996	8,689	1.53	1.46	23,221	121,646	7.75	14.00
Corn cut for fodder	30,362	65,347	286,508	671,285	1,096,178	1,096,178	1.62			11,991,958		11.00
Root crops for forage	12	232	16	391	133	1,997	8.31	5.11	685	25,961	5.00	18.00
Michigan, total		175,241	3,284,890	3,644,952	5,202,778	8,843,510	1.58	1.74	48,332,582	105,280,992	8.91	18.69
All hay crops	142,070		2,496,495	2,866,726	3,496,495	3,172,012	1.28	1.11	38,364,852	79,194,473	10.98	24.97
Tame hay			2,692,237	2,816,870	3,466,963	3,114,041	1.29	1.11	38,170,360	78,411,846	11.01	25.18
Alfalfa	51,815	11,942	324,657	74,059	846,090	118,671	1.61	1.60	11,829,670	3,438,559	13.68	29.00
Timothy and timothy and clover mixed	103,154		1,690,732	2,508,573	1,997,612	2,762,723	1.18	1.10	20,185,499	69,766,087	10.10	25.26
Clover alone		12,688	393,937	120,290	564,163	131,617	1.41	1.09	5,502,177	3,156,408	9.93	24.00
Red, alsike, and mammoth clover												
Sweet, crimson, and Japan clover	27,881		338,071		482,292				4,853,741		10.13	
Annual legumes saved for hay	0,344		55,866		71,871				618,436		8.60	
Small grains cut for hay	736	1,166	4,590	6,554	5,183	6,260	1.06	0.96	59,509	125,200	11.48	20.00
Other tame grasses	2,717	10,421	12,980	59,454	14,771	44,389	1.14	0.75	136,455	833,391	9.24	19.00
Wild, salt, or prairie grasses	4,837	7,785	56,041	47,031	49,144	60,681	0.88	1.06	457,070	1,062,201	0.30	21.00
Total	2,991	5,831	31,041	49,856	28,532	57,971	0.92	1.10	194,492	782,627	6.82	13.50
Silage and miscellaneous forage crops			296,921	348,303	1,704,377	2,551,893	5.74	7.33	7,953,190	19,139,518	4.67	7.50
Corn for silage	29,277	38,303	296,810	348,254	1,704,079	2,551,806	5.74	7.33	7,950,984	19,138,561	4.67	7.50
Sorghums for silage, hay, or fodder	25	12	111	49	298	87	2.68	1.78	2,206	957	7.40	11.00
Corn cut for fodder	40,605	53,767	274,165	418,031	566,632	566,632	1.36			6,236,252		11.00
Root crops for forage	370	6,918	516	11,892	2,904	54,673	5.63	4.60	14,520	710,749	5.00	13.00
Wisconsin, total		180,309	4,684,665	4,495,988	13,883,795	11,489,227	2.85	2.56	99,743,804	164,993,490	7.18	14.38
All hay crops	172,092		3,694,839	3,282,088	6,226,633	5,043,708	1.69	1.54	60,637,083	111,428,254	10.70	22.93
Tame hay			3,607,091	2,945,704	6,028,195	4,619,822	1.72	1.57	65,179,761	105,917,736	10.81	22.93
Alfalfa	47,442	13,009	350,534	69,747	618,140	149,929	2.33	2.15	12,982,889	4,497,870	15.87	30.00
Timothy and timothy and clover mixed	149,764		2,595,510	2,596,241	4,189,641	4,024,505	1.61	1.55	41,741,663	91,751,877	9.96	22.80
Clover alone		21,198	456,215	180,761	890,690	315,435	1.95	1.69	9,201,581	7,097,309	10.33	22.50
Red, alsike, and mammoth clover												
Sweet, crimson, and Japan clover	3,233		25,786		46,352				448,843		9.68	
Annual legumes saved for hay	1,750	913	9,750	4,872	14,283	7,646	1.49	1.57	167,531	183,504	11.73	24.00
Small grains cut for hay	4,691	6,939	20,532	28,198	27,270	39,319	1.33	1.40	249,132	727,416	9.14	18.50
Other tame grasses	8,119	8,282	74,550	59,976	88,171	82,988	1.18	1.38	836,965	1,659,760	9.49	20.00
Wild, salt, or prairie grasses	15,991	27,081	187,798	336,864	198,438	423,860	1.06	1.26	1,467,328	5,510,518	7.34	13.00
Silage and miscellaneous forage crops			974,075	691,485	7,634,007	5,538,823	7.84	8.01	32,990,946	44,317,354	4.22	8.00
Corn for silage	90,741	63,646	973,959	690,062	7,633,655	5,535,438	7.84	8.02	32,988,875	44,283,594	4.22	8.00
Sorghums for silage, hay, or fodder	4,691	409	116	1,432	352	87	3.03	2.36	2,571	33,550	7.30	10.00
Corn cut for fodder	28,799	65,839	193,490	512,862	846,392	846,392	1.65			8,463,920		10.00
Root crops for forage	2,229	8,550	2,111	9,855	23,155	60,304	10.67	6.12	115,775	783,952	5.00	13.00

<sup>1</sup> See text discussion

AGRICULTURE

TABLE 49.—HAY AND FORAGE<sup>1</sup>—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919—Continued

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
<b>WEST NORTH CENTRAL</b>												
<b>Minnesota, total</b> .....		<b>165,597</b>	<b>5,814,108</b>	<b>5,029,397</b>	<b>8,948,828</b>	<b>9,291,871</b>	<b>1.54</b>	<b>1.85</b>	<b>\$72,080,594</b>	<b>\$116,665,984</b>	<b>\$8.06</b>	<b>\$12.45</b>
All hay crops.....	168,221		4,526,298	4,119,696	5,549,722	5,665,616	1.23	1.38	56,993,696	83,356,011	10.27	14.71
Tame hay.....	168,221		2,636,836	1,894,425	3,772,063	2,931,121	1.43	1.55	42,493,131	40,154,707	11.27	10.77
Alfalfa.....	86,157	9,138	702,578	45,410	1,366,578	115,327	1.05	2.54	10,392,239	2,594,879	14.19	22.50
Timothy and timothy and clover mixed.....	81,719		1,329,897	1,452,703	1,687,194	2,199,167	1.25	1.51	16,150,326	37,385,839	9.69	17.00
Clover alone.....		11,336	263,664	96,202	305,464	173,853	1.38	1.81	3,454,089	2,955,501	9.45	17.00
Red, alsike, and mammoth clover.....	13,764		146,345		232,727		1.59		2,399,331		10.31	
Sweet, crimson, and Japan clover.....	8,287		117,619		132,720		1.13		1,054,758		7.95	
Annual legumes saved for hay.....	591	658	4,986	6,110	6,632	9,820	1.33	1.61	74,027	157,216	11.16	10.00
Small grains cut for hay.....	5,500	9,412	49,631	59,369	40,955	105,869	0.82	1.18	359,970	1,482,026	8.79	14.00
Other tame grasses.....	19,065	16,802	285,729	204,631	325,267	327,089	1.14	1.00	3,092,430	4,579,246	9.42	14.00
Wild, salt, or prairie grasses.....	86,937	97,622	1,889,462	2,225,271	1,777,639	2,734,495	0.94	1.23	14,500,565	34,181,204	8.10	12.50
Silage and miscellaneous forage crops.....			458,187	289,085	3,263,145	2,217,648	7.35	7.07	14,958,093	16,724,093	4.44	7.54
Corn for silage.....	37,810	24,516	466,812	282,075	3,364,490	2,299,973	7.37	7.79	14,933,603	16,507,318	4.44	7.50
Sorghums for silage, hay, or fodder.....	296	993	1,375	6,410	3,655	16,675	2.66	2.60	24,490	216,775	0.70	13.00
Corn cut for fodder.....	79,717	64,895	828,829	614,598	1,376,982	1,376,982	2.24	2.24	15,135,802	15,135,802	11.00	11.00
Root crops for forage.....	1,911	4,765	2,794	6,018	25,701	32,425	0.22	5.39	128,805	470,178	5.00	14.50
<b>Iowa, total</b> .....		<b>186,430</b>	<b>4,250,920</b>	<b>4,555,824</b>	<b>7,501,402</b>	<b>8,327,772</b>	<b>1.76</b>	<b>2.05</b>	<b>64,874,277</b>	<b>148,958,888</b>	<b>8.65</b>	<b>15.76</b>
All hay crops.....	171,581		3,580,105	3,582,145	5,344,422	5,348,102	1.60	1.49	54,863,702	107,990,944	10.19	20.19
Tame hay.....	171,581		3,857,036	3,086,705	5,144,833	4,721,015	1.53	1.53	52,803,229	97,345,765	10.26	20.02
Alfalfa.....	56,164	18,749	455,709	172,043	1,158,437	438,338	2.54	2.55	16,704,356	9,643,430	14.42	22.00
Timothy and timothy and clover mixed.....	103,260		2,059,304	2,513,387	2,698,935	3,667,294	1.31	1.46	23,640,466	75,686,063	8.76	20.04
Clover alone.....		19,015	733,464	273,912	1,141,375	427,693	1.56	1.56	11,026,448	8,767,733	9.66	20.50
Red, alsike, and mammoth clover.....	35,669		643,686		1,083,352		1.61		10,016,465		9.69	
Sweet, crimson, and Japan clover.....	6,578		89,778		108,023		1.20		1,009,983		9.35	
Annual legumes saved for hay.....	6,274	838	43,177	7,419	65,494	10,619	1.52	1.43	735,420	212,380	11.23	20.00
Small grains cut for hay.....	3,061	6,823	27,209	46,839	31,894	60,004	1.17	1.41	266,364	1,188,072	8.35	18.00
Other tame grasses.....	4,140	9,938	39,073	73,105	48,758	111,967	1.25	1.53	430,175	1,847,481	8.82	16.50
Wild, salt, or prairie grasses.....	20,146	35,632	222,169	496,449	239,539	626,187	1.08	1.26	2,060,563	10,645,179	8.60	17.00
Silage and miscellaneous forage crops.....			250,869	318,997	2,116,415	2,391,883	8.44	7.51	10,007,660	20,702,873	4.73	8.66
Corn for silage.....	21,121	21,155	248,075	298,645	2,108,063	2,334,676	8.50	7.82	9,950,868	19,844,768	4.72	8.50
Sorghums for silage, hay, or fodder.....	589	4,250	2,794	29,952	8,362	57,207	2.99	2.85	56,792	858,105	6.80	15.00
Corn cut for fodder.....	45,558	72,180	419,889	653,572	1,583,467	1,583,467	2.42	2.42	18,209,781	18,209,781	11.50	11.50
Root crops for forage.....	24	270	57	1,110	565	4,330	9.91	3.90	2,825	66,290	5.00	13.00
<b>Missouri, total</b> .....		<b>203,166</b>	<b>4,300,132</b>	<b>4,208,473</b>	<b>4,058,981</b>	<b>5,887,127</b>	<b>0.94</b>	<b>1.35</b>	<b>41,085,787</b>	<b>95,897,050</b>	<b>10.12</b>	<b>16.86</b>
All hay crops.....	174,565		3,670,705	2,867,360	3,564,805	3,358,316	0.97	1.17	33,364,822	72,910,293	10.76	21.71
Tame hay.....	174,565		3,547,555	2,720,318	3,438,296	3,189,089	0.97	1.17	37,554,691	70,147,747	10.92	22.06
Alfalfa.....	20,346	19,971	145,714	151,720	284,669	365,036	1.95	2.41	4,286,848	10,438,523	15.06	27.50
Timothy and timothy and clover mixed.....	120,863		2,456,137	2,017,787	2,196,867	2,193,021	0.89	1.09	21,890,648	46,808,005	9.96	21.34
Clover alone.....		18,181	367,808	173,428	426,350	232,070	1.16	1.34	5,071,115	5,685,966	11.89	24.50
Red, alsike, and mammoth clover.....	25,916		335,792		390,576		1.16		4,709,968		12.06	
Sweet, crimson, and Japan clover.....	2,829		32,016		35,774		1.12		361,147		10.10	
Annual legumes saved for hay.....	31,025	6,558	273,449	46,515	268,099	43,467	0.98	0.92	3,349,348	999,741	12.47	23.00
Small grains cut for hay.....	12,806	28,973	94,063	189,597	78,097	205,460	0.83	1.08	910,218	4,006,910	11.65	19.50
Other tame grasses.....	18,232	19,418	210,384	141,061	183,640	141,026	0.87	1.00	2,046,514	2,609,012	11.14	18.50
Wild, salt, or prairie grasses.....	6,520	7,730	123,150	147,062	126,507	178,227	1.03	1.21	810,131	2,762,546	6.40	15.50
Silage and miscellaneous forage crops.....			154,654	286,394	494,112	997,221	3.19	3.48	2,709,655	9,663,558	5.47	9.09
Corn for silage.....	3,974	8,724	65,618	131,192	346,619	658,035	5.28	5.02	1,835,818	5,593,326	5.30	8.50
Sorghums for silage, hay, or fodder.....	18,831	33,645	89,036	155,202	147,493	329,186	1.60	2.19	864,827	4,070,232	4.86	12.00
Corn cut for fodder.....	38,529	91,366	474,748	1,061,698	1,329,167	1,329,167	1.26	1.26	13,291,670	13,291,670	10.00	10.00
Root crops for forage.....	12	259	16	1,001	64	2,433	4.27	2.43	320	31,629	5.00	13.00
<b>North Dakota, total</b> .....		<b>67,005</b>	<b>3,542,878</b>	<b>4,035,803</b>	<b>2,572,368</b>	<b>3,766,377</b>	<b>0.73</b>	<b>0.93</b>	<b>19,509,883</b>	<b>56,555,024</b>	<b>7.58</b>	<b>15.02</b>
All hay crops.....	61,491		2,887,540	3,702,323	2,362,585	2,929,651	0.82	0.79	18,237,557	46,074,635	7.72	15.73
Tame hay.....	61,491		1,106,513	1,219,862	1,077,879	1,016,348	0.97	0.83	10,051,190	16,418,426	9.33	16.15
Alfalfa.....	17,128	4,821	287,080	68,356	329,634	75,348	1.16	1.29	3,807,310	1,808,352	11.55	24.00
Timothy and timothy and clover mixed.....	2,993		60,125	210,187	48,283	193,714	0.80	0.92	452,924	3,078,467	9.39	15.89
Clover alone.....		726	296,889	10,791	330,198	12,789	1.11	1.19	2,620,293	198,244	7.65	15.50
Red, alsike, and mammoth clover.....	434		8,004		8,462		1.06		89,010		10.52	
Sweet, crimson, and Japan clover.....	11,633		288,885		321,736		1.11		2,437,283		7.58	
Annual legumes saved for hay.....	180	1,112	3,362	28,210	3,137	22,567	0.93	0.80	30,938	361,072	9.86	16.00
Small grains cut for hay.....	13,450	20,347	333,071	647,888	259,706	387,290	0.77	0.60	2,256,660	5,615,717	8.79	14.50
Other tame grasses.....	5,824	16,699	125,986	294,490	109,062	324,640	0.87	1.23	977,065	5,866,574	8.89	16.50
Wild, salt, or prairie grasses.....	42,920	46,761	1,781,027	2,462,461	1,284,715	1,913,303	0.72	0.77	8,180,667	29,656,209	6.37	15.50
Silage and miscellaneous forage crops.....			75,449	64,736	209,684	214,665	2.78	3.92	1,271,441	2,065,507	6.66	9.76
Corn for silage.....	2,459	2,031	70,270	48,843	204,651	200,624	2.91	4.11	1,234,695	1,905,942	6.63	9.60
Sorghums for silage, hay, or fodder.....	461	385	5,173	6,893	5,033	14,041	0.97	2.38	36,746	189,565	7.30	13.50
Corn cut for fodder.....	25,998	16,608	570,663	278,465	619,970	619,970	2.23	2.23	8,369,608	8,369,608	13.60	13.60
Root crops for forage.....	5	62	23	289	117	1,091	4.88	3.78	685	16,274	5.00	14.00

<sup>1</sup> See text discussion.



# INDIVIDUAL CROPS

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TABLE 49.—HAY AND FORAGE 1—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919—Continued

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
	<b>WEST NORTH CENTRAL—Continued</b>											
South Dakota, total		86, 114	4, 384, 048	5, 071, 747	2, 876, 504	4, 998, 846	0. 68	0. 99	\$24, 148, 482	\$71, 988, 836	\$8. 11	\$14. 41
All hay crops	66, 108		3, 487, 953	4, 556, 639	2, 045, 277	3, 917, 259	0. 78	0. 86	24, 129, 439	58, 551, 150	8. 37	14. 95
Tame hay			1, 147, 904	867, 489	1, 330, 847	1, 196, 846	1. 16	1. 38	13, 139, 150	23, 188, 781	9. 87	19. 37
Alfalfa	40, 574	26, 320	879, 190	462, 231	1, 063, 100	763, 316	1. 22	1. 65	11, 200, 831	16, 411, 312	10. 34	21. 50
Timothy and timothy and clover mixed	3, 714		67, 018	182, 152	65, 325	218, 435	0. 97	1. 20	552, 391	3, 451, 207	8. 46	15. 80
Clover alone		1, 125	72, 739	14, 465	76, 124	19, 624	1. 05	1. 38	567, 067	323, 812	7. 45	10. 50
Red, alsike, and mammoth clover	325		4, 940		5, 333		1. 08		50, 351		9. 44	
Sweet, crimson, and Japan clover	3, 981		67, 799		70, 791		1. 04		516, 716		7. 30	
Annual legumes saved for hay	107	289	1, 449	4, 777	1, 598	4, 928	1. 10	1. 03	15, 344	88, 704	9. 60	18. 00
Small grains cut for hay	3, 243	5, 897	78, 259	109, 107	55, 953	75, 422	0. 71	0. 69	417, 144	1, 244, 481	7. 46	16. 50
Other tame grasses	3, 061	7, 171	49, 252	94, 757	48, 747	115, 121	0. 99	1. 21	386, 373	1, 699, 265	7. 93	14. 50
Wild, salt, or prairie grasses	44, 858	49, 745	2, 340, 049	3, 689, 150	1, 314, 430	2, 720, 413	0. 56	0. 74	8, 990, 289	35, 365, 369	6. 84	13. 00
Silage and miscellaneous forage crops			71, 660	79, 247	331, 132	344, 873	4. 60	4. 35	2, 016, 598	3, 516, 040	6. 09	10. 20
Corn for silage	3, 022	2, 690	56, 691	55, 502	310, 254	291, 599	5. 47	5. 45	1, 894, 151	2, 770, 204	6. 91	9. 50
Sorghums for silage, hay, or fodder	1, 206	2, 374	15, 269	25, 745	20, 878	53, 274	1. 37	2. 07	152, 414	745, 636	7. 30	14. 00
Corn cut for fodder	32, 387	23, 856	824, 119	435, 861		734, 714		1. 09		9, 018, 655	6. 00	13. 50
Root crops for forage	6		14		95		0. 79		475			
Nebraska, total		108, 870	4, 791, 811	5, 410, 808	5, 188, 584	8, 619, 001	1. 07	1. 22	41, 732, 804	96, 965, 224	8. 13	14. 65
All hay crops	101, 828		4, 320, 908	4, 798, 363	4, 574, 577	5, 307, 720	1. 06	1. 11	38, 495, 511	84, 450, 146	8. 42	15. 91
Tame hay			1, 530, 898	1, 039, 912	2, 545, 076	2, 775, 003	1. 66	1. 69	26, 402, 254	50, 258, 443	10. 37	18. 11
Alfalfa	70, 400	74, 359	1, 139, 085	1, 214, 049	2, 089, 045	2, 219, 549	1. 83	1. 83	22, 953, 052	42, 171, 431	10. 99	19. 00
Timothy and timothy and clover mixed	3, 990		117, 713	146, 130	135, 731	197, 518	1. 15	1. 35	942, 033	3, 357, 806	6. 94	17. 00
Clover alone		3, 135	135, 517	41, 277	160, 589	59, 960	1. 19	1. 45	1, 278, 432	959, 360	7. 96	16. 00
Red, alsike, and mammoth clover	4, 161		58, 049		76, 855		1. 32		690, 796		8. 99	
Sweet, crimson, and Japan clover	5, 198		77, 468		83, 734		1. 08		587, 636		7. 02	
Annual legumes saved for hay	254	592	2, 330	7, 735	3, 265	8, 714	1. 38	1. 13	29, 569	113, 282	9. 23	13. 00
Small grains cut for hay	2, 079	4, 954	37, 873	80, 087	37, 785	81, 537	1. 00	1. 02	287, 169	1, 064, 961	7. 60	13. 00
Other tame grasses	8, 488	16, 089	98, 380	150, 034	119, 321	207, 725	1. 21	1. 38	911, 999	2, 646, 583	7. 04	12. 50
Wild, salt, or prairie grasses	47, 740	55, 908	2, 790, 010	3, 158, 451	2, 028, 901	2, 532, 717	0. 73	0. 80	12, 093, 267	34, 191, 703	5. 96	13. 50
Silage and miscellaneous forage crops			208, 644	337, 601	563, 362	860, 701	2. 77	2. 55	3, 284, 192	7, 780, 315	5. 74	9. 04
Corn for silage	4, 163	2, 819	69, 474	53, 525	341, 812	264, 246	4. 92	4. 94	1, 964, 880	2, 118, 908	6. 75	8. 00
Sorghums for silage, hay, or fodder	14, 732	27, 843	134, 170	284, 076	221, 550	596, 455	1. 65	2. 10	1, 269, 812	5, 666, 247	6. 73	9. 50
Corn cut for fodder	18, 800	20, 082	267, 212	273, 686		446, 949		1. 63		4, 692, 694		10. 50
Root crops for forage		5	47		645	3, 631	13. 72	2. 89	2, 908	41, 769	4. 50	11. 50
Kansas, total		143, 981	3, 586, 146	5, 000, 066	5, 394, 906	8, 504, 534	1. 48	1. 70	38, 317, 849	105, 123, 787	7. 90	12. 36
All hay crops	118, 940		1, 952, 301	2, 943, 971	2, 628, 183	4, 320, 803	1. 35	1. 47	25, 323, 281	67, 792, 519	9. 64	15. 69
Tame hay			1, 033, 687	1, 721, 397	1, 675, 653	3, 029, 934	1. 62	1. 76	19, 640, 252	51, 656, 636	11. 72	17. 95
Alfalfa	61, 029	82, 878	729, 622	1, 315, 507	1, 324, 060	2, 488, 156	1. 82	1. 89	16, 296, 792	43, 542, 757	12. 30	17. 50
Timothy and timothy and clover mixed	9, 888		126, 327	168, 875	134, 142	219, 206	1. 06	1. 30	1, 304, 802	4, 026, 782	9. 73	18. 37
Clover alone		2, 487	76, 905	26, 836	89, 834	35, 279	1. 17	1. 31	935, 945	670, 301	10. 42	19. 00
Red, alsike, and mammoth clover	4, 437		56, 524		66, 412		1. 20		740, 873		11. 16	
Sweet, crimson, and Japan clover	1, 866		21, 081		23, 422		1. 11		195, 072		8. 33	
Annual legumes saved for hay	1, 339	978	10, 023	10, 647	10, 383	14, 734	1. 04	1. 38	119, 646	191, 542	11. 62	13. 00
Small grains cut for hay	1, 734	8, 032	20, 170	73, 049	22, 038	90, 781	1. 09	1. 24	106, 738	1, 134, 783	7. 57	12. 50
Other tame grasses	7, 368	17, 222	70, 940	126, 483	94, 596	181, 778	1. 33	1. 44	816, 329	2, 060, 471	8. 03	11. 50
Wild, salt, or prairie grasses	43, 673	55, 534	918, 614	1, 222, 574	952, 530	1, 290, 869	1. 04	1. 06	5, 683, 029	16, 186, 883	5. 97	12. 50
Silage and miscellaneous forage crops			1, 000, 996	1, 303, 710	2, 695, 840	3, 055, 878	2. 69	2. 34	12, 993, 643	28, 304, 420	4. 82	9. 26
Corn for silage	8, 613	10, 368	184, 264	267, 447	900, 121	1, 127, 180	4. 88	4. 21	4, 344, 522	9, 617, 440	4. 63	8. 00
Sorghums for silage, hay, or fodder	55, 232	67, 162	816, 732	1, 036, 263	1, 795, 719	1, 928, 698	2. 20	1. 86	8, 649, 121	19, 286, 960	4. 82	10. 00
Corn cut for fodder	85, 409	46, 428	632, 830	752, 035		1, 125, 851		1. 50		9, 006, 808		8. 00
Root crops for forage	2	59	19	350	185	2, 002	9. 74	5. 72	925	20, 020	5. 00	10. 00
<b>SOUTH ATLANTIC</b>												
Delaware, total		9, 068	68, 253	201, 365	103, 441	223, 562	1. 52	1. 11	1, 430, 388	4, 366, 174	13. 63	19. 63
All hay crops	6, 011		64, 784	70, 996	82, 455	88, 857	1. 27	1. 25	1, 304, 672	2, 539, 905	15. 82	28. 58
Tame hay			62, 508	69, 629	80, 003	87, 542	1. 28	1. 25	1, 281, 465	2, 522, 810	16. 02	28. 82
Alfalfa	992	558	5, 308	1, 878	10, 379	4, 750	1. 06	2. 55	201, 592	167, 300	19. 42	35. 00
Timothy and timothy and clover mixed	2, 649		31, 580	41, 392	24, 968	44, 290	1. 11	1. 07	573, 872	1, 350, 094	16. 41	30. 48
Clover alone		2, 000	12, 672	12, 253	19, 030	20, 033	1. 50	1. 63	275, 976	560, 924	14. 50	28. 00
Red, alsike, and mammoth clover	555		3, 648		4, 809		1. 32		81, 148		16. 87	
Sweet, crimson, and Japan clover	1, 701		9, 024		14, 221		1. 58		194, 828		13. 70	
Annual legumes saved for hay	1, 624	1, 458	10, 338	7, 138	12, 316	8, 791	1. 19	1. 23	184, 740	246, 148	15. 00	28. 00
Small grains cut for hay	158	749	723	3, 056	1, 055	3, 758	1. 46	1. 23	13, 715	89, 434	13. 00	23. 00
Other tame grasses	355	745	1, 887	4, 212	2, 255	5, 890	1. 20	1. 40	31, 570	111, 610	14. 00	19. 00
Wild, salt, or prairie grasses	63	96	2, 276	1, 067	2, 482	1, 315	1. 09	1. 23	23, 207	17, 095	9. 35	13. 00
Silage and miscellaneous forage crops			2, 761	2, 969	20, 936	15, 291	7. 58	5. 15	125, 616	153, 225	6. 00	10. 02
Corn for silage	361	338	2, 761	2, 944	20, 936	15, 228	7. 58	5. 17	125, 616	152, 280	6. 00	10. 00
Sorghums for silage, hay, or fodder		7		25		63		2. 52		945		15. 00
Corn cut for fodder	108	6, 975	705	127, 358		110, 206		0. 94		1, 068, 884		14. 00
Root crops for forage	3	26	3	42	20	208	6. 67	4. 95	100	4, 160	5. 00	20. 00

1 See text discussion.



TABLE 49.—HAY AND FORAGE<sup>1</sup>—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919—Continued

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
SOUTH ATLANTIC—Continued												
Maryland, total.....		34,789	403,178	622,939	691,505	806,910	1.72	1.30	\$8,200,113	\$16,245,825	\$11.86	\$20.13
All hay crops.....	27,032		370,117	385,200	474,940	444,894	1.23	1.15	6,924,330	12,278,466	14.58	27.60
Tame hay.....			369,168	380,927	474,089	440,564	1.25	1.16	6,916,372	12,207,014	14.59	27.71
Alfalfa.....	3,190	2,062	21,262	11,909	41,305	25,142	1.94	2.11	798,752	854,828	19.34	34.00
Timothy and timothy and clover mixed.....	20,604		288,975	288,455	352,490	318,347	1.22	1.10	4,981,160	8,871,312	13.99	27.87
Clover alone.....		5,152	23,969	41,250	35,015	52,166	1.46	1.20	497,600	1,408,482	14.21	27.00
Red, alsike, and mammoth clover.....	1,830		15,744		22,471			1.43	328,161		14.00	
Sweet, crimson, and Japan clover.....	1,577		8,225		12,544			1.53	169,448		13.51	
Annual legumes saved for hay.....	4,365	3,042	25,495	15,114	34,601	19,162	1.36	1.27	543,236	498,212	15.70	26.00
Small grains cut for hay.....	866	1,764	3,273	6,357	4,809	7,746	1.47	1.22	67,326	178,158	14.00	23.00
Other tame grasses.....	845	2,812	6,194	17,842	5,929	18,001	0.96	1.01	78,289	396,022	13.20	22.00
Wild, salt, or prairie grasses.....	179	626	949	4,273	851	4,330	0.90	1.01	7,958	71,452	9.35	16.50
Silage and miscellaneous forage crops.....			26,092	17,732	216,261	127,367	8.29	7.18	1,274,263	1,027,716	5.80	8.07
Corn for silage.....	2,774	1,829	25,979	15,646	216,019	125,417	8.32	8.02	1,272,268	1,003,336	5.89	8.00
Sorghums for silage, hay, or fodder.....	24	79	113	2,086	242	1,960	2.14	0.93	1,995	24,380	8.24	12.50
Corn cut for fodder.....	1,118	14,132	6,906	219,684	233,779		1.06		2,922,243		12.50	
Root crops for forage.....	26	121	63	323	304	870	4.83	2.09	1,520	17,400	5.00	20.00
District of Columbia, total.....		78	737	805	3,065	2,410	4.18	2.99	28,301	39,004	9.23	18.18
All hay crops.....	25		441	507	851	845	2.00	1.67	15,197	24,947	17.25	29.52
Tame hay.....			441	507	851	845	2.00	1.67	15,197	24,947	17.25	29.52
Alfalfa.....	10	8	140	127	468	266	3.34	2.09	9,126	9,044	19.50	34.00
Timothy and timothy and clover mixed.....	13		101	135	144	223	1.43	1.05	2,131	6,918	14.80	31.02
Clover alone.....			4		3		0.75		42		14.00	
Red, alsike, and mammoth clover.....	1		4		3		0.75		42		14.00	
Sweet, crimson, and Japan clover.....												
Annual legumes saved for hay.....	3	7	120	48	128	55	1.07	1.15	2,010	1,485	15.70	27.00
Small grains cut for hay.....	2	18	39	99	64	138	1.64	1.39	806	3,588	14.00	20.00
Other tame grasses.....	5	20	37	98	74	163	2.00	1.60	992	3,912	13.41	24.00
Wild, salt, or prairie grasses.....												
Silage and miscellaneous forage crops.....			237	147	2,184	1,355	9.22	9.22	13,104	10,872	6.00	8.02
Corn for silage.....	5	8	237	145	2,184	1,351	9.22	9.32	13,104	10,808	6.00	8.00
Sorghums for silage, hay, or fodder.....		2		2		4		2.00		64		16.00
Corn cut for fodder.....	7	27	59	138	145	145		1.05		1,885		13.00
Root crops for forage.....		9		13		65		5.00		1,300		20.00
Virginia, total.....		132,731	1,018,441	1,773,660	1,428,714	1,989,282	1.40	1.12	18,569,575	41,847,594	13.00	21.04
All hay crops.....	85,038		925,249	856,257	980,737	944,693	1.06	1.10	15,945,255	27,175,207	16.26	28.77
Tame hay.....			916,498	843,371	973,499	933,102	1.06	1.11	15,851,740	26,943,337	16.28	28.88
Alfalfa.....	6,946	4,902	42,168	24,348	83,548	50,472	1.98	2.07	1,621,454	1,706,520	19.41	35.00
Timothy and timothy and clover mixed.....	40,797		457,503	462,543	525,166	511,537	1.15	1.11	8,302,318	14,774,440	15.81	28.88
Clover alone.....		13,771	67,001	79,956	81,940	93,960	1.22	1.18	1,316,388	2,725,710	16.07	29.00
Red, alsike, and mammoth clover.....	6,826		51,727		63,996		1.24		1,037,747		10.22	
Sweet, crimson, and Japan clover.....	3,587		15,274		17,944		1.17		273,641		15.53	
Annual legumes saved for hay.....	29,629	21,350	247,371	112,570	182,805	120,171	0.74	1.07	3,155,437	3,545,070	17.26	29.50
Small grains cut for hay.....	5,842	12,693	22,442	55,752	24,457	51,415	1.09	0.92	411,306	1,388,205	16.82	27.00
Other tame grasses.....	10,427	16,974	80,113	108,202	75,583	105,517	0.94	0.98	1,044,837	2,743,442	13.82	26.00
Wild, salt, or prairie grasses.....	1,533	2,284	8,751	12,886	7,238	11,591	0.83	0.90	93,515	231,820	12.92	20.00
Silage and miscellaneous forage crops.....			56,930	53,353	447,854	389,205	7.87	7.29	2,623,705	3,205,490	5.86	8.24
Corn for silage.....	4,636	4,802	54,469	45,656	443,672	380,865	8.15	8.34	2,583,017	3,046,840	5.82	8.00
Sorghums for silage, hay, or fodder.....	796	1,430	2,467	7,097	4,182	8,360	1.70	1.08	40,688	158,650	9.73	10.00
Corn cut for fodder.....	6,719	89,447	36,236	893,684	654,444		0.70		11,452,797		17.50	
Root crops for forage.....	15	173	20	356	123	940	6.15	2.64	615	14,100	5.00	15.00
West Virginia, total.....		68,934	742,834	910,550	873,486	1,099,879	1.18	1.21	11,531,939	23,748,574	13.20	21.59
All hay crops.....	58,345		719,393	701,236	744,480	682,862	1.03	0.99	10,802,900	19,260,770	14.51	27.80
Tame hay.....			713,820	690,055	740,014	682,710	1.04	0.99	10,759,522	19,088,356	14.54	27.96
Alfalfa.....	1,674	1,959	9,894	4,548	17,661	9,122	1.79	2.01	325,625	275,660	18.44	30.00
Timothy and timothy and clover mixed.....	45,590		516,321	543,475	539,614	543,783	1.05	1.00	7,985,407	16,661,196	14.82	28.80
Clover alone.....		2,715	12,308	16,441	16,561	18,359	1.35	1.12	256,354	495,693	16.48	27.00
Red, alsike, and mammoth clover.....	1,549		10,635		14,393		1.35		226,062		15.71	
Sweet, crimson, and Japan clover.....	286		1,673		2,168		1.30		30,292		13.07	
Annual legumes saved for hay.....	5,481	2,299	23,171	9,077	30,601	11,351	1.32	1.25	448,855	317,828	14.67	28.00
Small grains cut for hay.....	4,061	5,778	18,675	28,298	15,997	20,767	0.86	0.79	239,141	436,107	14.95	21.00
Other tame grasses.....	12,410	10,348	133,451	90,216	119,530	79,323	0.90	0.88	1,494,140	1,908,872	12.50	24.00
Wild, salt, or prairie grasses.....	546	1,092	5,573	11,181	4,466	10,142	0.80	0.91	43,378	172,414	9.71	17.00
Silage and miscellaneous forage crops.....			16,075	26,509	128,900	202,947	8.02	7.66	728,509	2,035,404	5.65	10.03
Corn for silage.....	1,933	3,473	15,755	23,859	128,330	199,980	8.15	8.38	723,108	1,999,800	5.63	10.00
Sorghums for silage, hay, or fodder.....	149	550	320	2,650	570	2,967	1.78	1.12	6,401	35,604	9.48	12.00
Corn cut for fodder.....	1,564	24,671	7,347	182,709	203,400		1.11				12.00	
Root crops for forage.....	8	32	19	96	106	480	5.58	5.00	630	9,600	5.00	20.00

<sup>1</sup> See text discussion.

# INDIVIDUAL CROPS

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TABLE 49.—HAY AND FORAGE<sup>1</sup>—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919—Continued

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON		
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	
<b>SOUTH ATLANTIC—Continued</b>													
North Carolina, total.....		135,339	630,524	692,374	569,551	688,843	0.94	0.89	\$9,796,639	\$19,966,611	\$16.61	\$27.53	
All hay crops.....	90,749		544,400	472,421	500,741	449,298	0.92	0.95	9,057,863	13,452,418	18.46	29.94	
Tame hay.....			521,644	430,598	475,403	398,855	0.91	0.93	8,679,227	12,202,919	18.26	30.82	
Alfalfa.....	1,234	949	5,535	3,240	11,142	5,769	2.02	1.78	238,575	219,222	21.37	38.00	
Timothy and timothy and clover mixed.....	9,239		54,210	58,349	53,957	57,811	1.00	0.99	1,007,487	1,880,441	18.60	32.53	
Clover alone.....		14,565	56,821	73,355	63,021	75,579	1.11	1.03	1,193,266	2,418,528	18.93	32.00	
Red, alsike, and mammoth clover.....	7,335		35,937		38,487		1.07		724,078		18.81		
Sweet, crimson, and Japan clover.....	5,073		20,884		24,534		1.17		469,188		19.12		
Annual legumes saved for hay.....	44,216	30,376	269,010	121,962	203,331	99,243	0.76	0.81	3,865,522	3,175,776	19.01	32.00	
Small grains cut for hay.....	18,441	18,482	53,163	59,395	61,709	52,714	1.16	0.89	1,156,558	1,581,420	18.74	30.00	
Other tame grasses.....	19,519	25,648	82,905	114,207	82,193	107,769	0.99	0.94	1,217,819	3,017,532	14.82	28.00	
Wild, salt, or prairie grasses.....	6,429	11,119	22,765	41,913	25,338	50,413	1.11	1.20	358,636	1,169,459	14.15	23.00	
Silage and miscellaneous forage crops.....			20,496	25,700	89,683	41,538	4.37	1.62	758,641	570,381	8.52	13.73	
Corn for silage.....	1,162	451	11,839	4,386	73,792	29,931	6.23	6.60	560,478	318,241	7.60	11.00	
Sorghums for silage, hay, or fodder.....	4,798	4,616	8,567	21,314	16,291	12,607	1.78	0.59	198,163	232,140	12.96	20.00	
Corn cut for fodder.....	16,249	60,428	65,699	493,612	196,848				4,921,200		25.00	25.00	
Root crops for forage.....	7	267	10	641	27	1,159	2.70	1.81	135	22,612	5.00	19.51	
South Carolina, total.....		87,205	281,304	666,538	188,321	400,843	0.73	0.60	3,469,962	11,778,637	18.48	39.42	
All hay crops.....	36,632		207,997	333,801	149,765	274,816	0.72	0.82	3,013,348	8,419,530	20.12	30.64	
Tame hay.....			197,297	327,862	141,902	269,276	0.72	0.82	2,886,901	8,209,950	20.34	30.71	
Alfalfa.....	386	798	1,852	2,621	3,659	5,896	1.96	2.25	88,316	247,632	24.27	42.00	
Timothy and timothy and clover mixed.....	73		334	1,851	320	2,119	0.96	1.14	7,230	79,050	22.69	37.31	
Clover alone.....		263	791	960	825	1,009	1.04	1.05	17,089	36,324	20.71	26.00	
Red, alsike, and mammoth clover.....	34		80		84		1.05		1,888		22.48		
Sweet, crimson, and Japan clover.....	171		711		741		1.04		15,201		20.51		
Annual legumes saved for hay.....	23,512	34,520	154,983	168,462	106,633	133,021	0.69	0.79	2,219,417	3,990,630	20.51	30.00	
Small grains cut for hay.....	2,442	15,316	10,681	64,982	10,107	49,692	0.95	0.76	197,065	1,690,144	19.60	32.00	
Other tame grasses.....	5,786	18,125	28,666	88,986	20,378	77,539	0.71	0.87	357,754	2,326,170	17.56	30.00	
Wild, salt, or prairie grasses.....	2,475	1,439	10,700	5,939	7,863	5,540	0.73	0.93	126,447	149,580	16.08	27.00	
Silage and miscellaneous forage crops.....			13,301	18,788	38,502	23,055	2.89	1.23	456,364	489,891	11.85	21.26	
Corn for silage.....	287	198	3,857	2,188	19,811	10,512	5.14	4.80	184,590	126,144	9.32	12.00	
Sorghums for silage, hay, or fodder.....	4,741	5,120	9,444	16,580	18,691	12,543	1.98	0.76	271,774	368,747	14.64	29.00	
Corn cut for fodder.....	8,179	37,896	39,996	315,909		102,472		0.32		2,869,216		28.00	28.00
Root crops for forage.....	5		10		54		5.40		270		5.00		
Georgia, total.....		163,728	434,979	1,248,814	980,886	608,587	0.65	0.49	4,601,316	17,984,088	16.83	28.40	
All hay crops.....	47,094		337,583	469,352	216,682	375,010	0.64	0.81	3,684,223	11,177,826	18.59	29.81	
Tame hay.....			319,080	442,296	200,044	359,263	0.63	0.81	3,730,230	10,806,331	18.65	30.08	
Alfalfa.....	842	816	4,304	2,725	8,138	5,412	1.89	1.99	179,653	216,450	22.08	40.00	
Timothy and timothy and clover mixed.....	279		1,938	3,066	1,968	4,134	1.02	1.04	40,332	143,730	20.49	34.77	
Clover alone.....		479	2,130	2,828	2,126	2,862	1.00	1.01	41,145	97,308	19.35	34.00	
Red, alsike, and mammoth clover.....	187		1,056		1,132		1.07		22,065		10.49		
Sweet, crimson, and Japan clover.....	203		1,074		994		0.93		19,080		19.20		
Annual legumes saved for hay.....	32,451	43,761	235,810	220,733	127,678	189,125	0.54	0.83	2,406,113	5,862,875	18.85	31.00	
Small grains cut for hay.....	2,764	11,023	13,753	60,855	11,268	42,851	0.82	0.75	222,110	1,328,381	19.71	31.00	
Other tame grasses.....	10,356	25,436	61,151	149,129	48,866	114,819	0.80	0.77	840,877	3,157,557	17.21	27.50	
Wild, salt, or prairie grasses.....	3,549	3,839	18,497	18,096	16,638	15,807	0.90	0.87	253,993	371,495	15.27	23.50	
Silage and miscellaneous forage crops.....			29,386	59,168	64,204	60,318	2.18	1.02	617,093	1,266,264	9.61	20.83	
Corn for silage.....	620	544	7,324	6,702	32,957	27,040	4.50	4.03	253,860	324,480	7.70	12.00	
Sorghums for silage, hay, or fodder.....	9,752	11,712	22,002	52,466	31,247	33,278	1.42	0.63	363,233	631,784	11.62	28.00	
Corn cut for fodder.....	13,562	66,659	68,010	728,844		172,501		0.24		4,830,028		28.00	28.00
Root crops for forage.....		141		470		768		1.63		19,968		26.00	
Florida, total.....		37,641	71,908	139,518	59,612	99,432	0.70	0.71	813,485	2,610,779	16.07	25.25	
All hay crops.....	8,181		63,345	89,937	36,725	71,109	0.58	0.79	630,903	2,026,933	18.54	28.50	
Tame hay.....			62,999	83,090	32,759	64,855	0.56	0.78	617,607	1,858,075	18.85	28.65	
Alfalfa.....	20	8	60	14	69	85	1.38	2.50	1,687	1,540	23.00	44.00	
Timothy and timothy and clover mixed.....	50		156	20	224	20	1.44	1.00	4,460	740	20.00	37.00	
Clover alone.....			283		181		0.64		3,515		19.42		
Red, alsike, and mammoth clover.....	14		130		76		0.58		1,520		20.00		
Sweet, crimson, and Japan clover.....	36		153		105		0.69		1,995		19.00		
Annual legumes saved for hay.....	4,162	8,134	42,689	25,634	18,129	15,485	0.42	0.60	352,082	487,788	19.42	31.50	
Small grains cut for hay.....	182	1,035	778	6,782	649	4,732	0.83	0.70	12,090	141,960	18.63	30.00	
Other tame grasses.....	3,046	8,937	15,037	50,640	13,507	44,583	0.90	0.88	243,853	1,226,047	18.05	27.50	
Wild, salt, or prairie grasses.....	950	1,410	4,352	6,847	3,966	6,254	0.91	0.91	63,296	168,858	15.96	27.00	
Silage and miscellaneous forage crops.....			2,581	5,853	13,887	16,630	5.38	2.84	132,562	181,998	9.55	10.94	
Corn for silage.....	138	146	2,212	3,057	12,806	13,178	5.79	4.31	116,345	92,246	9.09	7.00	
Sorghums for silage, hay, or fodder.....	116	518	369	2,796	1,081	3,462	2.93	1.23	16,217	89,752	15.00	26.00	
Corn cut for fodder.....	895	3,025	5,982	42,811		9,314		0.22		232,850		25.00	25.00
Root crops for forage.....		208		915		2,379		2.60		68,991		29.00	

<sup>1</sup> See text discussion.

TABLE 49.—HAY AND FORAGE<sup>1</sup>—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919—Continued

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
<b>EAST SOUTH CENTRAL</b>												
<b>Kentucky, total</b> .....		157,801	1,404,926	2,084,909	1,541,125	2,123,490	1.05	1.02	\$21,811,240	\$43,399,904	\$14.15	\$20.44
All hay crops.....	113,332		1,274,534	1,073,222	1,306,228	1,085,318	1.02	1.01	20,212,182	31,980,480	15.47	29.47
Tame hay.....			1,259,340	1,050,912	1,292,396	1,065,726	1.03	1.01	20,055,971	31,588,640	15.52	29.64
Alfalfa.....	15,872	8,279	98,855	50,211	165,404	81,298	1.08	1.45	3,095,074	2,642,208	18.71	32.60
Timothy and timothy and clover mixed.....	48,709		511,946	493,726	528,396	522,046	1.03	1.06	8,149,221	16,044,136	15.42	30.73
Clover alone.....		11,664	152,850	107,266	170,177	120,664	1.11	1.12	2,528,589	3,619,920	14.86	30.00
Red, alsike, and mammoth clover.....	10,905		114,777		127,454		1.11		1,972,080		15.47	
Sweet, crimson, and Japan clover.....	4,103		38,073		42,723		1.12		550,503		13.03	
Annual legumes saved for hay.....	19,527	6,847	112,323	35,020	128,625	33,281	1.15	0.95	2,049,856	931,898	15.94	28.00
Small grains cut for hay.....	7,205	17,054	45,105	98,172	37,437	81,045	0.83	0.83	533,194	2,000,332	14.24	24.50
Other tame grasses.....	33,868	32,443	338,761	260,517	262,297	226,792	0.77	0.87	3,099,437	6,360,176	14.10	28.00
Wild, salt, or prairie grasses.....	2,849	3,817	15,194	22,310	13,832	19,592	0.91	0.88	159,211	301,840	11.29	20.00
Silage and miscellaneous forage crops.....			51,548	79,989	234,856	282,620	4.56	3.53	1,598,853	2,728,859	6.81	9.06
Corn for silage.....	2,706	3,254	26,858	36,916	180,659	210,049	6.73	5.09	1,054,954	1,785,430	6.00	8.50
Sorghums for silage, hay, or fodder.....	15,049	19,113	24,690	43,073	64,197	72,571	2.20	1.08	614,809	943,423	9.00	13.00
Corn cut for fodder.....	16,410	87,661	138,738	931,461	765,054		0.81		8,683,165		11.50	11.50
Root crops for forage.....	4	155	6	247	41		6.83	2.02	205	7,470	5.00	16.00
<b>Tennessee, total</b> .....		154,018	1,493,570	1,751,123	1,490,922	1,907,945	1.04	1.09	\$23,828,158	\$49,649,657	\$15.99	\$28.03
All hay crops.....	124,947		1,327,853	1,382,067	1,298,808	1,401,646	0.98	1.01	22,337,041	42,261,210	17.20	30.15
Tame hay.....			1,279,621	1,328,698	1,285,077	1,355,349	0.98	1.02	21,795,029	41,335,270	17.32	30.50
Alfalfa.....	2,953	2,009	22,249	16,117	43,667	33,237	1.96	1.96	874,580	1,186,532	20.03	36.00
Timothy and timothy and clover mixed.....	32,951		357,696	291,418	376,284	350,240	1.05	1.20	6,828,475	11,250,960	18.15	32.12
Clover alone.....		27,150	248,361	239,506	282,278	258,654	1.02	1.08	4,160,477	8,270,928	16.52	32.00
Red, alsike, and mammoth clover.....	9,532		98,018		103,841		1.06		1,873,290		18.04	
Sweet, crimson, and Japan clover.....	17,954		150,343		148,437		0.99		2,293,187		15.45	
Annual legumes saved for hay.....	37,417	47,053	242,567	279,571	251,860	284,942	1.04	1.02	4,544,723	8,833,202	18.04	31.00
Small grains cut for hay.....	9,140	24,048	52,554	129,171	40,672	103,093	0.77	0.80	650,960	2,835,089	16.15	27.50
Other tame grasses.....	38,644	53,485	356,204	371,965	293,916	325,183	0.83	0.87	4,723,809	8,942,559	16.07	27.60
Wild, salt, or prairie grasses.....	8,111	9,358	48,232	53,399	40,131	46,207	0.83	0.87	542,012	925,940	13.51	20.00
Silage and miscellaneous forage crops.....			52,814	73,585	191,155	275,088	3.62	3.74	1,490,822	3,468,080	7.80	12.01
Corn for silage.....	1,736	2,377	30,574	30,574	119,997	119,997	6.19	6.59	756,797	2,215,466	6.31	11.00
Sorghums for silage, hay, or fodder.....	18,656	18,009	33,440	43,011	71,158	73,682	2.13	1.71	734,115	1,252,594	10.32	17.00
Corn cut for fodder.....	8,475	34,322	52,882	293,227	223,033		0.78		3,876,561		17.00	
Root crops for forage.....	6	351	21	2,244	59	2,578	2.81	1.15	205	43,826	5.00	17.00
<b>Alabama, total</b> .....		114,304	494,077	705,279	387,892	542,557	0.79	0.77	\$6,914,559	\$13,938,038	\$17.83	\$25.69
All hay crops.....	70,526		444,596	530,226	333,657	443,525	0.75	0.84	6,351,423	11,827,525	19.04	26.67
Tame hay.....			403,017	506,490	297,491	422,834	0.74	0.83	5,911,921	11,361,994	19.87	27.80
Alfalfa.....	453	633	3,771	9,932	6,050	13,105	1.00	1.32	186,009	434,885	22.58	36.00
Timothy and timothy and clover mixed.....	569		4,496	4,961	3,738	5,572	0.83	1.12	78,313	185,950	20.95	33.37
Clover alone.....		1,137	7,340	8,554	6,320	8,529	0.86	1.00	125,619	285,730	19.88	33.50
Red, alsike, and mammoth clover.....	201		1,216		1,174		0.97		24,044		20.48	
Sweet, crimson, and Japan clover.....	820		6,124		5,146		0.84		101,575		19.74	
Annual legumes saved for hay.....	44,203	40,676	286,322	217,459	164,063	143,834	0.62	0.66	3,525,162	3,883,518	21.49	27.00
Small grains cut for hay.....	3,538	12,678	13,725	64,364	11,148	45,405	0.81	0.84	205,862	1,362,160	18.47	30.00
Other tame grasses.....	14,184	34,299	107,363	211,210	106,172	206,389	0.99	0.98	1,840,356	5,159,725	17.33	25.00
Wild, salt, or prairie grasses.....	6,566	5,075	41,579	23,736	36,166	20,691	0.87	0.87	439,502	465,561	12.15	22.50
Silage and miscellaneous forage crops.....			24,575	10,712	54,235	40,248	2.21	3.76	563,136	640,911	10.38	15.92
Corn for silage.....	356	241	4,475	5,511	23,039	27,059	5.16	4.91	181,049	311,186	7.83	11.50
Sorghums for silage, hay, or fodder.....	9,763	3,160	20,100	5,201	31,196	13,189	1.55	2.54	881,487	329,726	12.23	25.00
Corn cut for fodder.....	6,911	23,794	24,906	163,508	57,455		0.35		1,436,375		25.00	
Root crops for forage.....		284	833		1,329		1.60		33,225		25.00	
<b>Mississippi, total</b> .....		73,040	350,495	493,544	480,061	585,254	1.31	1.21	\$7,612,258	\$14,744,961	\$18.55	\$25.19
All hay crops.....	47,052		316,034	433,754	409,285	521,869	1.30	1.20	7,040,825	13,778,400	17.20	26.40
Tame hay.....			278,053	394,187	366,916	482,538	1.32	1.22	6,568,255	13,012,407	17.50	25.98
Alfalfa.....	1,551	2,058	23,314	30,304	55,726	65,254	2.39	2.16	1,242,768	2,352,744	22.50	36.00
Timothy and timothy and clover mixed.....	245		1,003	4,723	1,130	5,604	1.13	1.19	20,243	154,601	17.91	27.59
Clover alone.....		14,798	81,068	97,933	98,419	123,784	1.21	1.26	1,751,543	3,465,952	17.80	28.00
Red, alsike, and mammoth clover.....	135		975		1,400		1.44		25,669		18.26	
Sweet, crimson, and Japan clover.....	13,281		80,093		97,013		1.21		1,725,874		17.70	
Annual legumes saved for hay.....	13,023	17,237	82,318	68,346	103,299	67,068	1.25	0.98	1,040,599	1,945,842	18.79	26.00
Small grains cut for hay.....	386	2,483	2,589	14,926	2,624	16,064	1.01	1.08	42,778	385,536	16.30	24.00
Other tame grasses.....	12,214	20,988	87,761	177,955	105,713	204,684	1.20	1.15	1,570,354	4,707,732	14.85	23.00
Wild, salt, or prairie grasses.....	6,276	6,382	37,981	39,567	42,369	39,281	1.12	0.99	472,570	765,999	11.15	19.50
Silage and miscellaneous forage crops.....			21,897	19,927	50,749	51,604	2.32	2.59	714,298	714,906	11.26	13.85
Corn for silage.....	139	509	1,924	9,140	11,816	37,760	6.14	4.13	95,741	396,494	8.10	10.50
Sorghums for silage, hay, or fodder.....	6,177	3,871	16,973	16,787	38,933	13,844	1.95	1.28	475,557	318,412	12.21	23.00
Corn cut for fodder.....	2,775	4,929	12,558	29,497	10,938		0.37		235,189		21.50	
Root crops for forage.....	2	174	6	800	27	843	4.50	2.30	185	16,450	5.00	19.51

<sup>1</sup> See text discussion.

# INDIVIDUAL CROPS

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TABLE 49.—HAY AND FORAGE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919—Continued

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
<b>WEST SOUTH CENTRAL</b>												
Arkansas, total.....		108,053	778,130	1,002,333	754,932	969,750	0.97	0.99	\$10,166,404	\$22,760,223	\$13.47	\$23.09
All hay crops.....	70,522		637,369	759,658	675,342	771,853	1.06	1.02	9,599,034	10,221,678	14.17	24.90
Tame hay.....			495,974	621,276	527,764	625,806	1.06	1.01	8,274,799	10,522,724	15.68	29.51
Alfalfa.....	6,332	8,186	49,340	61,457	162,811	128,147	2.68	2.09	2,018,965	4,228,551	19.64	33.00
Timothy and timothy and clover mixed.....	10,070		113,726	100,523	109,958	115,907	0.97	1.06	1,541,099	3,050,641	14.02	26.32
Clover alone.....		4,610	45,757	32,526	47,047	36,635	1.03	1.13	727,582	1,007,482	15.47	27.50
Red, alsike, and mammoth clover.....	1,714		15,096		14,588		0.99		234,348		15.74	
Sweet, crimson, and Japan clover.....	3,409		30,661		32,159		1.05		493,236		15.34	
Annual legumes saved for hay.....	20,725	18,153	112,970	76,693	105,211	66,705	0.93	0.87	1,814,366	1,834,405	17.25	27.00
Small grains cut for hay.....	7,507	36,026	42,013	193,154	32,704	135,971	0.75	0.70	461,842	3,195,340	14.12	23.50
Other tame grasses.....	18,073	26,873	132,168	148,023	130,023	142,435	0.98	0.96	1,710,915	3,276,005	13.16	23.09
Wild, salt, or prairie grasses.....	17,649	14,070	141,415	138,382	147,588	146,653	1.04	1.06	1,294,236	2,628,954	8.77	18.00
Silage and miscellaneous forage crops.....			82,512	94,153	70,540	133,533	1.51	1.42	597,120	2,140,632	7.51	16.03
Corn for silage.....	223	391	2,278	5,969	11,069	26,102	4.87	4.38	72,112	261,626	6.59	10.00
Sorghums for silage, hay, or fodder.....	18,020	28,439	50,334	89,184	68,441	107,371	1.36	1.22	625,008	1,878,012	7.67	17.50
Corn cut for fodder.....	13,452	19,006	86,222	147,876	82,552	17,224	0.56	0.56	1,367,073	1,367,073	16.50	16.50
Root crops for forage.....	7	406	8	1,149	50	1,542	6.25	1.25	250	30,840	5.00	20.00
Louisiana, total.....		95,532	175,462	208,631	234,172	278,556	1.33	1.34	3,652,358	7,083,068	15.60	25.43
All hay crops.....	10,505		161,153	196,521	216,217	247,996	1.34	1.25	3,477,250	6,574,757	16.08	26.91
Tame hay.....			143,613	182,502	164,557	228,742	1.35	1.23	3,230,611	6,239,617	16.61	27.50
Alfalfa.....	1,067	714	11,811	8,289	29,136	17,224	2.47	2.08	646,546	637,288	22.19	37.00
Timothy and timothy and clover mixed.....	431		3,214	2,865	4,584	3,600	1.43	1.26	70,596	108,000	15.40	30.00
Clover alone.....		2,804	24,373	35,463	30,018	48,418	1.23	1.37	540,324	1,307,286	18.00	27.00
Red, alsike, and mammoth clover.....	54		311		345		1.11		6,210		18.00	
Sweet, crimson, and Japan clover.....	1,546		24,062		29,673		1.23		534,114		18.00	
Annual legumes saved for hay.....	9,114	7,573	66,326	74,916	83,210	83,083	1.25	1.11	1,315,929	2,409,407	15.81	29.00
Small grains cut for hay.....	250	1,168	1,054	6,260	1,120	6,372	1.06	1.02	18,488	2,409,407	16.51	23.00
Other tame grasses.....	4,469	9,030	36,835	54,709	46,469	70,045	1.26	1.28	638,728	1,681,980	13.75	24.00
Wild, salt, or prairie grasses.....	3,071	2,978	17,540	14,019	21,680	19,257	1.24	1.37	246,639	3,385,140	11.38	20.00
Silage and miscellaneous forage crops.....			4,501	5,772	17,955	25,267	3.99	4.37	175,108	297,709	9.75	11.81
Corn for silage.....	129	169	1,986	3,938	12,865	21,058	6.45	5.25	110,220	210,580	8.61	10.00
Sorghums for silage, hay, or fodder.....	1,422	749	2,515	1,834	5,150	4,149	2.05	2.26	64,888	81,600	12.60	21.00
Corn cut for fodder.....	2,284	1,044	9,808	5,910	3,563	1,787	0.60	0.60	65,227	65,227	18.50	18.50
Root crops for forage.....		180	428		1,787		4.18		44,675		26.00	
Oklahoma, total.....		115,867	1,663,145	2,078,513	2,121,774	3,038,396	1.28	1.47	18,485,327	50,072,900	8.70	18.48
All hay crops.....	92,867		886,716	1,148,976	1,139,961	1,682,623	1.29	1.38	11,794,534	31,003,087	10.35	19.69
Tame hay.....			650,022	717,456	650,355	1,021,881	1.61	1.65	8,702,936	21,750,828	13.38	21.28
Alfalfa.....	15,572	24,025	181,785	347,697	412,066	680,446	2.27	1.96	5,943,709	15,990,502	14.42	23.50
Timothy and timothy and clover mixed.....	1,578		22,035	9,702	24,613	12,032	1.12	1.24	283,380	237,380	11.51	19.73
Clover alone.....		555	8,925	3,457	10,032	4,362	1.12	1.19	114,970	91,602	11.46	21.00
Red, alsike, and mammoth clover.....	186		1,744		2,148		1.23		28,507		13.31	
Sweet, crimson, and Japan clover.....	725		7,181		7,884		1.10		86,379		10.96	
Annual legumes saved for hay.....	5,575	3,040	42,972	21,853	38,303	27,252	0.89	1.25	549,267	517,788	14.34	19.00
Small grains cut for hay.....	2,637	14,594	25,248	94,359	24,741	109,524	0.98	1.16	271,454	1,867,162	10.97	16.50
Other tame grasses.....	12,027	17,262	124,057	140,278	140,000	188,265	1.13	1.34	1,541,160	3,106,994	10.96	16.50
Wild, salt, or prairie grasses.....	18,674	20,636	481,693	531,520	489,906	560,742	1.02	1.05	3,090,598	9,252,259	6.31	16.50
Silage and miscellaneous forage crops.....			705,453	851,358	981,332	1,363,991	1.39	1.60	6,698,388	18,014,304	6.80	13.21
Corn for silage.....	645	1,035	11,789	24,718	56,811	99,901	4.82	4.04	317,629	949,070	5.60	9.50
Sorghums for silage, hay, or fodder.....	58,798	72,198	693,664	826,640	924,521	1,264,090	1.33	1.53	6,350,459	17,066,234	6.87	13.50
Corn cut for fodder.....	5,903	7,533	70,933	73,179	91,782	91,782	1.25		1,555,809	1,555,809	11.50	11.50
Root crops for forage.....	24		44		481		10.93		2,405		5.00	
Texas, total.....		202,848	2,683,057	3,390,457	3,111,092	3,739,651	1.16	1.56	36,682,816	73,324,319	12.50	19.66
All hay crops.....	194,076		600,789	744,005	650,992	990,629	1.08	1.34	8,071,164	23,189,867	13.32	23.20
Tame hay.....			409,716	566,006	450,370	778,267	1.10	1.40	6,477,056	19,094,621	14.38	24.53
Alfalfa.....	3,875	3,442	50,219	58,266	120,698	137,043	2.40	2.35	2,309,035	4,042,812	19.13	28.50
Timothy and timothy and clover mixed.....	155		3,045	5,756	3,354	7,289	1.10	1.27	53,582	145,790	15.98	20.00
Clover alone.....		124	2,556	720	3,080	885	1.21	1.23	52,159	17,700	16.93	20.00
Red, alsike, and mammoth clover.....	155		685		903		1.32		16,022		17.74	
Sweet, crimson, and Japan clover.....	244		1,871		2,177		1.16		36,137		16.60	
Annual legumes saved for hay.....	10,966	12,447	98,203	57,174	54,645	81,859	0.56	0.91	896,639	1,322,452	15.41	25.50
Small grains cut for hay.....	5,634	27,985	59,479	173,620	55,130	198,484	0.93	1.15	769,379	4,793,616	13.96	24.00
Other tame grasses.....	18,109	36,187	196,154	261,464	213,470	382,707	1.09	1.46	2,266,262	8,802,261	11.23	23.00
Wild, salt, or prairie grasses.....	12,870	13,250	191,073	188,602	200,622	221,362	1.05	1.18	2,194,198	4,095,245	10.94	18.50
Silage and miscellaneous forage crops.....			1,090,888	1,627,680	2,459,667	2,657,272	1.23	1.74	20,218,987	48,751,973	12.29	18.35
Corn for silage.....	560	1,540	7,839	30,917	37,221	182,761	4.75	5.61	237,356	1,736,264	6.35	9.50
Sorghums for silage, hay, or fodder.....	164,047	137,707	1,988,749	1,496,763	2,422,846	2,474,511	1.22	1.65	29,981,631	47,015,709	12.88	19.00
Corn cut for fodder.....	7,384	11,942	66,585	118,710	73,295	73,295	0.61	0.61	1,373,605	1,373,605	19.00	19.00
Root crops for forage.....	13	25	95	59	533	455	5.61	7.71	2,665	8,874	5.00	19.50

1 See text discussion.

2 Includes corrections for slight error in sorghum figures for Knox, Mitchell, and Nolan Counties, Texas.

TABLE 49.—HAY AND FORAGE<sup>1</sup>—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919—Continued

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
<b>MOUNTAIN</b>												
<b>Montana, total</b> .....		31,083	2,181,807	1,675,472	2,243,730	1,382,946	1.05	0.83	\$25,689,902	\$36,115,771	\$11.45	\$26.12
All hay crops.....	31,662		2,077,426	1,608,836	2,235,052	1,334,336	1.08	0.83	25,034,975	35,410,815	11.47	26.54
Tame hay.....	1,439,437		1,157,635	1,729,536	1,053,237	1,586,683	1.20	0.91	21,041,592	28,813,975	12.17	27.36
Alfalfa.....	18,090	10,574	749,065	374,233	1,126,320		1.62	1.67	13,985,966	10,133,790	12.42	27.50
Timothy and timothy and clover mixed.....	5,156		265,051	221,580	305,140	213,112	1.15	0.96	3,790,066	6,362,035	12.42	29.85
Clover alone.....		646	76,814	13,168	71,375	13,648	0.93	1.04	760,655	402,628	10.60	29.50
Red, alsike, and mammoth clover.....	325		6,652		8,064		1.21		100,575		12.47	
Sweet, crimson, and Japan clover.....	2,840		70,162		63,311		0.90		660,081		10.43	
Annual legumes saved for hay.....	50	242	904	6,381	903	4,655	1.00	0.73	10,593	111,720	11.73	24.00
Small grains cut for hay.....	10,202	14,856	295,537	466,727	172,597	170,960	0.58	0.37	1,971,006	4,103,040	11.42	24.00
Other tame grasses.....	1,268	1,932	61,066	75,543	53,201	64,179	0.87	0.85	523,305	1,700,756	9.84	26.50
Wild, salt, or prairie grasses.....	8,301	6,156	637,980	451,201	505,516	281,099	0.79	0.62	4,593,383	6,605,840	9.00	23.50
Silage and miscellaneous forage crops.....			2,409	4,574	7,813	11,069	3.24	2.42	50,652	146,028	6.48	13.19
Corn for silage.....	88	124	1,544	1,917	7,158	7,769	4.64	4.05	45,403	93,228	6.34	12.00
Sorghums for silage, hay, or fodder.....	73	191	865	2,667	655	3,800	0.76	1.24	5,249	52,800	8.01	16.00
Corn cut for fodder.....	2,967	4,081	51,896	61,137	33,482		0.55			468,748		14.00
Root crops for forage.....	32	412	76	925	855		11.25	4.39	4,275	81,180	5.00	20.00
<b>Idaho, total</b> .....		33,490	1,158,793	1,189,220	2,870,116	2,830,543	2.05	1.86	25,729,970	50,802,765	10.89	21.80
All hay crops.....	33,389		1,150,735	1,169,871	2,332,019	2,247,758	2.03	1.82	25,524,861	49,895,421	10.94	22.20
Tame hay.....	1,055,292		1,043,774	1,043,774	2,235,836	2,131,619	2.12	2.03	24,083,690	47,086,880	11.04	22.37
Alfalfa.....	28,077	23,126	766,445	661,172	1,869,923	1,741,165	2.44	2.07	20,097,342	37,435,000	10.75	21.50
Timothy and timothy and clover mixed.....	4,892		144,569	184,687	184,146	191,490	1.27	1.04	2,382,171	5,190,780	12.94	27.14
Clover alone.....		1,804	39,343	20,383	56,629	30,348	1.44	1.49	616,533	600,060	10.89	20.00
Red, alsike, and mammoth clover.....	2,793		36,518		52,537		1.44		574,711		10.94	
Sweet, crimson, and Japan clover.....	250		2,830		4,092		1.45		41,822		10.22	
Annual legumes saved for hay.....	71	268	679	3,881	1,091	3,491	1.61	0.90	13,562	73,311	12.43	21.00
Small grains cut for hay.....	5,403	9,107	80,204	167,531	96,985	139,881	1.21	0.83	1,317,054	3,840,739	13.58	27.50
Other tame grasses.....	575	789	24,047	21,120	27,062	25,144	1.13	1.19	257,028	528,024	9.66	21.00
Wild, salt, or prairie grasses.....	1,522	2,003	95,443	121,007	97,083	110,239	1.02	0.96	841,171	2,208,541	8.66	19.00
Silage and miscellaneous forage crops.....			4,060	8,760	34,723	55,770	8.54	6.37	191,497	558,214	5.51	10.01
Corn for silage.....	470	754	4,032	8,527	34,672	55,256	8.00	6.48	191,109	552,560	5.51	10.00
Sorghums for silage, hay, or fodder.....	4	64	34	233	51	514	1.50	2.21	388	5,654	7.01	11.00
Corn cut for fodder.....	773	1,431	3,803	8,205	16,622		2.03			182,842		11.00
Root crops for forage.....	53	701	189	2,384	2,474	10,393	13.09	4.36	13,612	166,288	5.50	16.00
<b>Wyoming, total</b> .....		11,039	1,056,429	832,482	1,225,520	907,287	1.18	1.09	12,584,401	20,612,504	10.25	22.72
All hay crops.....	11,810		1,035,093	795,640	1,212,804	873,685	1.17	1.10	12,476,070	20,138,534	10.20	23.04
Tame hay.....	8,091	6,108	714,842	568,021	947,775	700,492	1.33	1.23	10,226,268	16,063,495	10.79	22.93
Alfalfa.....			397,933	330,094	615,664	514,168	1.55	1.66	7,061,443	11,825,864	11.47	23.00
Timothy and timothy and clover mixed.....	1,329		111,050	64,145	135,709	71,343	1.22	1.11	1,370,584	1,771,190	10.10	24.83
Clover alone.....		139	12,757	3,847	14,121	4,020	1.11	1.04	122,930	80,400	8.71	20.00
Red, alsike, and mammoth clover.....	91		2,681		3,342		1.25		33,536		10.03	
Sweet, crimson, and Japan clover.....	580		10,076		10,779		1.07		89,394		8.29	
Annual legumes saved for hay.....	29	95	772	2,310	776	1,841	1.01	0.80	8,033	34,979	10.35	19.00
Small grains cut for hay.....	2,347	3,790	56,679	101,294	47,319	49,578	0.83	0.49	495,898	1,041,138	10.48	21.00
Other tame grasses.....	1,123	1,149	135,151	66,931	134,186	56,542	0.99	0.89	1,167,380	1,308,924	8.70	22.00
Wild, salt, or prairie grasses.....	3,314	1,831	320,751	227,019	305,629	173,193	0.83	0.76	2,249,808	4,070,039	8.49	23.50
Silage and miscellaneous forage crops.....			3,653	2,630	12,215	7,416	3.34	2.82	85,820	78,690	7.03	10.05
Corn for silage.....	64	69	1,517	1,199	9,273	6,450	7.04	5.38	63,909	64,800	6.89	10.00
Sorghums for silage, hay, or fodder.....	160	162	2,336	1,481	2,942	966	1.26	0.78	21,911	14,490	7.45	15.00
Corn cut for fodder.....	876	2,161	10,592	33,895		24,748				371,220		15.00
Root crops for forage.....	10	57	91	317	501	1,438	5.51	4.54	2,505	23,760	5.00	20.00
<b>Colorado, total</b> .....		49,640	2,035,743	2,215,730	3,089,898	3,580,123	1.51	1.69	29,946,784	60,769,060	9.78	18.97
All hay crops.....	41,945		1,618,574	1,637,741	2,562,530	2,702,492	1.58	1.65	26,721,575	50,074,525	10.43	18.63
Tame hay.....	25,886	24,870	1,256,973	1,226,634	2,236,479	2,337,553	1.78	1.91	24,082,204	43,088,689	10.77	18.69
Alfalfa.....			809,976	781,663	1,678,976	1,770,005	2.07	2.28	18,830,992	32,911,600	11.22	18.50
Timothy and timothy and clover mixed.....	2,084		170,050	169,367	285,840	277,006	1.59	1.64	2,829,372	6,032,267	9.92	21.78
Clover alone.....		277	16,464	4,633	20,379	7,205	1.24	1.56	186,667	122,455	9.16	17.00
Red, alsike, and mammoth clover.....	173		2,144		3,458		1.61		32,768		9.48	
Sweet, crimson, and Japan clover.....	732		14,320		16,921		1.18		153,899		9.10	
Annual legumes saved for hay.....	468	643	16,774	12,764	22,935	17,577	1.37	1.38	203,071	263,655	8.85	15.00
Small grains cut for hay.....	6,157	8,112	123,206	132,136	115,087	125,221	0.93	0.95	1,104,870	2,253,978	9.60	18.00
Other tame grasses.....	3,423	6,369	111,603	126,041	113,762	131,544	1.02	1.04	927,322	2,104,704	8.15	16.00
Wild, salt, or prairie grasses.....	3,608	4,599	361,601	411,107	326,051	364,901	0.90	0.80	2,639,281	6,385,836	8.09	17.50
Silage and miscellaneous forage crops.....			260,279	398,467	504,186	678,628	1.74	1.70	3,211,799	8,107,126	6.37	11.95
Corn for silage.....	2,155	2,766	46,430	56,126	233,330	238,340	5.03	4.25	1,457,424	2,383,460	6.25	10.00
Sorghums for silage, hay, or fodder.....	10,077	15,224	243,849	342,341	270,856	440,282	1.11	1.29	1,754,375	5,723,666	6.48	13.00
Corn cut for fodder.....	6,136	10,974	126,592	177,993		191,600				2,490,800		13.00
Root crops for forage.....	99	658	298	1,529	2,682	7,433	9.00	4.86	13,410	96,629	5.00	13.00

<sup>1</sup> See text discussion.

INDIVIDUAL CROPS

TABLE 49.—HAY AND FORAGE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919—Continued

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
MOUNTAIN—Continued												
New Mexico, total.....		20,806	348,973	496,547	594,287	693,807	1.53	1.59	\$6,236,887	\$12,852,761	\$11.60	\$18.62
All hay crops.....	16,424		173,487	223,621	321,921	394,007	1.96	1.76	4,599,849	8,341,119	14.29	21.48
Tame hay.....			150,403	180,741	301,843	356,496	2.01	1.97	4,294,526	7,940,943	14.56	22.27
Alfalfa.....	9,195	8,726	101,597	116,926	245,179	278,595	2.41	2.38	3,754,920	6,407,685	15.32	23.00
Timothy and timothy and clover mixed.....	795		10,656	8,716	13,358	11,142	1.25	1.28	161,952	215,884	12.12	10.38
Clover alone.....		90	737	1,460	1,014	2,286	1.38	1.56	12,632	36,576	12.46	16.00
Red, alsike, and mammoth clover.....	19		138		307		2.22		4,423		14.41	
Sweet, crimson, and Japan clover.....	40		599		707		1.18		8,209		11.61	
Annual legumes saved for hay.....	95	288	617	3,426	488	3,620	0.79	1.06	5,338	54,390	6.18	15.00
Small grains cut for hay.....	1,836	2,724	22,724	26,784	28,690	34,282	1.17	1.28	302,989	668,507	11.35	19.50
Other tame grasses.....	1,001	2,034	14,072	23,420	15,114	26,571	1.07	1.13	156,605	557,901	10.37	21.00
Wild, salt, or prairie grasses.....	899	1,430	23,084	42,880	20,078	37,511	0.87	0.87	205,364	600,176	10.23	16.00
Silage and miscellaneous forage crops.....			151,955	179,928	202,242	265,149	1.33	1.47	1,636,357	3,885,890	8.09	14.66
Corn for silage.....	231	247	2,415	3,541	14,694	16,609	6.08	4.69	99,769	187,790	10.94	9.50
Sorghums for silage, hay, or fodder.....	5,223	7,349	149,540	176,387	187,548	248,540	1.25	1.41	1,545,588	3,728,100	8.24	15.00
Corn cut for fodder.....	1,999	3,573	32,393	32,393	32,996	32,996	1.02	1.02	395,952	395,952	12.00	12.00
Root crops for forage.....	11	111	17	705	124	1,655	7.29	2.35	620	29,790	5.00	18.00
Arizona, total.....		6,530	138,194	197,498	351,944	494,686	2.55	2.50	5,745,444	10,658,211	16.32	21.55
All hay crops.....	5,140		121,442	152,600	302,214	393,156	2.49	2.58	5,334,524	9,428,757	17.65	23.98
Tame hay.....			114,473	144,236	296,657	385,354	2.59	2.67	5,258,396	9,319,529	17.76	24.18
Alfalfa.....	3,845	3,810	96,058	109,633	269,825	337,622	2.81	3.08	4,899,168	8,271,700	18.16	24.50
Timothy and timothy and clover mixed.....	43		545	677	723	941	1.33	1.39	11,790	23,525	16.32	25.00
Clover alone.....		39	324	193	452	272	1.49	1.41	5,762	5,712	12.75	21.00
Red, alsike, and mammoth clover.....	6		47		52		1.11		715		13.75	
Sweet, crimson, and Japan clover.....	40		277		400		1.44		5,047		12.62	
Annual legumes saved for hay.....	4	60	16	1,136	33	1,488	2.06	1.31	350	29,760	10.00	20.00
Small grains cut for hay.....	875	1,070	12,738	23,093	16,439	29,609	1.29	1.28	230,862	695,814	14.04	23.50
Other tame grasses.....	286	686	4,792	9,504	8,585	15,422	1.79	1.62	110,538	293,018	12.88	16.09
Wild, salt, or prairie grasses.....	240	339	6,999	8,364	6,157	7,803	0.88	0.93	76,128	169,228	12.36	14.00
Silage and miscellaneous forage crops.....			11,784	36,206	49,565	87,071	4.21	2.41	410,095	1,069,771	8.27	12.29
Corn for silage.....	210	308	3,304	7,254	25,663	42,963	7.77	5.92	177,089	408,151	6.90	9.50
Sorghums for silage, hay, or fodder.....	631	1,096	8,480	28,946	23,900	44,108	2.82	1.52	233,086	661,620	9.75	15.00
Corn cut for fodder.....	779	818	4,644	8,677	14,344	14,344	1.65	1.65	157,784	157,784	11.00	11.00
Root crops for forage.....	6	23	24	21	165	115	6.88	5.48	825	1,899	5.00	18.51
Utah, total.....		21,479	678,317	549,987	1,401,851	1,031,608	2.07	1.88	14,881,769	24,758,397	10.60	24.00
All hay crops.....	21,932		672,667	538,295	1,372,709	978,332	2.04	1.82	14,685,475	24,693,243	10.70	24.63
Tame hay.....			604,137	457,353	1,296,258	883,174	2.15	1.93	14,043,288	22,285,241	10.83	25.23
Alfalfa.....	21,296	18,573	550,706	365,190	1,218,525	748,940	2.20	2.08	13,238,603	19,048,207	10.91	25.50
Timothy and timothy and clover mixed.....	1,348		32,175	46,507	54,103	75,070	1.68	1.61	535,631	1,962,367	9.00	26.14
Clover alone.....		354	2,184	2,849	3,541	4,043	1.62	1.42	33,621	88,946	9.49	22.00
Red, alsike, and mammoth clover.....	69		568		927		1.63		9,745		10.51	
Sweet, crimson, and Japan clover.....	193		1,616		2,614		1.62		23,876		9.13	
Annual legumes saved for hay.....	31	252	151	1,830	332	4,046	2.20	2.21	3,316	80,920	9.99	20.00
Small grains cut for hay.....	463	1,747	4,456	15,589	4,550	17,585	1.02	1.13	62,928	351,700	11.63	20.00
Other tame grasses.....	546	1,118	14,465	25,388	20,207	34,481	1.40	1.32	179,189	703,101	8.87	21.00
Wild, salt, or prairie grasses.....	1,392	2,261	68,530	80,942	76,451	95,158	1.12	1.18	642,187	1,808,002	8.40	19.00
Silage and miscellaneous forage crops.....			2,531	4,101	27,834	31,740	11.00	7.74	169,754	321,904	6.10	10.14
Corn for silage.....	377	462	2,249	3,890	26,897	31,380	11.96	8.07	162,165	313,500	6.03	10.00
Sorghums for silage, hay, or fodder.....	61	61	282	211	937	360	3.32	1.71	7,589	8,104	8.10	22.51
Corn cut for fodder.....	849	1,322	3,033	6,638	12,623	12,623	1.90	1.90	170,420	170,420	13.50	13.50
Root crops for forage.....	39	513	86	933	1,308	8,914	15.21	9.55	6,540	173,830	5.00	19.50
Nevada, total.....		2,799	384,275	353,300	548,659	548,083	1.50	1.55	6,593,570	10,864,159	11.94	30.01
All hay crops.....	2,894		363,923	352,786	544,737	545,639	1.50	1.55	6,516,484	10,638,068	11.96	29.05
Tame hay.....			217,806	178,451	417,325	397,765	1.92	2.27	5,307,931	8,202,306	12.72	26.62
Alfalfa.....	2,413	2,072	149,768	117,156	336,235	339,099	2.29	2.63	4,357,066	6,785,482	12.96	26.50
Timothy and timothy and clover mixed.....	244		34,366	19,138	44,396	25,124	1.29	1.31	521,813	577,852	11.75	23.00
Clover alone.....		11	1,118	777	1,599	1,193	1.35	1.54	18,039	26,246	11.95	22.00
Red, alsike, and mammoth clover.....	15		906		1,156		1.28		14,397		12.45	
Sweet, crimson, and Japan clover.....	18		212		353		1.67		3,633		10.29	
Annual legumes saved for hay.....	3	12	126	774	135	591	1.07	0.76	1,525	10,638	11.30	18.00
Small grains cut for hay.....	325	398	4,333	7,046	4,877	7,459	1.13	1.06	64,417	137,997	13.21	18.50
Other tame grasses.....	153	204	31,165	30,560	30,176	32,899	0.97	1.06	345,050	664,181	11.43	20.50
Wild, salt, or prairie grasses.....	669	808	146,117	177,335	127,499	147,874	0.87	0.83	1,498,553	2,735,672	9.49	18.50
Silage and miscellaneous forage crops.....			230	216	1,922	1,794	8.36	8.31	12,086	18,291	6.29	10.20
Corn for silage.....	20	21	193	179	1,818	1,677	9.42	9.37	11,223	16,770	6.17	10.00
Sorghums for silage, hay, or fodder.....	15	23	37	37	104	117	2.81	3.16	863	1,621	8.30	13.00
Corn cut for fodder.....	34	38	122	266	474	474	1.78	1.78	6,162	6,162	13.00	13.00
Root crops for forage.....			17	33	128	128	3.94	3.94	1,638	1,638	13.00	13.00

1 See text discussion.



TABLE 49.—HAY AND FORAGE 1—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929 AND 1919—Continued

DIVISION OR STATE AND CROP	FARMS REPORTING		ACREAGE		PRODUCTION (TONS)		AVERAGE YIELD PER ACRE (TONS)		VALUE		AVERAGE VALUE PER TON	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
	PACIFIC											
<b>Washington, total</b> .....		50,586	844,601	1,064,130	1,585,698	2,013,913	1.88	1.89	\$24,434,501	\$47,717,065	\$15.41	\$23.69
All hay crops.....	46,581		822,851	1,068,871	1,474,663	1,770,420	1.79	1.74	23,736,482	44,069,624	16.10	25.18
Tame hay.....			791,998	978,816	1,439,295	1,717,241	1.82	1.75	23,323,430	43,439,223	16.20	25.30
Alfalfa.....	14,989	14,583	228,524	228,787	558,008	655,876	2.44	2.87	9,553,395	15,741,010	17.12	24.00
Timothy and timothy and clover mixed.....	14,262		160,563	195,788	319,386	385,749	1.99	1.97	5,076,404	9,886,840	15.89	25.03
Clover alone.....		3,274	19,566	17,795	40,584	37,108	2.07	2.09	641,444	890,592	15.81	24.00
Red, alsike, and mammoth clover.....	2,379		16,852		35,696				574,706		10.10	
Sweet, crimson, and Japan clover.....	427		2,714		4,888		1.80		66,738		13.65	
Annual legumes saved for hay.....	1,142	1,046	5,422	7,412	18,757	10,727	2.23	1.45	288,712	246,721	15.39	23.00
Small grains cut for hay.....	22,332	29,782	325,368	477,061	418,793	539,868	1.29	1.13	6,653,032	14,763,878	15.89	27.50
Other tame grasses.....	4,885	3,878	43,553	51,953	89,827	60,913	1.69	1.75	1,107,443	1,009,173	13.21	21.00
Wild, salt, or prairie grasses.....	2,006	1,734	39,853	39,955	35,398	53,179	1.15	1.10	414,052	630,401	11.71	19.00
Silage and miscellaneous forage crops.....			9,761	23,160	87,454	156,166	8.90	6.74	568,370	1,720,494	6.50	11.02
Corn for silage.....	1,566	3,045	9,726	22,540	87,262	154,832	8.97	6.87	566,950	1,703,152	6.50	11.00
Sorghums for silage, hay, or fodder.....	15	178	35	620	192	1,334	5.49	2.15	1,420	17,342	7.40	13.00
Corn cut for fodder.....	3,593	4,944	10,340	24,725	40,740				520,620		13.00	
Root crops for forage.....	1,368	6,612	1,649	7,374	23,571	66,587	14.29	9.03	129,649	1,398,327	5.50	21.00
<b>Oregon, total</b> .....		41,389	1,140,394	1,229,404	1,986,025	2,197,619	1.74	1.79	25,543,466	41,835,706	12.86	19.04
All hay crops.....	39,275		1,105,091	1,177,215	1,827,537	1,908,393	1.65	1.62	24,348,431	38,672,162	13.32	20.26
Tame hay.....			871,928	950,753	1,581,859	1,641,630	1.83	1.73	21,846,127	34,394,354	13.72	20.96
Alfalfa.....	10,068	7,417	249,535	210,655	635,990	592,460	2.55	2.81	8,439,110	12,441,600	13.27	21.00
Timothy and timothy and clover mixed.....	3,356		76,498	112,598	117,599	181,195	1.54	1.61	1,659,390	4,258,625	14.11	23.50
Clover alone.....		5,988	56,058	53,128	99,884	102,053	1.78	1.94	1,410,674	2,110,544	14.12	20.50
Red, alsike, and mammoth clover.....	5,313		52,810		94,702		1.70		1,338,539		14.13	
Sweet, crimson, and Japan clover.....	372		3,242		5,182		1.60		72,135		13.92	
Annual legumes saved for hay.....	4,740	1,957	52,627	24,723	107,296	39,764	2.04	1.61	1,564,063	795,280	14.58	20.00
Small grains cut for hay.....	21,901	25,740	337,908	467,390	481,303	581,467	1.42	1.24	6,969,844	12,210,807	14.30	21.00
Other tame grasses.....	6,089	6,356	99,392	82,340	149,782	143,191	1.51	1.74	1,863,046	2,577,438	12.44	18.00
Wild, salt, or prairie grasses.....	2,889	3,292	233,763	226,462	235,678	267,363	1.01	1.18	2,502,304	4,277,808	10.62	16.00
Silage and miscellaneous forage crops.....			22,196	34,243	140,105	186,993	6.31	5.46	1,093,924	1,869,930	7.81	10.00
Corn for silage.....	2,808	3,888	22,105	33,545	139,932	182,156	6.33	5.43	1,092,517	1,821,600	7.81	10.00
Sorghums for silage, hay, or fodder.....	13	316	91	698	173	4,837	1.90	6.93	1,407	48,370	8.13	19.00
Corn cut for fodder.....	4,391	3,691	11,152	12,835	34,412				344,120		10.00	
Root crops for forage.....	905	3,708	1,355	5,111	18,383	67,821	13.57	13.27	101,111	949,494	5.50	14.00
<b>California, total</b> .....		65,963	1,887,808	2,202,853	4,347,549	4,494,940	2.33	2.04	66,662,561	96,121,846	15.88	21.88
All hay crops.....	52,917		1,829,604	2,138,412	4,098,993	4,111,088	2.24	1.92	65,297,035	91,352,795	15.93	22.22
Tame hay.....			1,697,134	1,960,059	3,957,074	3,926,096	2.33	2.00	63,810,275	88,754,507	16.13	22.61
Alfalfa.....	32,509	31,652	794,946	716,515	2,793,820	2,412,654	3.51	3.36	45,760,488	54,282,470	16.88	22.50
Timothy and timothy and clover mixed.....	773		40,183	65,288	59,187	94,717	1.47	1.45	872,673	1,761,972	14.74	18.60
Clover alone.....		803	5,017	15,227	10,805	24,594	2.15	1.62	155,434	454,999	14.89	18.50
Red, alsike, and mammoth clover.....	338		4,036		9,371		2.32		135,905		14.60	
Sweet, crimson, and Japan clover.....	90		981		1,434		1.46		19,529		13.02	
Annual legumes saved for hay.....	216	915	5,164	25,865	6,312	30,057	1.22	1.16	93,776	601,140	14.86	20.00
Small grains cut for hay.....	24,529	39,958	742,475	1,085,380	928,361	1,296,807	1.25	1.19	14,745,866	30,474,979	15.88	23.50
Other tame grasses.....	3,878	2,229	109,349	49,836	158,589	67,867	1.45	1.35	2,182,038	1,178,938	13.76	17.50
Wild, salt, or prairie grasses.....	2,793	3,061	132,470	178,353	141,919	185,692	1.07	1.04	1,480,760	2,598,288	10.48	14.00
Silage and miscellaneous forage crops.....			25,335	44,040	189,171	232,458	7.47	5.28	1,268,631	2,343,359	6.71	10.08
Corn for silage.....	1,286	1,803	20,527	29,521	176,051	207,913	8.53	7.04	1,149,237	1,975,184	6.53	9.50
Sorghums for silage, hay, or fodder.....	497	1,386	4,808	14,519	13,120	24,545	2.73	1.69	119,394	368,175	9.10	15.00
Corn cut for fodder.....	1,848	2,033	8,726	13,661	24,967				349,538		14.00	
Root crops for forage.....	602	1,641	4,141	6,740	59,379	125,827	14.34	18.07	296,895	2,076,154	5.00	16.50

1 See text discussion.

# INDIVIDUAL CROPS

Potatoes (Irish or white).—A material increase in the number of farms reporting potatoes occurred since 1925. No marked change has taken place in the acreage but the production is considerably lower than that reported at the last census, due to seasonal conditions.

While potatoes constitute a relatively small percentage of the total crop acreage they form 5.1 per cent of the total value of all crops, being exceeded only by corn, wheat, and cotton. Maine and Minnesota led in the total production.

The instructions on the general farm schedule, the emphasis on fractional acreage, and the position which the inquiry occupied on the schedule were such as to obtain quite a complete report in 1929.

PRODUCTION OF POTATOES, 20 LEADING STATES: 1929 AND 1924

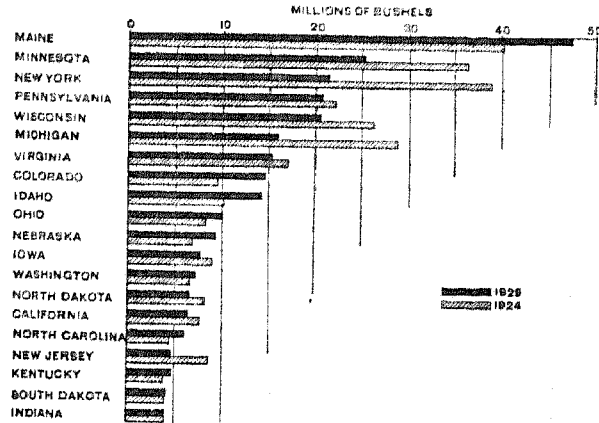
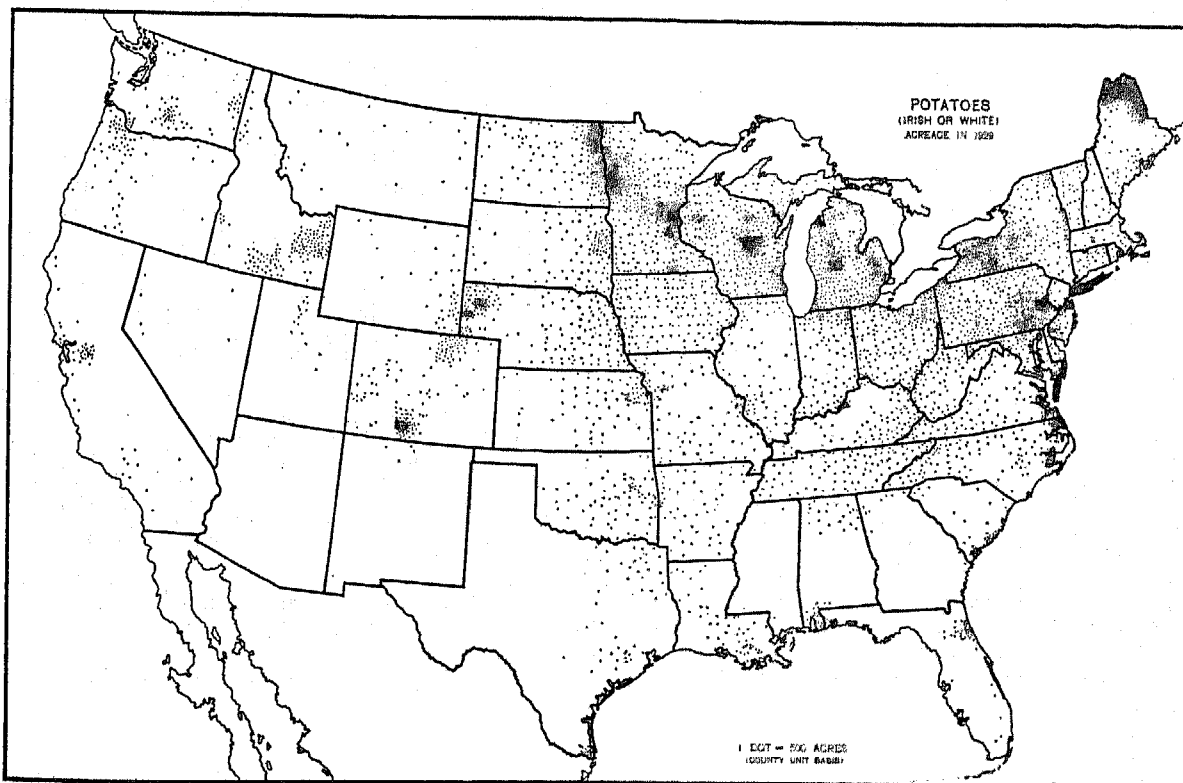


TABLE 50.—POTATOES (IRISH OR WHITE)—SUMMARY FOR THE UNITED STATES: 1849 TO 1929  
[Statistics for divisions and States in Tables 51 and 52]

ITEM	1929	1924	1919 <sup>1</sup>	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting.....	2,952,677	2,323,810	2,887,992	3,179,907	2,836,105					
Per cent of all farms.....	47.4	36.5	44.8	50.0	49.4					
Acreage.....	2,944,082	2,910,780	3,251,703	3,668,855	2,938,778	2,600,750	( <sup>2</sup> )			
Increase over preceding census <sup>3</sup> .....	33,296	-340,917	-417,152	730,077	338,028					
Per cent of increase <sup>3</sup> .....	1.1	-10.5	-11.4	24.8	13.0					
Average per farm reporting.....	1.0	1.3	1.1	1.2	1.0					
Production (bushels).....	322,415,914	352,462,200	290,427,580	380,194,065	273,318,167	217,546,362	169,458,559	143,337,473	111,009,867	65,767,896
Increase over preceding census <sup>3</sup> .....	-30,046,286	62,034,620	-98,767,385	115,876,798	55,771,805	49,087,823	26,121,066	32,237,606	45,301,971	
Per cent of increase <sup>3</sup> .....	-8.5	21.4	-25.4	42.4	25.6	28.4	18.2	29.0	65.9	
Average yield per acre.....	109.5	121.1	89.3	106.1	93.0	83.6				
Per capita production <sup>4</sup> .....	2.6	3.1	2.7	4.2	3.6	3.5				
Value.....	\$414,833,038	\$223,025,487	\$639,440,521	\$166,423,910	\$98,380,110					
Increase over preceding census <sup>3</sup> .....	\$190,908,151	-\$415,515,034	\$473,016,611	\$68,043,800						
Per cent of increase <sup>3</sup> .....	45.3	-65.0	294.2	69.2						
Average per bushel.....	\$1.29	\$0.64	\$2.20	\$0.43	\$0.36					
Average per acre.....	\$140.90	\$76.93	\$196.65	\$45.36	\$33.48					
Per cent that value of potatoes formed of total value of all crops.....	5.1	( <sup>5</sup> )	4.3	3.2	3.4					

<sup>1</sup> Does not include potatoes (Irish or white) grown in farm gardens in 1919. <sup>2</sup> Acreage not completely reported. <sup>3</sup> A minus sign (-) denotes decrease.  
<sup>4</sup> Between 1919 and 1929, the acreage decreased 9.5 per cent; the production increased 11.0 per cent; and the value decreased 35.1 per cent.  
<sup>5</sup> Based on population as of census dates, except 1924, which is based on official estimate as of January 1, 1925. <sup>6</sup> Figures not available.





AGRICULTURE

TABLE 51.—POTATOES (IRISH OR WHITE) —FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929, 1924, AND 1919

DIVISION AND STATE	FARMS REPORTING			ACREAGE			PRODUCTION (BUSHEL)			VALUE		
	1929	1924	1919	1929	1924	1919	1929	1924	1919	1929	1924	1919
United States.....	2,982,677	2,328,810	2,887,992	2,944,082	2,810,786	3,251,703	322,415,914	352,462,200	290,427,580	\$414,833,638	\$233,925,487	\$839,440,621
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	77,335	97,409	120,257	204,703	192,794	191,901	52,561,541	47,460,636	32,702,026	64,463,956	21,397,151	68,958,572
Middle Atlantic.....	257,823	297,342	359,794	442,789	549,082	620,917	40,935,403	69,564,497	64,841,838	72,794,291	43,020,503	138,893,994
East North Central.....	644,361	597,967	711,015	639,801	672,023	848,455	54,600,019	73,499,958	64,995,709	73,728,251	39,085,054	144,724,622
West North Central.....	739,978	611,050	696,565	776,556	741,467	777,551	60,942,902	73,676,612	50,234,408	68,597,267	34,905,624	113,474,008
South Atlantic.....	442,363	269,026	338,828	291,075	288,305	273,591	34,947,918	33,771,843	20,891,791	45,020,629	37,015,789	60,286,602
East South Central.....	372,342	210,443	278,875	118,202	95,169	102,332	10,089,080	7,768,959	6,659,748	12,861,351	9,104,907	10,108,938
West South Central.....	320,133	134,280	234,224	135,031	80,740	96,701	9,673,594	5,105,827	6,368,427	11,430,351	6,877,516	14,080,043
Mountain.....	70,623	57,735	76,146	227,320	171,811	175,763	35,623,628	24,321,822	20,110,050	41,709,018	10,307,033	44,260,285
Pacific.....	57,719	48,555	72,288	108,605	119,384	158,492	17,041,829	17,292,046	17,623,577	24,228,524	16,121,305	38,653,107
<b>NEW ENGLAND:</b>												
Maine.....	27,688	30,709	36,896	162,396	135,402	111,378	47,441,580	40,121,881	25,531,470	56,046,900	14,867,601	62,330,514
New Hampshire.....	9,504	13,368	16,152	7,179	9,838	13,334	1,030,327	1,365,812	1,341,978	1,076,535	1,201,917	2,052,351
Vermont.....	17,186	20,645	24,581	13,874	18,507	24,182	1,727,684	2,523,462	2,277,387	2,519,900	1,943,063	5,010,262
Massachusetts.....	11,785	15,865	22,813	9,719	12,909	21,558	992,273	1,686,390	1,885,655	1,770,470	1,618,936	4,619,855
Rhode Island.....	1,756	2,069	2,987	1,865	2,110	3,149	237,050	254,373	293,087	420,700	251,829	674,100
Connecticut.....	9,416	14,753	16,828	9,670	14,028	18,300	1,132,621	1,508,718	1,372,449	2,023,301	1,523,805	3,362,600
<b>MIDDLE ATLANTIC:</b>												
New York.....	115,606	140,610	163,148	212,400	235,588	310,403	21,445,436	38,805,041	32,470,847	32,407,797	20,921,788	69,812,321
New Jersey.....	9,097	12,041	19,105	36,963	62,201	82,533	4,733,520	8,514,815	10,319,306	7,621,482	4,926,748	21,670,546
Pennsylvania.....	133,120	144,691	177,641	193,426	201,295	233,981	20,756,447	22,244,041	22,051,685	32,765,012	17,171,072	47,411,127
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	138,681	116,123	144,203	104,490	97,106	124,917	10,031,954	8,165,213	7,513,960	15,477,956	7,711,625	17,657,811
Indiana.....	100,786	78,771	93,596	49,642	43,638	62,192	4,145,446	3,983,073	2,477,034	6,244,311	3,189,745	6,068,734
Illinois.....	128,459	115,881	151,233	46,721	56,532	66,384	3,920,986	5,995,628	4,699,134	6,304,782	4,918,695	11,277,926
Michigan.....	123,937	134,686	156,752	223,794	241,232	280,538	15,911,808	23,871,507	23,629,560	21,111,199	11,958,551	49,055,600
Wisconsin.....	152,598	152,506	166,231	215,154	233,200	294,424	20,589,825	26,484,447	26,376,021	25,500,003	11,307,138	60,664,851
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	147,777	133,496	135,611	329,598	326,273	331,930	25,416,960	36,384,534	26,690,056	27,777,680	11,337,180	57,383,621
Iowa.....	151,088	127,033	131,292	76,855	78,245	97,336	7,613,682	8,978,097	4,438,516	9,053,128	5,471,853	10,874,361
Missouri.....	153,664	134,527	159,887	49,863	53,755	66,051	3,926,305	4,978,320	4,057,753	4,837,150	4,510,372	10,144,410
North Dakota.....	55,905	45,447	54,221	121,052	107,283	82,561	6,695,416	8,219,746	4,717,556	7,647,247	3,332,080	10,142,747
South Dakota.....	52,716	40,492	43,412	55,940	53,189	58,150	4,169,943	4,025,091	2,863,186	4,690,403	1,925,602	7,157,983
Nebraska.....	91,173	71,426	79,628	100,908	81,329	94,247	9,350,327	6,801,877	4,452,497	10,340,147	4,525,886	10,685,998
Kansas.....	87,655	58,629	92,514	42,310	41,393	47,246	3,770,263	4,288,938	3,014,845	4,242,532	3,892,651	7,084,888
<b>SOUTH ATLANTIC:</b>												
Delaware.....	6,755	5,979	6,180	4,234	5,627	8,255	340,738	498,595	487,668	484,876	398,876	950,953
Maryland.....	29,755	25,963	32,520	29,958	36,501	46,837	3,360,162	3,408,106	4,918,760	4,611,931	2,870,980	9,591,592
District of Columbia.....	39	38	124	61	72	205	3,973	5,501	19,799	5,761	4,841	39,598
Virginia.....	114,740	81,182	91,264	102,656	112,882	105,789	15,244,216	17,134,931	12,263,374	18,642,804	16,186,458	26,979,423
West Virginia.....	69,086	60,259	70,155	35,924	31,283	34,526	3,745,941	2,062,605	2,809,398	5,057,826	2,873,506	6,461,619
North Carolina.....	132,771	67,375	79,069	61,507	44,304	35,797	6,072,709	4,492,925	2,863,707	6,992,206	5,208,693	6,278,351
South Carolina.....	32,422	8,241	21,927	20,323	20,660	13,402	2,580,248	2,398,280	1,077,936	3,202,698	3,710,523	3,018,221
Georgia.....	49,682	15,204	32,658	12,952	9,255	11,195	879,618	741,793	693,857	1,219,568	1,224,394	1,665,257
Florida.....	7,113	4,785	4,931	23,460	27,721	17,625	2,714,323	2,429,014	1,767,196	4,802,959	4,531,518	5,301,583
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	136,618	93,593	101,904	49,250	41,274	50,069	4,651,948	3,802,874	3,131,377	5,700,661	3,890,914	7,671,876
Tennessee.....	129,948	81,708	100,502	38,651	32,358	29,873	3,129,990	2,248,203	1,900,951	3,760,125	2,603,978	4,439,820
Alabama.....	66,431	25,132	48,010	21,266	16,695	13,397	1,609,525	1,438,529	880,450	2,331,052	2,160,917	2,304,769
Mississippi.....	39,345	10,010	28,459	9,045	4,842	8,993	697,617	279,853	650,970	1,069,513	449,098	1,692,523
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	101,154	61,334	81,751	29,215	23,229	24,128	2,516,745	1,637,545	1,705,277	2,818,434	2,043,074	4,069,143
Louisiana.....	36,092	11,214	23,382	27,466	17,071	19,677	1,478,967	763,148	971,795	2,056,651	1,080,132	2,137,749
Oklahoma.....	85,488	36,884	66,811	38,564	23,389	25,633	2,904,660	1,537,052	1,924,194	2,803,165	1,820,204	4,040,810
Texas.....	97,399	24,848	62,280	39,780	17,057	27,263	2,773,216	1,168,079	1,707,251	3,752,101	1,934,106	3,841,341
<b>MOUNTAIN:</b>												
Montana.....	21,687	19,253	20,490	20,673	19,576	22,178	1,842,812	1,703,471	1,659,017	2,027,514	1,611,408	3,898,690
Idaho.....	15,406	13,217	16,723	76,009	60,694	43,196	14,304,596	10,147,181	6,300,835	16,525,013	6,580,018	13,546,798
Wyoming.....	6,875	5,548	6,066	19,952	10,391	11,791	1,834,305	932,510	851,253	2,278,913	851,057	2,000,443
Colorado.....	15,043	10,445	17,903	89,692	64,560	77,337	14,649,446	9,591,064	8,874,783	16,278,900	5,303,219	19,524,525
New Mexico.....	1,444	579	1,454	4,097	1,193	3,070	318,991	51,200	110,740	418,331	79,135	260,239
Arizona.....	605	425	791	1,807	2,061	2,505	156,642	89,312	174,301	267,616	143,109	435,755
Utah.....	8,506	7,316	11,453	10,798	9,916	12,047	1,975,277	1,358,533	1,048,400	2,155,825	1,087,071	3,494,607
Nevada.....	1,057	955	1,260	3,692	3,415	3,639	541,559	448,551	490,727	861,900	562,016	1,099,228
<b>PACIFIC:</b>												
Washington.....	28,768	26,935	36,085	43,908	45,047	55,132	7,188,337	6,715,134	5,860,710	10,383,719	6,060,167	12,320,093
Oregon.....	22,557	18,211	24,685	33,039	31,112	40,055	3,304,289	2,980,380	4,890,104	3,120,902	7,431,756	
California.....	6,394	4,409	11,518	31,658	43,225	63,305	6,489,203	7,596,626	8,217,937	8,954,701	6,940,236	18,901,258

1 Does not include potatoes (Irish or white) grown in farm gardens in 1919.

# INDIVIDUAL CROPS

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TABLE 52.—POTATOES (IRISH OR WHITE)<sup>1</sup>—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES:  
1899 TO 1929

DIVISION AND STATE	ACREAGE					PRODUCTION (BUSHELS)				
	1929	1924	1919	1909	1899	1929	1924	1919	190	1899
United States.....	2,944,082	2,910,788	3,251,703	3,668,855	2,938,778	322,413,914	352,462,900	290,427,580	359,194,965	273,818,187
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	204,703	192,794	191,901	233,095	180,625	52,561,541	47,460,636	32,702,026	41,245,977	23,466,222
Middle Atlantic.....	442,789	549,082	626,917	729,323	676,403	46,935,403	69,564,497	64,841,538	78,395,736	64,372,759
East North Central.....	639,801	672,028	848,455	1,106,032	957,193	54,600,019	73,499,958	64,995,709	111,606,777	80,988,131
West North Central.....	776,556	741,467	777,551	783,813	637,184	60,942,902	73,676,612	50,234,408	72,067,551	60,812,816
South Atlantic.....	291,075	288,305	273,591	239,762	157,481	34,947,918	33,771,843	26,891,791	22,102,630	12,150,748
East South Central.....	118,202	95,169	102,332	119,541	80,138	10,089,080	7,768,959	6,659,748	9,516,160	5,051,554
West South Central.....	135,031	80,746	96,701	117,761	72,876	9,673,594	5,105,827	6,398,427	7,413,887	4,867,562
Mountain.....	227,320	171,811	178,763	169,678	80,226	35,623,628	24,321,822	20,110,056	24,232,109	9,046,736
Pacific.....	108,605	119,384	158,492	169,850	97,252	17,041,829	17,292,046	17,623,577	22,314,138	12,561,839
<b>NEW ENGLAND:</b>										
Maine.....	162,396	135,402	111,378	135,799	71,765	47,441,580	40,121,881	25,531,470	28,556,837	9,813,748
New Hampshire.....	7,179	9,838	13,334	17,370	19,422	1,030,327	1,365,812	1,341,978	2,360,241	2,420,668
Vermont.....	13,874	18,507	24,182	26,859	25,353	1,727,654	2,523,462	2,277,387	4,145,630	3,547,829
Massachusetts.....	9,719	12,909	21,558	24,459	27,521	992,278	1,686,390	1,885,655	2,046,178	3,846,590
Rhode Island.....	1,865	2,110	3,149	4,649	5,816	237,056	254,373	293,087	552,677	843,853
Connecticut.....	9,670	14,028	18,300	23,959	27,148	1,132,621	1,508,718	1,372,449	2,084,414	3,493,534
<b>MIDDLE ATLANTIC:</b>										
New York.....	212,400	285,580	310,403	394,319	395,640	21,445,436	38,805,641	32,470,847	48,597,701	38,000,471
New Jersey.....	36,963	62,201	82,533	72,991	52,896	4,733,520	8,514,815	10,319,306	8,057,424	4,542,816
Pennsylvania.....	193,426	201,295	233,981	262,013	227,867	20,756,447	22,244,041	22,651,685	21,740,611	21,769,472
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	104,400	97,106	124,917	212,808	167,590	10,031,954	8,165,213	7,513,960	20,322,984	13,769,238
Indiana.....	49,642	43,638	62,192	99,604	84,245	4,145,446	3,963,073	2,477,034	8,905,679	6,209,080
Illinois.....	46,721	56,832	86,384	138,052	136,464	3,920,986	5,995,628	4,699,134	12,166,091	12,951,871
Michigan.....	223,794	241,232	280,538	365,483	311,993	15,911,808	28,871,597	23,929,569	38,243,828	23,476,444
Wisconsin.....	215,154	233,200	294,424	290,185	256,931	20,589,825	26,484,447	26,376,621	31,668,195	24,641,495
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	329,598	326,273	331,930	223,692	146,659	25,416,966	36,384,534	26,690,056	26,802,948	14,643,327
Iowa.....	76,885	78,245	97,336	169,667	175,888	7,613,682	8,978,097	4,438,516	14,710,247	17,305,919
Missouri.....	49,803	53,785	66,051	96,259	93,915	3,926,305	4,978,329	4,057,733	7,796,410	7,786,623
North Dakota.....	121,052	107,283	82,561	54,067	21,936	6,695,416	8,219,746	4,717,556	5,551,430	2,257,350
South Dakota.....	55,940	53,189	58,180	50,052	33,567	4,169,943	4,025,091	2,863,186	3,441,692	2,909,914
Nebraska.....	100,908	81,329	94,247	111,151	79,901	9,350,327	6,801,877	4,452,497	8,117,775	7,817,438
Kansas.....	42,310	41,393	47,246	70,025	65,318	3,770,263	4,288,938	3,014,645	5,647,049	8,091,745
<b>SOUTH ATLANTIC:</b>										
Delaware.....	4,234	5,627	8,255	9,703	5,755	340,738	498,595	487,068	880,360	414,010
Maryland.....	29,958	36,501	46,837	39,299	26,472	3,366,152	3,408,106	4,918,766	3,444,311	1,991,367
District of Columbia.....	61	72	265	226	194	3,973	5,501	19,799	32,028	15,586
Virginia.....	102,656	112,882	105,789	86,927	51,021	15,244,216	17,134,931	12,263,374	8,770,778	4,409,672
West Virginia.....	35,924	31,283	34,526	42,621	30,123	3,745,941	2,662,695	2,809,368	4,077,066	2,245,821
North Carolina.....	61,697	44,304	35,797	31,990	23,619	6,072,709	4,492,928	2,853,797	2,372,260	1,636,445
South Carolina.....	20,323	20,660	13,402	8,610	8,068	2,580,248	2,398,280	1,077,936	782,430	651,916
Georgia.....	12,952	9,255	11,195	11,877	8,477	879,618	741,793	693,857	886,430	553,129
Florida.....	23,460	27,721	17,525	8,509	3,752	2,714,323	2,429,014	1,767,196	856,967	232,212
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	49,250	41,274	50,009	55,750	37,160	4,651,948	3,802,374	3,131,377	5,120,141	2,061,774
Tennessee.....	38,651	32,358	29,873	40,963	27,103	3,129,990	2,248,203	1,900,951	2,922,713	1,404,097
Alabama.....	21,266	16,995	13,397	14,486	9,505	1,069,525	1,438,529	886,450	1,128,504	887,711
Mississippi.....	9,045	4,842	8,993	8,342	6,370	697,617	279,853	650,970	644,742	398,272
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	29,215	23,229	24,128	29,719	26,456	2,516,745	1,637,548	1,765,277	2,096,893	1,783,969
Louisiana.....	27,466	17,071	19,677	19,655	9,220	1,478,967	763,148	971,705	1,183,525	549,280
Oklahoma.....	38,564	23,389	25,633	32,295	15,360	2,904,666	1,537,052	1,924,194	1,897,486	1,191,997
Texas.....	39,788	17,057	27,263	36,092	21,810	2,773,216	1,168,079	1,707,251	2,285,983	1,342,316
<b>MOUNTAIN:</b>										
Montana.....	20,673	19,676	22,178	20,710	9,613	1,842,812	1,763,471	1,659,017	3,240,696	1,332,062
Idaho.....	76,009	60,694	43,196	28,341	9,313	14,304,596	10,147,181	6,300,835	4,710,262	1,035,290
Wyoming.....	19,952	10,391	11,791	8,333	2,809	1,334,305	932,610	851,253	932,162	262,328
Colorado.....	89,692	64,660	77,337	85,839	44,075	14,640,446	9,591,064	8,874,783	11,780,674	4,465,748
New Mexico.....	4,097	1,198	3,070	6,290	1,122	318,991	51,200	110,740	295,255	72,613
Arizona.....	1,807	2,061	2,605	1,151	626	156,642	89,312	174,301	97,141	33,927
Utah.....	10,798	9,916	12,947	14,210	10,433	1,975,277	1,358,533	1,048,400	2,409,093	1,483,870
Nevada.....	3,692	3,415	3,639	4,864	2,235	841,559	448,551	490,727	766,826	361,188
<b>PACIFIC:</b>										
Washington.....	43,908	45,047	55,132	57,897	25,119	7,188,337	6,715,124	5,866,710	7,667,171	3,557,876
Oregon.....	33,039	31,112	40,055	44,263	30,035	3,364,289	2,980,386	3,538,930	4,822,962	3,701,367
California.....	31,658	43,225	63,305	67,688	42,098	6,489,203	7,590,526	8,217,937	9,824,065	5,242,566

<sup>1</sup> Does not include potatoes (Irish or white) grown in farm gardens in 1919.

Sweetpotatoes and yams.—The acreage and production of sweetpotatoes and yams, whether grown for home use or for sale, were reported in 1929. In 1919, sweetpotatoes for home use grown in gardens were not included in sweetpotato statistics. The

changes in local conditions and improved methods of curing sweetpotatoes so that they can be kept satisfactorily will account for the increase in the number of farms and acreage since 1924.

PRODUCTION OF SWEETPOTATOES AND YAMS, 10 LEADING STATES: 1929 AND 1919

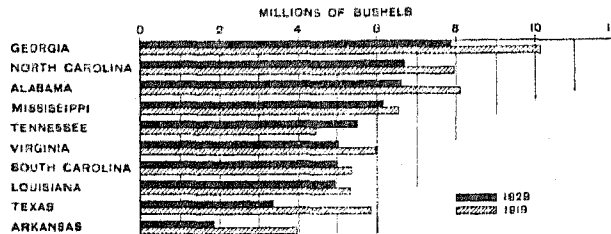


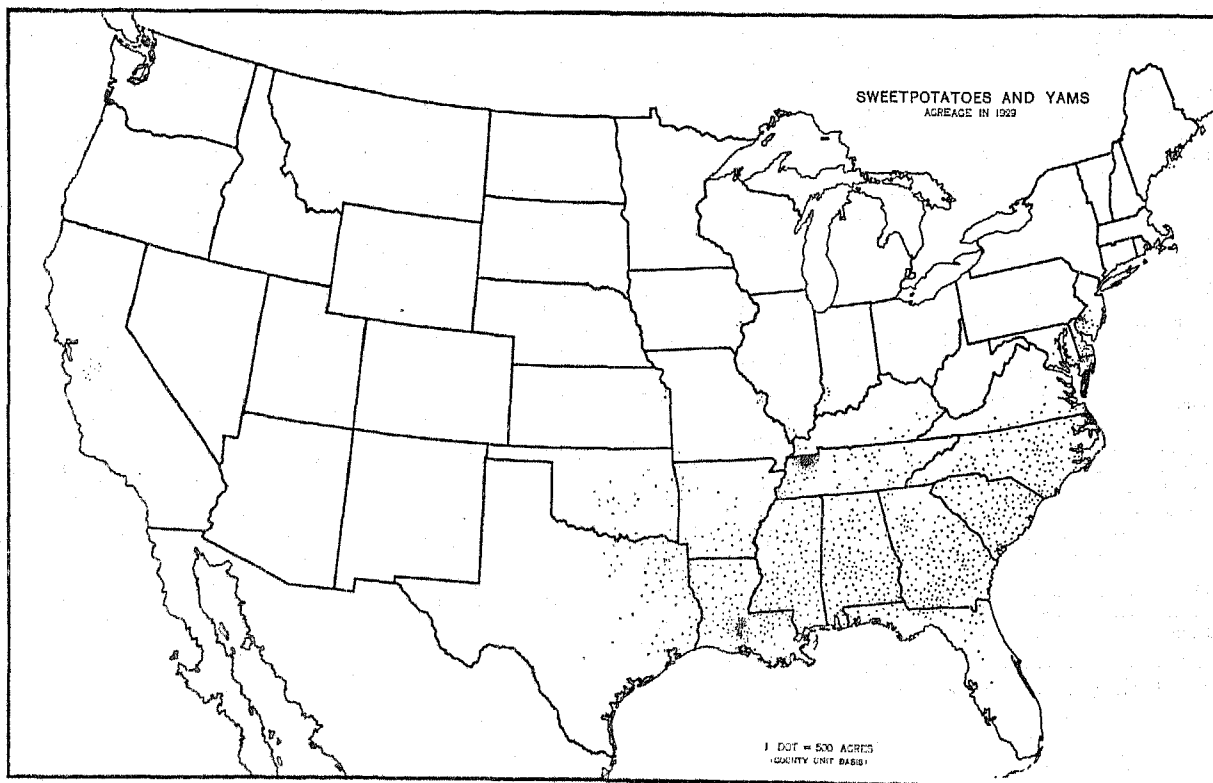
TABLE 53.—SWEETPOTATOES AND YAMS—SUMMARY FOR THE UNITED STATES: 1849 TO 1929

[Statistics for divisions and States in Table 54]

ITEM	1929	1924	1919 <sup>1</sup>	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting.....	1,126,423	685,054	1,406,780	1,121,900	1,001,719					
Per cent of all farms.....	17.9	10.8	21.8	17.6	17.5					
Acreage.....	649,847	466,632	803,490	641,255	537,312	524,588	( <sup>2</sup> )			
Increase over preceding census <sup>3</sup> .....	183,015	-336,698	162,175	108,043	12,724					
Per cent of increase <sup>3</sup> .....	<sup>4</sup> 39.2	-41.9	25.3	18.3	2.4					
Average per farm reporting.....	0.6	0.7	0.6	0.6	0.5					
Production (bushels).....	65,193,091	37,443,870	78,091,913	59,232,070	42,517,412	43,950,201	33,378,693	21,709,824	42,095,026	38,268,148
Increase over preceding census <sup>3</sup> .....	27,749,221	-40,648,043	18,859,843	16,714,658	-1,432,849	10,571,568	11,668,869	-20,385,202	3,826,878	
Per cent of increase <sup>3</sup> .....	<sup>4</sup> 74.1	-52.1	31.8	39.3	-3.3	31.7	53.7	-48.4	10.0	
Average yield per acre.....	100.3	80.2	97.2	92.4	79.1	83.8				
Value.....	\$67,724,969	\$53,811,800	\$124,844,475	\$35,429,176	\$19,869,840					
Increase over preceding census <sup>3</sup> .....	\$13,913,169	-\$71,032,675	\$39,415,299	\$15,559,336						
Per cent of increase <sup>3</sup> .....	<sup>4</sup> 25.9	-56.9	25.4	78.3						
Average per bushel.....	\$1.04	\$1.44	\$1.60	\$0.60	\$0.47					
Average per acre.....	\$104.22	\$115.27	\$155.39	\$55.25	\$36.98					
Per cent that value of sweetpotatoes and yams formed of total value of all crops.....	0.8	( <sup>5</sup> )	0.8	0.7	0.7					

<sup>1</sup> Does not include sweetpotatoes and yams grown in farm gardens in 1919.  
<sup>2</sup> Acreage not completely reported.  
<sup>3</sup> A minus sign (-) denotes decrease.

<sup>4</sup> The decrease from 1919 to 1929 was: Acreage, 19.1 per cent; production, 16.5 per cent; and value, 45.8 per cent.  
<sup>5</sup> Figures not available.



# INDIVIDUAL CROPS

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TABLE 54.—SWEETPOTATOES AND YAMS<sup>1</sup>—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929, 1924, AND 1919

DIVISION AND STATE	FARMS REPORTING			ACREAGE			PRODUCTION (BUSHELS)			VALUE		
	1929	1924	1919	1929	1924	1919	1929	1924	1919	1929	1924	1919
United States.....	1,126,423	685,054	1,406,780	649,847	466,832	803,430	65,193,091	37,443,870	78,091,919	\$67,724,969	\$33,811,800	\$124,844,476
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	2		17	2		9	112		327	191		780
Middle Atlantic.....	10,312	6,896	19,830	13,089	13,205	17,867	1,586,721	1,720,249	1,950,082	2,328,903	3,084,979	4,006,904
East North Central.....	36,330	11,068	59,148	8,633	4,712	14,018	606,402	414,767	1,089,862	1,209,664	614,973	2,346,756
West North Central.....	56,383	25,408	74,702	14,928	11,381	19,048	1,455,543	1,091,881	1,680,148	1,973,982	1,521,640	3,638,524
South Atlantic.....	424,820	318,248	544,089	263,674	225,893	337,162	29,675,358	20,066,335	35,067,513	27,738,266	24,987,850	52,638,171
East South Central.....	392,655	217,194	433,313	189,435	114,144	214,799	19,507,896	8,194,251	20,321,438	19,759,145	12,882,488	30,602,493
West South Central.....	203,922	105,236	272,939	149,464	93,295	191,929	11,543,940	5,593,173	16,967,631	12,989,444	9,686,486	29,333,551
Mountain.....	620	314	891	2,235	800	966	315,998	83,845	107,689	533,745	219,677	275,384
Pacific.....	1,370	690	1,845	8,387	3,492	7,642	801,121	279,369	868,223	1,185,629	813,707	1,996,912
<b>NEW ENGLAND:</b>												
Maine.....												
New Hampshire.....												
Vermont.....												
Massachusetts.....												
Rhode Island.....	2		2	2		(?)	112		11	191		22
Connecticut.....			15			9			316			758
<b>MIDDLE ATLANTIC:</b>												
New York.....	19	7	55	13	4	16	733		203	1,498		3,520
New Jersey.....	3,454	3,918	6,418	12,147	12,441	15,427	1,498,799	1,662,610	1,772,829	2,181,959	2,992,099	3,634,301
Pennsylvania.....	6,839	2,971	13,363	929	760	2,424	87,189	57,436	175,755	145,697	91,897	360,083
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	5,790	1,688	12,870	662	512	2,584	55,829	35,366	224,774	80,301	55,062	528,225
Indiana.....	11,160	3,183	19,439	3,160	1,194	3,409	388,843	114,806	195,515	563,255	170,563	479,015
Illinois.....	19,341	6,176	26,745	4,764	2,990	8,003	458,523	263,929	668,845	560,577	388,627	1,337,690
Michigan.....	17	21	94	16	7	22	840	576	728	1,387	721	1,826
Wisconsin.....	23			31			2,367			4,144		
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	10		12	14		2	591		191	1,095		466
Iowa.....	2,119	730	6,397	1,589	1,325	3,236	132,710	91,555	216,578	209,845	164,802	563,102
Missouri.....	49,008	20,422	68,242	9,482	6,225	11,165	858,010	597,463	997,606	1,099,419	805,631	2,094,979
North Dakota.....												
South Dakota.....	4		9	4		5	190		251	372		666
Nebraska.....	700	514	774	256	420	274	30,658	29,237	25,536	54,118	49,712	63,833
Kansas.....	4,542	3,742	9,268	3,583	3,411	4,366	433,354	373,626	448,986	609,133	501,495	920,428
<b>SOUTH ATLANTIC:</b>												
Delaware.....	4,160	2,994	4,547	6,106	4,954	9,813	884,527	704,073	1,605,278	850,932	1,056,110	2,634,237
Maryland.....	8,148	5,949	11,484	8,984	6,688	10,185	1,629,673	941,314	1,453,880	1,599,256	1,317,839	2,762,373
District of Columbia.....	39	37	70	77	74	115	7,850		8,318	12,214	11,645	25,354
Virginia.....	58,473	39,611	50,537	35,720	28,595	42,889	5,042,596	3,850,496	5,981,348	4,646,629	5,051,941	9,570,164
West Virginia.....	7,950	4,186	15,283	1,051	1,023	2,678	96,776	70,101	221,378	163,326	109,124	498,107
North Carolina.....	130,585	89,782	137,230	60,352	51,063	74,678	6,710,596	4,455,480	7,959,786	6,223,560	5,373,085	11,939,707
South Carolina.....	78,092	56,659	106,104	46,776	34,467	60,325	5,011,099	2,355,681	5,369,611	4,367,912	2,697,207	8,591,379
Georgia.....	116,792	100,568	181,987	84,855	79,195	110,033	7,889,447	6,016,916	10,132,016	8,064,572	7,084,904	13,171,629
Florida.....	20,672	18,472	27,847	19,763	19,749	26,436	1,796,764	1,657,956	2,460,872	1,874,865	2,285,695	3,445,221
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	61,202	41,343	70,183	14,076	10,719	14,892	1,266,724	777,248	1,222,651	1,560,182	1,161,398	2,750,979
Tennessee.....	98,125	53,905	99,550	53,842	26,832	39,645	5,498,467	2,399,353	4,452,883	5,642,747	4,154,483	7,347,259
Alabama.....	126,125	83,413	149,639	68,105	48,443	90,868	6,601,598	3,673,118	8,095,404	6,447,166	4,814,717	11,333,568
Mississippi.....	107,143	38,533	113,941	53,412	28,150	69,304	6,141,197	1,444,532	6,550,500	6,109,050	2,751,890	9,170,687
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	56,417	41,295	84,189	22,235	20,537	39,019	1,863,240	1,657,375	3,950,870	3,296,935	2,536,016	6,533,789
Louisiana.....	65,316	25,624	69,473	66,579	35,608	68,033	4,953,138	1,716,034	5,324,419	5,168,424	3,277,949	8,785,292
Oklahoma.....	22,388	10,967	36,840	15,998	9,290	16,735	1,334,798	786,547	1,844,463	1,528,837	1,271,116	3,504,490
Texas.....	59,801	27,360	82,437	44,652	24,854	68,142	3,392,764	1,433,217	5,838,879	4,001,248	2,601,405	10,599,980
<b>MOUNTAIN:</b>												
Montana.....	5			5			283			594		
Idaho.....	11			17			966			2,176		
Wyoming.....												
Colorado.....	93	25	61	41	16	37	4,316	1,332	4,621	7,862	2,331	12,479
New Mexico.....	337	159	526	1,609	550	605	251,085	60,391	67,987	404,670	150,980	169,972
Arizona.....	160	130	290	549	234	317	58,319	22,122	34,474	122,472	66,366	91,856
Utah.....	13		1	12		(?)	979			1,861		30
Nevada.....	1		13	2		7	50			105		1,547
<b>PACIFIC:</b>												
Washington.....	21			14			1,463			3,074		
Oregon.....	42	26	31	60	26	10	9,023	1,210	923	17,144	3,027	2,122
California.....	1,316	664	1,814	8,307	3,466	7,632	790,635	278,159	867,300	1,165,411	810,680	1,994,700

<sup>1</sup> Does not include sweetpotatoes and yams grown in farm gardens in 1919.

<sup>2</sup> Less than 1 acre.

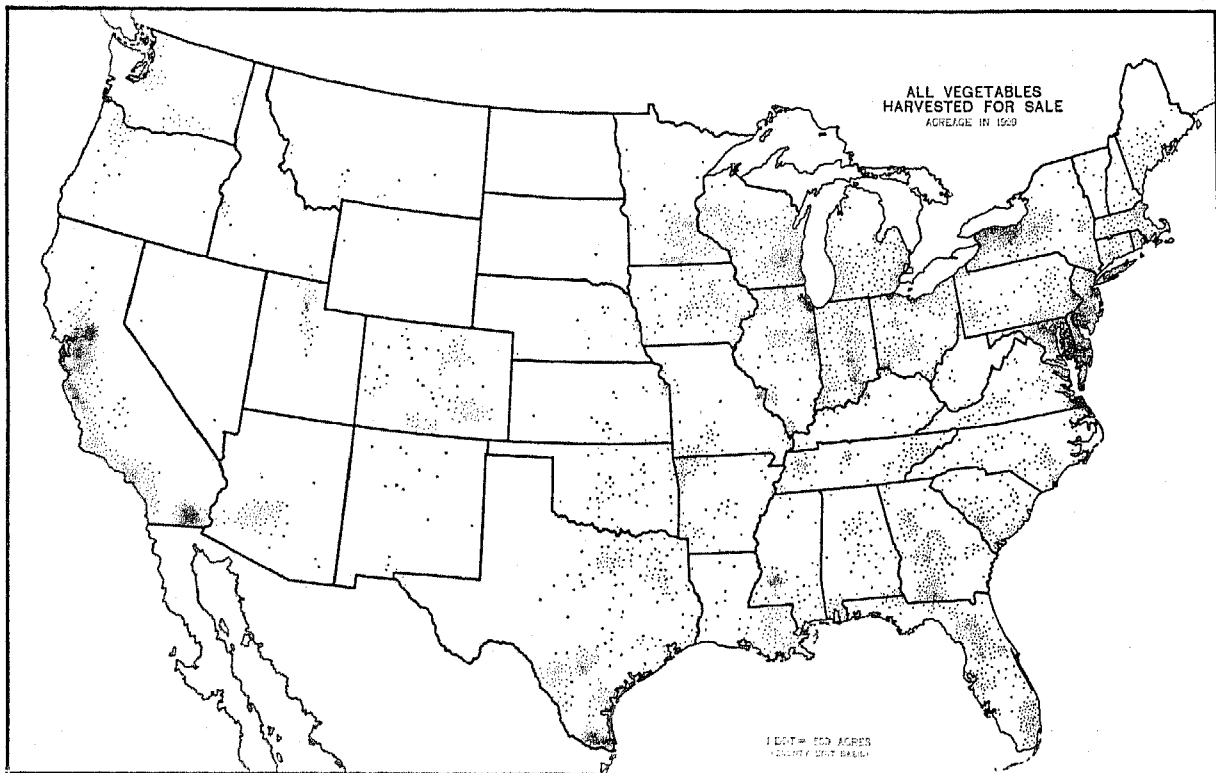
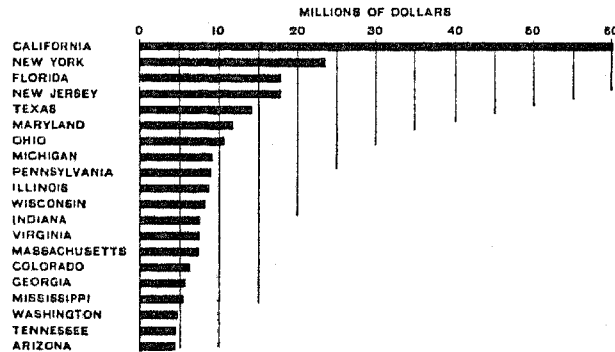
AGRICULTURE

Vegetables harvested for sale and the value of farm gardens.—The 1930 general farm schedule called for the acreage and value of all vegetables harvested for sale in 1929. This secured a very full return. A very large increase is noted in the number of farms reporting, and the acreage has practically doubled since 1919. This is important inasmuch as it reflects a change in the diet of the average family, and also the improvement in roads and transportation which make it profitable for more farms to grow vegetables. They offer one of the chief opportunities for suburban and part-time farmers, and this fact is partly responsible for the increase in vegetables.

The tables contain reports for each vegetable for which individual reports were received. The questions for vegetables on the general farm schedules for 1930 and 1920 differed in some respects, as for example in 1930, pop corn was classed as a field crop and mushrooms were included with greenhouse products. The value and acreage of pop corn and the value of mushrooms have been subtracted from the 1919 figures in order to present comparative data.

The value of the products of farm gardens grown in 1929 does not include the value of potatoes and sweet-potatoes, as was the case in 1919. No acreage report was obtained for farm gardens.

VALUE OF VEGETABLES HARVESTED FOR SALE, 20 LEADING STATES, 1929



# INDIVIDUAL CROPS

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TABLE 55.—VEGETABLES HARVESTED FOR SALE—FARMS REPORTING, ACREAGE, VALUE, AND AVERAGE VALUE PER ACRE; AND FARM GARDENS—FARMS REPORTING, VALUE, AND AVERAGE VALUE PER FARM REPORTING; BY DIVISIONS AND STATES: 1929 AND 1919

[This table does not include vegetables grown under glass]

DIVISION AND STATE	VEGETABLES HARVESTED FOR SALE <sup>1</sup>								FARM GARDENS <sup>2</sup>					
	Farms reporting		Acreage		Value		Average value per acre		Farms reporting		Value		Average value per farm reporting	
	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919	1929	1919
United States.....	627,462	488,254	2,811,715	1,424,273	\$295,963,373	\$189,770,549	\$105	\$133	1,360,652	5,090,293	\$226,046,413	\$344,665,728	\$52	\$68
<b>GEOGRAPHIC DIVISIONS:</b>														
New England.....	26,639	20,068	79,809	54,482	13,578,874	12,757,966	170	234	91,593	133,676	6,197,499	12,602,649	68	95
Middle Atlantic.....	79,633	80,836	398,802	280,884	50,542,481	43,613,065	130	153	259,198	370,222	14,823,145	32,117,666	57	87
East North Central.....	119,400	96,557	551,818	291,367	44,862,320	33,057,732	81	113	728,653	943,111	31,915,313	58,176,963	44	62
West North Central.....	47,458	53,081	188,167	103,621	12,949,029	10,661,556	69	97	788,096	882,761	32,949,411	55,262,394	42	63
South Atlantic.....	146,420	98,732	617,411	337,354	55,062,877	37,734,256	89	112	811,565	949,311	48,355,474	69,286,220	60	78
East South Central.....	77,874	48,632	142,553	63,708	14,461,488	8,404,213	101	132	800,626	851,280	46,676,465	53,942,162	58	63
West South Central.....	79,683	49,161	297,485	91,451	20,735,627	10,286,767	70	112	673,181	720,876	32,733,194	45,921,594	49	64
Mountain.....	23,223	15,959	148,819	40,222	15,900,494	6,777,971	107	169	102,881	119,224	6,951,432	8,256,347	58	69
Pacific.....	26,822	19,228	397,351	161,184	67,990,183	27,677,053	171	172	105,486	120,438	6,444,480	9,696,703	61	76
<b>NEW ENGLAND:</b>														
Maine.....	0,865	0,284	22,432	14,067	2,280,834	2,160,534	102	154	28,915	40,981	1,840,568	3,180,673	64	78
New Hampshire.....	2,686	2,258	4,628	2,582	612,944	424,027	132	164	10,867	17,799	757,060	1,848,651	70	104
Vermont.....	1,030	1,555	3,510	1,865	361,715	254,228	104	136	20,972	25,226	981,974	2,116,561	47	84
Massachusetts.....	8,220	8,327	33,837	24,703	7,427,509	7,610,906	223	308	16,452	26,450	1,361,658	3,105,592	83	117
Rhode Island.....	970	916	3,639	2,159	628,245	333,760	173	182	2,676	3,440	193,675	412,104	93	120
Connecticut.....	3,368	3,728	12,263	9,100	2,254,627	1,914,571	184	210	12,311	19,174	1,062,514	1,633,068	86	101
<b>MIDDLE ATLANTIC:</b>														
New York.....	35,280	35,857	181,552	131,648	23,498,869	21,974,772	129	167	107,653	103,272	4,980,682	12,237,223	46	75
New Jersey.....	11,742	12,027	130,449	94,990	17,930,850	12,473,316	136	131	15,600	24,929	1,462,563	2,590,984	94	116
Pennsylvania.....	32,611	32,952	76,801	54,240	9,103,762	8,585,067	119	158	135,915	182,021	8,379,900	16,989,459	62	93
<b>EAST NORTH CENTRAL:</b>														
Ohio.....	23,289	20,152	93,790	62,309	10,749,593	9,470,924	115	152	173,710	224,807	9,479,288	15,610,395	55	70
Indiana.....	23,037	16,880	112,380	52,702	7,590,374	5,581,396	68	106	140,752	177,821	6,601,756	9,100,018	47	51
Illinois.....	14,839	14,974	118,537	59,042	8,828,301	6,179,767	74	105	167,778	209,892	7,519,164	12,405,254	45	59
Michigan.....	27,498	24,224	83,242	49,210	9,319,576	6,332,508	112	129	169,765	163,076	3,591,239	9,583,356	33	59
Wisconsin.....	30,737	21,327	143,809	68,104	8,314,476	5,443,134	58	81	136,738	166,915	4,723,866	11,441,970	35	69
<b>WEST NORTH CENTRAL:</b>														
Minnesota.....	10,873	9,683	66,355	14,437	3,996,947	2,201,914	60	163	127,881	145,559	4,168,848	9,305,128	23	64
Iowa.....	9,440	12,025	52,915	40,705	3,236,242	2,799,633	61	69	170,258	184,293	8,496,132	11,967,063	50	65
Missouri.....	14,721	14,268	37,504	23,448	3,078,548	2,945,430	82	104	211,159	233,114	10,429,049	15,364,668	49	66
North Dakota.....	630	1,976	662	960	67,416	116,152	102	121	35,752	51,914	942,432	3,465,623	26	67
South Dakota.....	1,251	2,189	2,541	880	244,905	130,681	96	147	49,713	50,607	1,713,002	3,323,437	34	66
Nebraska.....	3,566	5,014	11,954	7,009	836,841	534,241	70	76	88,246	93,599	3,471,714	5,444,561	39	58
Kansas.....	6,977	7,926	16,230	11,173	1,488,130	1,333,205	92	119	105,687	123,675	3,738,234	6,401,914	36	52
<b>SOUTH ATLANTIC:</b>														
Delaware.....	6,391	6,944	33,002	33,360	2,580,645	1,903,017	78	57	8,264	9,159	328,694	753,567	64	86
Maryland.....	18,776	19,183	164,196	119,922	11,796,789	9,154,530	77	76	35,678	42,355	2,302,581	3,910,672	65	92
District of Columbia.....	64	126	641	712	118,833	124,946	185	175	66	132	16,395	37,984	248	288
Virginia.....	24,839	20,392	75,205	47,306	7,576,948	5,921,278	101	125	144,574	170,194	10,483,103	12,928,967	73	76
West Virginia.....	10,848	8,878	10,212	8,377	1,085,404	1,056,169	106	126	70,518	80,805	7,417,637	8,699,957	105	108
North Carolina.....	26,024	14,164	43,001	14,708	3,952,401	1,718,054	90	117	216,690	225,566	11,699,887	15,848,541	55	70
South Carolina.....	16,688	8,001	51,326	15,975	4,255,178	1,932,559	83	121	126,058	142,511	5,445,316	9,832,031	43	69
Georgia.....	26,432	11,747	109,921	36,746	5,853,016	2,228,475	51	61	181,042	244,518	8,315,341	14,749,394	48	60
Florida.....	16,358	9,297	138,947	60,250	17,983,613	13,695,225	129	227	28,615	34,071	1,948,529	2,485,147	68	73
<b>EAST SOUTH CENTRAL:</b>														
Kentucky.....	14,648	13,096	21,971	16,113	2,007,264	1,950,639	91	121	189,359	231,748	13,262,615	13,789,346	70	60
Tennessee.....	26,000	17,154	45,397	20,834	4,506,557	2,100,663	99	101	190,098	218,197	10,758,678	14,058,428	57	64
Alabama.....	18,587	9,972	36,782	12,749	2,540,329	1,311,498	69	103	204,669	267,228	10,162,687	13,289,201	50	64
Mississippi.....	18,639	8,410	38,403	14,012	5,407,338	3,012,613	141	217	215,960	194,107	12,472,485	12,605,187	58	66
<b>WEST SOUTH CENTRAL:</b>														
Arkansas.....	16,789	10,820	40,619	18,969	2,341,978	1,142,605	58	60	166,880	183,935	7,899,781	11,898,176	47	65
Louisiana.....	14,553	4,637	40,541	11,662	2,710,626	1,421,593	67	122	103,328	93,419	5,798,412	6,952,241	56	74
Oklahoma.....	11,839	9,472	24,835	11,815	1,557,872	913,620	63	77	130,750	145,132	6,079,957	9,050,319	47	62
Texas.....	36,502	24,226	191,490	49,005	14,125,151	6,808,889	74	139	272,226	298,390	12,955,044	18,023,859	48	60
<b>MOUNTAIN:</b>														
Montana.....	1,484	1,467	6,866	1,264	639,651	302,431	94	239	21,573	22,719	1,206,499	1,789,876	56	78
Idaho.....	2,377	1,787	6,770	1,853	834,228	384,570	123	208	23,001	24,774	1,343,601	1,730,159	58	70
Wyoming.....	582	562	1,903	582	144,175	91,940	76	168	8,524	7,330	634,767	635,033	74	87
Colorado.....	7,513	4,919	61,171	17,711	6,209,935	3,237,444	102	182	24,656	32,236	1,217,279	1,905,063	49	61
New Mexico.....	3,596	2,878	8,458	3,932	978,264	563,898	116	143	9,634	12,350	621,072	681,959	64	55
Arizona.....	1,631	1,040	39,171	6,090	4,370,438	956,021	112	158	2,399	3,145	216,605	311,420	90	99
Utah.....	5,701	3,135	22,480	8,302	2,487,159	1,163,338	111	140	11,679	14,997	564,166	956,520	48	64
Nevada.....		339	1,655	518	236,644	88,329	152	171	1,415	1,673	147,443	195,317	104	117
<b>PACIFIC:</b>														
Washington.....	7,435	4,906	23,856	9,179	4,761,967	2,256,381	200	246	41,596	47,661	2,473,791	3,730,509	59	78
Oregon.....	5,842	3,385	18,204	6,171	2,955,557	1,338,661	162	217	37,113	35,651	2,437,648	2,980,909	66	84
California.....	13,845	10,937	355,231	146,834	60,272,659	24,082,008	170	165	26,777	37,123	1,633,041	2,370,285	57	64

<sup>1</sup> Does not include potatoes (Irish or white) or sweetpotatoes and yams.

<sup>2</sup> The 1929 figures exclude potatoes (Irish or white) and sweetpotatoes and yams grown in farm gardens, while, in 1919, they were included.

## AGRICULTURE

TABLE 56.—VEGETABLES HARVESTED FOR SALE—FARMS REPORTING, ACREAGE, AND VALUE OF SPECIFIED VEGETABLES FOR THE UNITED STATES: 1929, 1919, AND 1909

[This table does not include vegetables grown under glass]

ITEM	1929			1919			1909 <sup>1</sup>		
	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value
Total.....	627,452	2,811,715	\$266,963,373	488,254	1,424,273	\$189,770,549			
Artichokes.....	238	6,815	953,874				5,300	25,639	\$2,246,681
Asparagus.....	27,252	99,230	14,919,407	6,728	30,219	5,102,135			
Beans (snap or string).....	176,396	221,127	20,903,908	84,263	71,970	8,031,449	21,561	53,610	2,844,951
Beans, Lima (green).....	11,831	24,975	2,289,511						
Beets.....	7,807	11,156	1,305,691	7,197	5,255	1,016,507	1,684	3,202	352,096
Broccoli.....	447	1,042	236,727						
Brussels sprouts.....	450	1,818	390,444	313	984	232,370	188	390	45,576
Cabbages.....	136,454	178,657	20,938,790	124,972	123,994	21,848,112	42,843	125,998	9,719,641
Cantaloupes and muskmelons.....	50,067	128,677	17,508,473	41,093	78,436	10,766,591	16,278	52,410	3,604,636
Carrots.....	12,408	21,512	3,595,946	8,968	6,522	1,563,010	2,008	3,764	473,499
Cauliflower.....	4,155	20,205	3,952,012	2,403	6,513	1,328,415	1,060	3,466	602,885
Celery.....	11,265	36,293	17,707,091	11,449	20,148	9,462,277	4,005	15,863	3,922,848
Collards.....	477	446	68,132						
Corn, sweet.....	155,749	463,053	21,028,856	163,784	271,584	17,297,661	48,514	178,224	5,930,419
Cucumbers.....	98,534	88,151	10,047,207	72,066	51,643	8,579,102	16,714	32,310	2,710,340
Eggplant.....	1,580	2,631	469,544	1,500	1,712	491,321	459	894	154,643
Escarole.....	63	114	35,550						
Horseradish.....	647	2,485	400,381	502	922	205,767	480	1,475	233,585
Kale.....	581	2,197	327,282	474	1,193	241,415	337	1,495	146,010
Lettuce.....	29,037	113,771	20,003,759	20,463	21,340	8,535,092	2,178	5,489	1,595,085
Okra (gumbo).....	2,949	3,881	307,422	1,071	986	117,175	148	347	24,969
Onions (dry).....	70,774	99,703	17,085,627	76,009	64,338	21,387,221	14,989	47,025	6,709,047
Onions (green).....	3,554	5,009	711,841	459	340	113,670	180	184	44,788
Parsley.....	298	5,895	141,753	438	393	107,303	112	192	27,181
Parsnips.....	695	782	204,525	1,575	845	244,435	436	722	102,674
Peas (green).....	95,351	274,294	15,297,967	49,632	103,686	7,164,688	17,219	70,487	2,785,602
Peppers (including pimentos).....	14,907	30,416	4,504,248	7,605	15,290	3,079,285	1,641	3,483	408,741
Pumpkins.....	1,092	4,165	174,121	1,674	3,056	137,626	361	1,163	29,993
Radishes.....	1,784	3,303	534,150	1,987	2,014	437,286	896	2,269	263,062
Rhubarb.....	2,071	3,857	853,327	2,283	2,394	673,113	1,021	2,364	338,831
Spinach.....	21,823	58,110	7,362,834	2,343	10,027	1,715,869	1,152	6,668	817,069
Squashes.....	5,151	9,861	1,016,671	5,402	5,370	685,245	1,002	2,380	207,391
Tomatoes.....	234,328	454,696	53,247,599	170,693	316,399	38,675,496	64,751	207,379	18,707,929
Turnips.....	6,564	8,339	859,139	5,058	4,056	543,071	11,732	22,324	1,169,499
Watermelons.....	109,123	290,879	14,190,256	73,083	159,088	10,469,133	35,345	137,005	4,463,161
Mixed vegetables.....	43,422	99,084	17,388,400	16,389	36,339	8,184,177			
Other vegetables <sup>2</sup> .....	12,371	19,826	3,110,948	3,545	7,211	1,367,332	353	631	20,970

<sup>1</sup> In 1909, vegetables were not classified as raised for sale or for home use. Instead, there was made, for each of the important vegetables, a special tabulation of all reports showing 1 acre or more. These figures do not include all vegetables raised for sale, since the aggregate area of market vegetables produced in tracts containing less than 1 acre of any one vegetable must have been considerable.

<sup>2</sup> Does not include potatoes (Irish or white) or sweetpotatoes and yams.



# INDIVIDUAL CROPS

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TABLE 57.—VEGETABLES HARVESTED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES, 1929

[This table does not include vegetables grown under glass]

DIVISION AND STATE	ARTICHOKEs			ASPARAGUS			BEANS (SNAP OR STRING)			BEANS, LIMA (GREEN)		
	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value
United States.....	238	6,815	\$953,874	27,252	99,230	\$14,919,407	176,396	221,127	\$20,903,608	11,831	24,975	\$2,269,511
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....				2,495	2,932	720,856	8,701	5,261	771,602	155	153	24,902
Middle Atlantic.....	1	1	100	7,785	13,560	2,667,764	20,294	32,505	3,038,557	2,412	4,839	452,953
East North Central.....				6,039	7,716	1,228,227	27,999	23,728	2,162,672	2,008	2,597	188,440
West North Central.....	2	3	200	2,723	2,193	344,575	8,778	6,180	455,906	270	558	42,572
South Atlantic.....				3,585	14,636	1,424,431	49,713	81,087	7,931,670	4,688	13,730	1,197,856
East South Central.....				490	336	41,974	30,128	22,395	1,839,696	1,529	1,033	93,927
West South Central.....	1	1	50	481	687	63,343	21,190	28,360	1,773,217	469	323	28,623
Mountain.....	2	4	400	1,234	1,349	200,916	3,885	6,819	774,654	92	163	11,024
Pacific.....	232	6,860	953,034	2,420	55,821	8,227,321	5,708	14,852	2,127,734	208	1,579	249,204
<b>NEW ENGLAND:</b>												
Maine.....				70	34	7,505	3,538	1,579	200,980			
New Hampshire.....				204	77	18,135	874	331	38,287			
Vermont.....				125	64	16,462	456	265	23,919			
Massachusetts.....				1,448	2,089	508,314	2,555	1,825	319,277	11	14	1,806
Rhode Island.....				126	173	43,443	395	440	68,540	57	63	10,270
Connecticut.....				516	495	126,997	883	821	120,599	87	76	12,826
<b>MIDDLE ATLANTIC:</b>												
New York.....				2,057	2,082	420,618	6,656	15,591	1,462,132	382	772	99,348
New Jersey.....				2,565	8,660	1,691,678	3,823	11,522	1,128,281	1,123	3,659	297,940
Pennsylvania.....	1	1	100	3,163	2,818	555,468	9,815	5,392	508,144	907	408	55,665
<b>EAST NORTH CENTRAL:</b>												
Ohio.....				1,505	1,069	244,193	6,559	4,150	532,160	1,059	780	102,157
Indiana.....				448	328	58,778	4,785	4,739	348,401	190	173	15,263
Illinois.....				2,270	4,664	676,928	3,740	2,976	363,667	212	99	17,823
Michigan.....				1,401	1,467	211,467	6,568	6,898	448,788	536	1,443	47,755
Wisconsin.....				415	188	36,841	6,347	4,935	469,656	11	102	5,442
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....				500	588	92,534	1,287	956	70,156	14	410	15,862
Iowa.....				746	649	79,321	1,422	756	86,214	20	12	1,138
Missouri.....	2	3	290	561	271	58,236	4,322	2,887	242,631	207	120	23,437
North Dakota.....				7	5	555	95	103	4,427			
South Dakota.....				33	18	1,818	206	208	5,966	1	1	50
Nebraska.....				281	223	40,536	363	717	25,134	7	6	810
Kansas.....				595	441	71,575	1,083	553	51,438	21	9	1,275
<b>SOUTH ATLANTIC:</b>												
Delaware.....				769	1,032	164,556	746	1,856	99,514	667	4,452	251,088
Maryland.....				979	1,844	295,134	4,199	13,588	1,366,903	716	2,259	173,767
District of Columbia.....				7	5	730	40	62	6,732			
Virginia.....				371	317	41,657	7,235	8,247	777,346	1,059	3,998	427,902
West Virginia.....				109	58	7,836	6,238	2,676	255,086	133	34	4,958
North Carolina.....				108	71	9,820	10,795	9,796	787,917	642	613	84,975
South Carolina.....				875	7,130	701,791	6,345	8,106	627,931	802	660	75,756
Georgia.....				329	4,139	197,746	7,666	6,772	526,820	715	1,182	88,840
Florida.....				38	40	5,161	6,509	29,984	3,482,812	254	626	90,516
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....				248	125	21,750	7,695	4,363	304,387	243	110	16,826
Tennessee.....				148	149	13,554	9,670	8,114	650,389	352	409	35,676
Alabama.....				66	38	3,905	5,801	3,269	277,940	526	361	26,040
Mississippi.....				28	24	2,765	6,962	6,709	516,380	408	153	15,885
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....				92	110	8,411	4,891	5,807	303,064	99	51	5,522
Louisiana.....				16	16	1,096	8,009	12,517	801,685	231	192	17,844
Oklahoma.....				214	170	17,091	2,078	1,441	78,749	20	18	809
Texas.....	1	1	50	159	391	36,745	6,212	8,535	589,719	119	62	4,458
<b>MOUNTAIN:</b>												
Montana.....				100	45	7,857	281	272	22,516	2	1	170
Idaho.....				137	64	16,720	376	257	17,979			
Wyoming.....				18	5	1,137	108	51	4,417			
Colorado.....				695	441	70,463	1,370	3,852	518,416	11	14	2,156
New Mexico.....				68	50	9,143	459	631	36,093	2	4	400
Arizona.....				69	351	39,370	259	277	21,481			
Utah.....				214	220	37,692	997	1,463	161,570	77	144	8,298
Nevada.....				43	173	19,134	35	16	1,582			
<b>PACIFIC:</b>												
Washington.....	2	2	200	1,333	1,939	344,955	1,802	1,049	183,054	6	5	782
Oregon.....	9	21	3,396	359	567	96,856	1,262	1,166	242,276	10	7	842
California.....	221	6,783	949,438	728	53,315	7,785,510	2,644	12,640	1,702,404	192	1,567	247,580



TABLE 57.—VEGETABLES HARVESTED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES, 1929—Continued

DIVISION AND STATE	BEETS			BROCCOLI			BRUSSELS SPROUTS			CABBAGES		
	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value
United States.....	7,807	11,156	\$1,365,591	447	1,642	\$236,727	450	1,818	\$390,444	136,464	178,657	\$20,938,790
GEOGRAPHIC DIVISIONS:												
New England.....	809	347	82,326	20	22	7,385	34	82	20,050	6,678	4,777	910,351
Middle Atlantic.....	1,804	2,703	455,405	207	513	72,458	310	911	216,720	32,122	46,882	5,031,803
East North Central.....	1,933	2,103	226,512	10	14	2,266	5	3	540	24,707	37,713	4,102,895
West North Central.....	301	184	22,085							10,100	9,578	1,067,625
South Atlantic.....	752	654	121,861	61	157	22,795	2	2	350	28,462	28,034	3,734,506
East South Central.....	405	298	36,141							14,877	12,074	1,160,227
West South Central.....	700	2,154	120,199	19	217	25,670				10,348	24,485	1,645,053
Mountain.....	392	668	67,026	7	67	14,645	1	2	1,000	4,551	6,332	908,427
Pacific.....	711	2,045	234,036	123	652	91,508	98	818	151,784	4,609	8,782	1,387,813
NEW ENGLAND:												
Maine.....	166	39	7,994							1,291	564	128,767
New Hampshire.....	101	26	5,916							653	327	55,670
Vermont.....	53	11	1,768							432	182	33,692
Massachusetts.....	307	198	50,417	4	4	1,950				2,744	2,470	483,400
Rhode Island.....	34	8	1,746							200	241	37,461
Connecticut.....	118	65	14,435	16	18	5,435	34	82	20,050	1,268	993	171,671
MIDDLE ATLANTIC:												
New York.....	809	1,403	225,979	42	65	16,162	308	904	216,520	14,311	34,300	4,200,366
New Jersey.....	430	1,008	161,654	163	446	56,112	2	7	200	2,910	4,340	562,351
Pennsylvania.....	565	292	67,772	2	2	184				14,901	8,242	1,160,086
EAST NORTH CENTRAL:												
Ohio.....	317	183	37,051	3	4	674	1	1	130	6,770	6,866	942,423
Indiana.....	156	162	15,908							3,126	2,972	270,440
Illinois.....	277	231	39,057	5	9	1,417				3,473	4,491	585,788
Michigan.....	505	485	55,117	2	1	175	4	2	410	4,929	6,242	633,970
Wisconsin.....	678	1,042	79,379							6,409	17,142	1,670,274
WEST NORTH CENTRAL:												
Minnesota.....	110	77	8,304							2,004	4,035	485,761
Iowa.....	36	21	3,928							1,798	2,156	251,011
Missouri.....	71	42	5,627							2,795	1,241	154,634
North Dakota.....	3	4	250							202	88	10,711
South Dakota.....	3	1	104							317	191	24,752
Nebraska.....	32	20	2,097							888	571	65,498
Kansas.....	46	19	1,775							1,190	690	75,358
SOUTH ATLANTIC:												
Delaware.....	12	8	597	2	5	420				268	144	16,331
Maryland.....	100	105	14,166	16	28	2,004	1	1	250	2,047	2,694	327,505
District of Columbia.....	15	13	2,119							38	36	5,421
Virginia.....	145	241	46,735	8	50	10,762				6,601	9,164	1,284,617
West Virginia.....	121	30	3,313				1	1	100	3,862	840	126,979
North Carolina.....	122	126	29,853	21	35	3,165				7,014	3,467	400,933
South Carolina.....	99	40	5,335	4	25	4,542				2,613	3,750	516,677
Georgia.....	39	25	3,056							3,622	2,446	230,392
Florida.....	90	66	16,687	10	14	1,902				2,397	5,593	825,741
EAST SOUTH CENTRAL:												
Kentucky.....	122	43	5,367							3,745	1,061	120,361
Tennessee.....	38	55	6,464							5,181	4,184	311,360
Alabama.....	51	18	2,480							2,728	2,789	294,917
Mississippi.....	194	182	21,830							3,223	4,040	433,689
WEST SOUTH CENTRAL:												
Arkansas.....	26	10	637							1,909	596	54,727
Louisiana.....	139	179	7,705	2	11	1,650				1,650	3,193	167,872
Oklahoma.....	89	22	1,741							1,728	541	46,320
Texas.....	446	1,943	110,116	17	206	24,020				5,061	20,155	1,376,134
MOUNTAIN:												
Montana.....	50	108	11,417							575	360	62,191
Idaho.....	38	86	6,629							616	301	60,372
Wyoming.....	12	6	957							163	78	16,480
Colorado.....	191	349	33,951	6	52	13,145	1	2	1,000	1,550	3,614	608,784
New Mexico.....	13	12	1,109							783	857	94,539
Arizona.....	24	15	1,803	1	15	1,500				233	322	48,403
Utah.....	63	91	11,085							559	762	111,044
Nevada.....	1	1	75							72	38	6,014
PACIFIC:												
Washington.....	192	198	34,684	3	3	364	1	1	105	1,708	2,017	260,396
Oregon.....	221	461	47,040	88	421	41,893	14	26	4,400	1,313	1,695	149,395
California.....	298	1,386	152,312	32	228	49,251	83	791	147,279	1,588	5,070	978,022

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TABLE 57.—VEGETABLES HARVESTED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES, 1929—Continued

DIVISION AND STATE	CANTALOUPE AND MUSKMELONS			CARROTS			CAULIFLOWER			CELERY		
	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value
United States.....	50,667	128,677	\$17,608,473	12,408	21,512	\$3,595,946	4,155	20,205	\$3,952,012	11,265	36,268	\$17,707,001
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	726	387	97,045	1,079	583	161,072	339	420	122,968	932	1,216	609,443
Middle Atlantic.....	4,065	4,287	617,715	3,019	3,481	890,871	1,396	3,474	1,014,898	4,189	8,045	3,251,333
East North Central.....	8,804	14,800	1,551,513	2,732	2,240	437,531	628	852	145,894	2,788	8,874	3,284,591
West North Central.....	4,630	6,432	630,904	1,072	610	93,841	91	160	20,475	319	412	166,120
South Atlantic.....	12,191	16,680	1,656,336	352	479	81,433	44	80	13,034	972	5,713	3,488,255
East South Central.....	4,408	3,129	254,230	446	639	72,443	14	12	3,230	53	4	4,755
West South Central.....	9,805	10,683	775,534	771	3,620	263,912	21	42	4,015	97	75	26,021
Mountain.....	3,295	23,891	2,260,491	1,040	1,061	185,606	661	3,716	535,664	928	1,806	878,661
Pacific.....	3,243	48,438	9,664,705	1,897	8,793	1,469,237	961	11,509	2,691,844	912	10,069	6,300,876
<b>NEW ENGLAND:</b>												
Maine.....	132	29	5,411	224	68	13,253	27	28	6,189	71	42	15,769
New Hampshire.....	108	24	4,889	121	36	9,712	35	10	3,401	54	24	8,382
Vermont.....	43	20	4,615	60	14	2,622	18	10	1,609	36	14	6,145
Massachusetts.....	229	116	34,314	496	377	112,269	152	151	58,928	544	919	473,131
Rhode Island.....	43	50	10,724	53	27	7,695	28	60	12,682	35	18	9,075
Connecticut.....	171	139	31,092	125	61	15,611	79	131	39,859	192	199	96,941
<b>MIDDLE ATLANTIC:</b>												
New York.....	1,339	1,324	218,522	2,233	2,643	663,156	1,165	3,226	933,339	1,749	5,123	2,030,904
New Jersey.....	1,457	2,220	292,307	388	630	141,412	73	139	54,158	484	1,429	656,830
Pennsylvania.....	1,209	693	106,886	400	398	86,302	158	109	27,391	1,956	1,493	363,599
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	2,126	2,483	307,957	441	438	133,929	80	77	25,475	850	2,353	986,473
Indiana.....	1,833	5,232	460,141	172	107	20,619	10	3	922	127	254	92,610
Illinois.....	1,551	2,190	173,417	375	396	65,273	41	61	11,363	262	171	25,975
Michigan.....	2,468	4,152	480,493	1,266	949	167,936	375	499	70,247	1,376	5,859	2,076,462
Wisconsin.....	826	743	120,505	478	356	49,774	122	212	37,887	233	237	83,071
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	700	1,262	155,063	644	401	66,927	66	80	16,498	148	274	137,020
Iowa.....	857	1,839	154,771	123	50	9,408	2	2	450	60	61	12,409
Missouri.....	1,360	1,173	110,543	83	28	3,579	15	12	2,745	57	33	12,640
North Dakota.....	10	6	973	24	27	1,569				9	2	475
South Dakota.....	117	154	14,114	41	14	1,167				6	9	319
Nebraska.....	435	481	47,906	77	42	5,373	6	4	707	17	14	1,789
Kansas.....	1,151	1,517	146,634	80	48	5,818	1	2	75	22	19	1,474
<b>SOUTH ATLANTIC:</b>												
Delaware.....	1,066	2,102	202,395	4	1	230	4	6	1,642	72	68	19,472
Maryland.....	2,585	6,868	856,947	59	51	7,291	8	7	1,317	103	100	13,509
District of Columbia.....	20	22	2,069	13	14	2,328						
Virginia.....	2,126	1,701	104,939	55	155	24,296	3	10	2,000	90	48	8,635
West Virginia.....	212	189	18,856	9	3	509				66	43	5,801
North Carolina.....	2,310	1,987	134,857	44	89	14,596	2	2	275	55	20	2,499
South Carolina.....	1,839	1,311	84,807	21	36	6,310				12	1	314
Georgia.....	1,628	1,829	149,669	18	13	1,546	1	1	50	21	13	1,149
Florida.....	465	671	40,897	129	117	24,327	26	54	7,750	533	5,420	3,436,546
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	903	626	60,809	25	13	2,875	12	11	2,930	73	25	2,805
Tennessee.....	1,285	1,095	97,376	5	3	599	2	1	300	38	25	1,435
Alabama.....	1,424	997	65,373	12	8	1,298				12	2	300
Mississippi.....	816	411	30,672	404	615	67,880				5	1	215
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	2,253	2,848	224,077	23	11	1,754	2	1	100	21	9	760
Louisiana.....	905	593	44,490	153	454	15,906	3	3	125	31	26	19,235
Oklahoma.....	1,888	1,404	98,172	46	33	4,356				22	17	928
Texas.....	4,259	5,838	408,795	549	3,122	181,866	16	38	3,790	23	23	5,168
<b>MOUNTAIN:</b>												
Montana.....	67	43	5,963	161	73	13,459	29	60	8,869	40	28	14,255
Idaho.....	230	214	30,834	183	177	18,118	9	13	2,052	78	127	66,453
Wyoming.....	38	32	5,847	57	15	2,187	4	1	318	9	7	1,152
Colorado.....	1,136	11,198	803,260	380	467	86,044	529	3,201	455,616	593	1,118	371,854
New Mexico.....	739	1,516	170,472	18	15	2,452	20	25	6,265	63	75	18,638
Arizona.....	463	9,736	1,047,958	80	155	40,495	19	165	15,640	2	1	128
Utah.....	475	399	93,570	174	140	20,293	51	245	46,907	140	446	102,074
Nevada.....	97	553	102,689	7	19	2,698				3	4	1,200
<b>PACIFIC:</b>												
Washington.....	601	1,449	208,516	736	498	111,726	146	384	119,976	196	255	158,021
Oregon.....	411	624	91,810	443	448	50,273	184	979	154,167	127	478	390,316
California.....	2,281	40,365	9,364,379	718	7,847	1,307,238	631	10,146	1,817,701	589	9,336	5,752,539

## AGRICULTURE

TABLE 57.—VEGETABLES HARVESTED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES, 1929—Continued

DIVISION AND STATE	COLLARDS			CORN, SWEET			CUCUMBERS			EGGPLANT		
	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value
United States.....	457	446	\$63,132	155,740	483,053	\$21,929,856	88,594	88,151	\$10,047,267	1,580	2,631	\$460,544
GEOGRAPHIC DIVISIONS:												
New England.....				17,581	35,312	3,108,658	5,115	2,028	380,275	47	56	13,152
Middle Atlantic.....	2	2	722	37,470	86,821	5,471,108	16,304	12,168	1,467,318	368	632	99,501
East North Central.....	6	4	750	33,935	158,122	5,339,581	30,806	25,368	2,173,432	192	107	22,112
West North Central.....				15,532	83,812	2,518,540	7,793	4,001	371,840	63	39	6,731
South Atlantic.....	335	355	52,218	26,428	71,669	2,630,688	18,524	25,891	3,460,938	584	1,397	244,087
East South Central.....	98	67	10,800	7,241	13,291	579,010	6,712	3,934	484,612	46	22	5,564
West South Central.....	16	18	3,642	6,031	10,378	426,515	7,658	6,964	563,153	146	201	21,504
Mountain.....				4,464	7,262	452,092	2,576	3,153	333,179	30	18	3,818
Pacific.....				7,058	16,386	1,402,754	3,046	4,644	806,514	104	159	63,075
NEW ENGLAND:												
Maine.....				7,153	16,443	1,319,975	1,348	218	47,671			
New Hampshire.....				1,712	2,377	187,172	610	110	20,578			
Vermont.....				1,081	2,198	123,251	347	70	14,931			
Massachusetts.....				4,766	8,520	896,401	1,961	1,216	232,331	18	10	2,500
Rhode Island.....				658	1,198	107,220	194	67	14,185	3	5	753
Connecticut.....				2,211	4,576	474,639	655	347	50,579	26	41	9,899
MIDDLE ATLANTIC:												
New York.....				11,861	33,146	2,048,136	6,395	6,453	684,790	50	53	11,236
New Jersey.....	1	1	222	5,114	22,100	1,596,164	1,916	3,283	403,547	270	543	80,517
Pennsylvania.....	1	1	500	20,495	31,575	1,826,808	8,083	2,432	378,981	48	36	7,749
EAST NORTH CENTRAL:												
Ohio.....	3	2	575	11,648	37,562	1,593,484	4,914	3,359	358,957	56	26	6,532
Indiana.....				6,230	31,333	747,482	3,526	3,416	238,452	10	4	1,590
Illinois.....				6,183	64,587	2,013,391	2,934	2,395	349,018	48	37	6,699
Michigan.....	3	2	175	6,296	14,244	698,520	11,157	11,157	739,458	78	40	7,291
Wisconsin.....				3,578	10,396	386,704	8,215	5,041	487,547			
WEST NORTH CENTRAL:												
Minnesota.....				4,360	37,910	1,141,074	2,645	1,568	140,013	18	11	1,985
Iowa.....				4,725	33,969	624,648	1,367	799	78,125			
Missouri.....				2,844	3,266	149,039	1,701	908	73,508	28	19	2,807
North Dakota.....				151	122	6,069	133	33	3,940			
South Dakota.....				290	316	11,074	306	125	12,951			
Nebraska.....				1,208	5,358	164,707	576	211	27,778	7	3	774
Kansas.....				1,954	2,871	121,909	1,065	357	35,531	10	6	1,165
SOUTH ATLANTIC:												
Delaware.....				657	3,429	95,092	936	1,223	126,458	4	7	4,510
Maryland.....	1	1	450	6,515	45,217	1,405,825	2,580	3,490	403,263	68	62	10,134
District of Columbia.....				37	71	5,897	15	7	1,122	0	4	950
Virginia.....	12	73	25,494	4,093	4,751	276,966	2,111	2,110	109,960	13	55	17,748
West Virginia.....				3,714	2,342	165,252	1,681	266	35,288	2	1	293
North Carolina.....	75	58	4,466	5,526	5,498	233,662	3,453	3,499	502,341	20	16	3,225
South Carolina.....	13	7	766	1,603	1,338	62,063	3,339	4,853	490,338	17	26	4,747
Georgia.....	130	163	13,638	2,357	3,432	143,713	1,006	775	69,198	22	23	2,205
Florida.....	104	53	7,404	1,866	5,591	192,218	3,397	9,059	1,578,970	432	1,203	200,275
EAST SOUTH CENTRAL:												
Kentucky.....				1,891	2,540	139,239	2,174	954	70,650	6	5	2,125
Tennessee.....				2,095	4,511	200,388	1,155	240	24,302	3	3	478
Alabama.....	76	48	8,640	2,285	5,499	204,564	2,051	1,836	314,985	16	9	1,909
Mississippi.....	22	19	2,160	970	741	34,819	1,332	904	65,675	21	5	1,053
WEST SOUTH CENTRAL:												
Arkansas.....	2	2	410	1,025	909	42,373	1,364	1,074	124,691	4	1	163
Louisiana.....	6	7	710	1,204	2,492	103,222	2,292	2,236	207,242	64	78	9,341
Oklahoma.....				1,668	1,870	72,110	1,193	814	24,432	9	2	407
Texas.....	8	9	2,522	2,134	5,117	208,810	2,599	3,340	206,768	69	120	11,593
MOUNTAIN:												
Montana.....				518	805	52,454	307	84	13,335			
Idaho.....				775	1,640	92,245	233	41	9,592			
Wyoming.....				173	451	18,890	82	20	2,756			
Colorado.....				1,360	2,418	149,664	1,247	2,682	245,577	18	13	2,330
New Mexico.....				427	412	22,786	176	48	6,283			
Arizona.....				386	728	44,208	137	110	26,080	2	1	325
Utah.....				750	753	65,061	372	157	28,433	10	4	1,163
Nevada.....				76	55	6,694	22	11	1,123			
PACIFIC:												
Washington.....				2,183	2,396	227,145	927	507	114,232	12	8	5,022
Oregon.....				1,677	2,593	177,611	926	967	115,223	7	6	1,710
California.....				3,198	11,487	997,998	1,193	3,170	577,059	85	145	46,343

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TABLE 57.—VEGETABLES HARVESTED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES, 1929—Continued

DIVISION AND STATE	ESCAROLE			HOUSEHOLD			KALE			LETTUCE			OTHER (GUMBO)		
	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value
United States.....	63	114	\$35,550	647	2,495	\$499,381	581	2,167	\$327,252	29,037	113,771	\$20,603,759	2,949	3,881	\$307,422
<b>GEOGRAPHIC DIVISIONS:</b>															
New England.....	3	5	1,788	2	8	3,709	16	14	3,060	2,633	1,421	538,067			
Middle Atlantic.....	27	29	11,125	44	211	58,881	29	63	14,121	6,304	7,685	2,396,499	21	63	5,775
East North Central.....	2	2	650	234	997	150,204	33	19	2,911	4,423	1,968	583,705	5	4	262
West North Central.....				333	1,154	161,361				1,957	766	176,094	6	2	304
South Atlantic.....	29	73	21,837	5	9	1,198	376	1,877	269,015	3,726	3,547	734,779	1,242	1,928	139,020
East South Central.....							39	64	9,017	1,815	353	58,634	853	815	53,117
West South Central.....	2	5	150	1	(1)	20	1	1	50	1,671	718	65,273	781	1,027	97,864
Mountain.....				12	46	10,350				2,782	33,314	3,466,080	11	7	1,205
Pacific.....				16	60	11,667	87	159	29,108	3,726	63,463	12,674,628	27	35	10,155
<b>NEW ENGLAND:</b>															
Maine.....										440	110	51,564			
New Hampshire.....										304	70	19,654			
Vermont.....										162	26	6,076			
Massachusetts.....	2	5	1,750				11	8	1,836	1,165	900	336,561			
Rhode Island.....							1	2	400	138	48	17,107			
Connecticut.....	1	(1)	38	2	8	3,700	4	4	530	424	270	107,165			
<b>MIDDLE ATLANTIC:</b>															
New York.....	12	8	3,905	8	15	3,945	8	19	3,250	2,527	5,254	1,353,536			
New Jersey.....	11	13	5,220	20	127	42,321	15	39	9,546	1,003	1,085	791,617	24	63	5,775
Pennsylvania.....	4	8	2,000	16	69	12,615	6	5	1,325	2,774	747	251,316			
<b>EAST NORTH CENTRAL:</b>															
Ohio.....				16	30	7,380	5	6	875	1,260	751	261,448			
Indiana.....				7	18	3,285	19	7	1,271	733	271	61,674			
Illinois.....	2	2	650	188	908	130,010	6	4	390	658	373	89,560	5	4	262
Michigan.....				18	32	8,140	3	2	375	1,041	431	120,267			
Wisconsin.....				5	9	1,359				531	142	44,510			
<b>WEST NORTH CENTRAL:</b>															
Minnesota.....				2	2	320				441	256	44,060			
Iowa.....				19	224	32,402				367	94	22,219			
Missouri.....				295	788	110,426				711	260	58,572	6	2	304
North Dakota.....										32	5	777			
South Dakota.....										43	10	1,428			
Nebraska.....				3	12	650				60	16	5,578			
Kansas.....				14	128	20,563				303	125	42,260			
<b>SOUTH ATLANTIC:</b>															
Delaware.....							1	4	400	59	24	5,542			
Maryland.....				3	7	940	126	273	36,935	519	434	84,328			
District of Columbia.....							16	16	3,465	38	22	5,746			
Virginia.....				1	1	168	218	1,564	226,050	572	224	40,482	2	2	65
West Virginia.....							5	9	1,015	703	84	19,047	2	1	165
North Carolina.....				1	1	90	9	10	1,050	796	940	224,173	108	55	6,254
South Carolina.....										312	533	103,120	209	142	12,057
Georgia.....							1	1	100	189	71	11,138	341	417	41,979
Florida.....	29	73	21,837							538	1,215	241,203	580	1,311	78,500
<b>EAST SOUTH CENTRAL:</b>															
Kentucky.....							20	43	5,202	1,082	203	40,789	3	1	175
Tennessee.....							5	11	2,560	344	94	11,353	425	329	22,768
Alabama.....							5	10	1,235	253	35	4,092	277	356	20,670
Mississippi.....										136	23	2,368	148	129	9,504
<b>WEST SOUTH CENTRAL:</b>															
Arkansas.....							1	1	50	292	41	5,030	57	19	1,677
Louisiana.....	2	5	150							336	243	16,700	171	445	32,034
Oklahoma.....				1	(1)	20				402	73	10,420	58	17	3,374
Texas.....										641	361	33,123	495	546	60,499
<b>MOUNTAIN:</b>															
Montana.....										238	353	59,456			
Idaho.....				2	3	650				307	353	45,069			
Wyoming.....										85	106	9,223			
Colorado.....				9	42	8,700				1,348	8,043	626,094			
New Mexico.....										227	243	26,521	7	2	235
Arizona.....										396	23,579	2,658,191	4	5	970
Utah.....				1	1	1,000				162	196	37,977			
Nevada.....										19	71	4,519			
<b>PACIFIC:</b>															
Washington.....				1	3	1,500	28	32	2,676	1,030	2,909	1,057,720			
Oregon.....				14	53	8,917	20	22	1,167	543	490	127,120			
California.....				1	4	1,250	39	105	25,265	2,153	60,564	11,489,788	27	35	10,155

† Reported in small fractions.

## AGRICULTURE

TABLE 57.—VEGETABLES HARVESTED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES, 1929—Continued

DIVISION AND STATE	ONIONS (DRY)			ONIONS (GREEN)			PARSLEY			PARSNIPS		
	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value
United States.....	70,774	99,703	\$17,085,627	3,564	5,009	\$711,841	298	585	\$141,753	695	782	\$204,526
GEOGRAPHIC DIVISIONS:												
New England.....	2,103	3,470	1,025,717	21	22	2,100	4	4	2,090	56	55	20,354
Middle Atlantic.....	9,829	10,097	2,563,624	442	267	88,002	112	134	64,740	129	281	73,072
East North Central.....	12,519	26,472	4,792,352	937	713	191,661	60	32	8,919	211	212	45,529
West North Central.....	7,885	7,344	1,416,999	211	113	23,503	3	2	740	57	36	11,028
South Atlantic.....	13,118	3,614	441,304	476	196	27,140	20	27	6,980	18	20	3,144
East South Central.....	8,682	2,100	213,641	266	110	17,639	1	1	175	1	1	87
West South Central.....	8,995	23,715	2,665,781	748	3,083	213,746	28	104	24,520	6	5	904
Mountain.....	4,497	10,323	1,430,465	135	93	23,044	26	10	3,600	99	60	12,056
Pacific.....	3,146	12,568	2,535,744	298	412	125,006	32	181	29,989	118	112	31,151
NEW ENGLAND:												
Maine.....	168	31	9,304									
New Hampshire.....	145	40	10,538	5	2	253				10	4	928
Vermont.....	137	31	9,014	5	2	238				1	1	100
Massachusetts.....	1,257	3,220	661,954				1	1	215	37	46	24,466
Rhode Island.....	112	39	12,393									
Connecticut.....	254	109	22,374	11	18	1,600	3	3	1,875	8	4	890
MIDDLE ATLANTIC:												
New York.....	3,858	7,535	2,001,105	131	81	31,448	48	64	32,420	79	91	35,660
New Jersey.....	1,156	1,560	379,968	147	149	46,443	40	61	28,600	17	51	13,905
Pennsylvania.....	5,285	1,002	182,551	164	37	10,111	15	9	3,820	33	139	24,107
EAST NORTH CENTRAL:												
Ohio.....	2,611	6,602	926,503	308	197	59,531	16	8	2,610	38	31	8,852
Indiana.....	2,819	7,634	1,465,683	144	89	17,199	2	3	300	18	20	3,076
Illinois.....	2,600	4,246	954,512	138	183	45,956	18	11	2,935	73	87	17,019
Michigan.....	2,662	6,229	1,196,869	315	168	51,693	30	10	3,065	79	72	16,236
Wisconsin.....	1,827	1,761	338,785	52	78	17,282				3	2	346
WEST NORTH CENTRAL:												
Minnesota.....	2,080	2,784	557,718	44	29	7,512	1	1	50	15	9	1,441
Iowa.....	1,540	2,991	617,023	27	19	3,857				16	11	1,284
Missouri.....	2,041	488	72,530	105	40	6,544				8	3	754
North Dakota.....	210	90	12,932									
South Dakota.....	276	145	23,975	2	1	97						
Nebraska.....	729	404	67,884	11	7	3,327	2	1	690	9	6	742
Kansas.....	1,009	442	64,937	22	17	2,106				9	7	7,407
SOUTH ATLANTIC:												
Delaware.....	74	22	3,569									
Maryland.....	746	234	33,153	25	11	1,956	6	3	625	7	10	1,560
District of Columbia.....	22	12	1,882	3	2	385	3	2	725	3	4	1,035
Virginia.....	3,709	1,447	185,296	130	75	8,891	5	6	615	2	2	219
West Virginia.....	2,846	436	59,527	78	21	3,418				4	3	280
North Carolina.....	2,852	469	47,856	95	27	3,527	3	4	790			
South Carolina.....	877	274	26,109	25	9	670						
Georgia.....	1,226	375	40,530	64	25	2,877	1	5	2,000			
Florida.....	775	345	43,436	50	26	5,416	8	7	2,225	2	1	100
EAST SOUTH CENTRAL:												
Kentucky.....	4,126	1,111	114,459	148	67	12,482						
Tennessee.....	2,082	576	59,270	75	24	3,551				1	1	87
Alabama.....	1,377	292	27,132	31	17	1,379						
Mississippi.....	497	121	12,780	12	2	227	1	1	175			
WEST SOUTH CENTRAL:												
Arkansas.....	1,451	409	39,611	41	15	1,708						
Louisiana.....	1,350	1,862	90,212	595	2,513	127,690	10	26	688	1	1	200
Oklahoma.....	2,213	747	80,961	35	27	3,230				4	2	305
Texas.....	3,981	20,697	2,454,997	77	528	81,112	18	168	23,832	1	2	399
MOUNTAIN:												
Montana.....	340	170	38,843	27	17	4,983				20	9	2,417
Idaho.....	578	979	180,858	6	4	1,102				6	4	812
Wyoming.....	113	55	8,120	8	3	803				2	2	275
Colorado.....	1,745	7,194	869,374	43	28	9,283	23	8	2,850	55	38	7,366
New Mexico.....	706	426	57,451	5	3	345						
Arizona.....	202	179	26,952	19	16	2,601	2	1	650	6	2	340
Utah.....	756	1,163	228,527	23	15	3,117				10	5	846
Nevada.....	57	151	20,340	4	7	690	1	1	100			
PACIFIC:												
Washington.....	847	1,373	361,387	66	63	28,933	3	2	850	55	20	7,933
Oregon.....	708	1,539	343,761	65	44	9,067				46	53	11,323
California.....	1,591	9,656	1,830,596	137	305	87,006	29	179	29,139	17	30	11,895

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TABLE 57.—VEGETABLES HARVESTED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES, 1929—Continued

DIVISION AND STATE	PEAS (GREEN)			PEPPERS (INCLUDING FRUMENTOS)			PUMPKINS			RADISHES		
	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value
United States.....	95,361	274,294	\$15,297,967	14,007	30,416	\$4,604,248	1,092	4,165	\$174,121	1,784	3,303	\$534,160
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	6,035	3,513	476,338	351	456	84,343	13	10	1,584	32	39	6,297
Middle Atlantic.....	15,802	36,219	2,044,013	2,480	6,039	713,495	234	967	46,687	236	284	121,964
East North Central.....	20,502	120,203	4,793,843	1,457	1,240	198,249	393	1,729	66,742	515	709	204,210
West North Central.....	8,926	11,443	470,516	384	262	40,108	116	465	18,847	123	166	26,289
South Atlantic.....	18,197	29,853	1,832,209	4,451	11,430	2,059,777	80	241	10,507	45	158	19,124
East South Central.....	11,041	9,076	598,086	874	804	82,327	5	58	2,763	67	311	24,180
West South Central.....	9,125	9,591	376,426	2,279	2,872	391,598	16	20	391	569	1,261	70,393
Mountain.....	5,661	23,807	1,340,731	2,007	2,166	360,887	115	240	8,968	110	93	16,556
Pacific.....	4,312	30,589	3,365,205	594	5,147	893,464	120	432	17,632	82	132	35,037
<b>NEW ENGLAND:</b>												
Maine.....	2,550	1,778	181,290	1	1	238	2	1	80	3	4	987
New Hampshire.....	905	253	42,102				2	1	225	2	1	125
Vermont.....	533	131	29,368				3	1	137	2	2	182
Massachusetts.....	1,767	794	139,312	163	224	36,226	2	2	84	14	20	3,590
Rhode Island.....	272	199	26,611	85	111	28,904						
Connecticut.....	608	358	57,625	102	120	18,872	4	6	1,038	11	12	1,613
<b>MIDDLE ATLANTIC:</b>												
New York.....	8,220	29,381	1,371,991	413	390	61,745	53	96	4,593	90	164	72,241
New Jersey.....	2,310	4,301	397,967	1,691	5,491	626,669	158	831	40,742	97	198	53,775
Pennsylvania.....	5,332	2,537	274,655	976	158	25,081	23	40	1,352	49	22	5,948
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	2,522	3,757	226,609	619	501	85,282	32	297	19,553	113	197	81,790
Indiana.....	1,496	3,426	149,680	123	123	16,159	212	544	22,262	79	48	8,231
Illinois.....	1,418	8,176	481,118	327	389	41,761	98	473	20,921	86	90	21,806
Michigan.....	3,038	8,562	259,764	875	282	59,756	42	58	3,172	197	255	63,026
Wisconsin.....	12,098	96,282	3,676,672	43	45	4,291	9	17	594	35	179	29,357
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	1,617	10,389	370,297	47	40	7,578	19	42	913	39	53	12,078
Iowa.....	763	640	54,017	20	18	3,637	61	358	14,209	38	46	7,902
Missouri.....	885	191	20,830	219	150	22,075	8	2	214	26	15	1,338
North Dakota.....	64	20	1,739	1	1	60	1	1	180	3	20	605
South Dakota.....	63	18	1,657							2	1	79
Nebraska.....	145	56	8,066	28	13	2,033	24	60	3,031	5	3	598
Kansas.....	389	129	13,850	66	40	4,725	3	5	300	15	18	3,089
<b>SOUTH ATLANTIC:</b>												
Delaware.....	518	2,005	124,724	50	50	6,520	28	115	3,467			
Maryland.....	2,782	11,694	678,542	362	473	47,857	39	107	5,595	8	10	1,800
District of Columbia.....	34	37	7,872	5	3	405				3	3	1,250
Virginia.....	3,058	3,201	257,756	122	173	33,060	3	3	205	15	76	10,130
West Virginia.....	765	120	16,633	67	12	1,428				1	1	100
North Carolina.....	3,451	3,848	298,989	734	695	155,648	3	1	95	5	1	250
South Carolina.....	2,454	3,507	211,098	69	121	15,265				10	66	5,398
Georgia.....	3,071	2,922	109,719	1,225	4,646	347,789	2	12	450			
Florida.....	2,074	2,459	128,876	1,817	5,223	1,491,805	5	3	695	3	1	196
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	1,710	715	69,429	69	29	3,990				6	15	3,950
Tennessee.....	1,784	1,637	98,797	271	174	24,842	3	63	2,358	5	6	330
Alabama.....	3,643	2,099	128,882	67	31	5,059	2	5	405	39	240	12,971
Mississippi.....	3,904	3,725	301,578	467	570	48,436				17	50	6,929
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	1,632	1,153	54,060	58	37	2,659	1	2	50	462	909	58,141
Louisiana.....	1,406	1,161	56,441	1,650	2,346	321,572	4	5	96	28	36	2,493
Oklahoma.....	1,014	463	23,309	103	29	5,443	5	5	110	42	41	2,304
Texas.....	5,073	6,814	242,616	468	460	61,924	6	8	135	37	281	7,547
<b>MOUNTAIN:</b>												
Montana.....	330	3,505	173,516	10	4	1,505	2	5	485	14	10	3,706
Idaho.....	475	1,117	70,486	7	1	390				6	2	525
Wyoming.....	114	788	34,831	2	2	300	4	4	186			
Colorado.....	1,712	9,080	442,887	143	95	17,359	46	163	5,028	43	20	5,527
New Mexico.....	240	140	11,202	1,742	1,965	264,028	23	9	767			
Arizona.....	102	256	12,285	83	91	15,638	29	34	1,263	1	2	200
Utah.....	2,674	8,009	593,779	20	8	1,637	11	25	1,239	26	17	2,430
Nevada.....	14	12	1,745							20	42	4,168
<b>PACIFIC:</b>												
Washington.....	1,496	2,903	458,710	68	57	9,239	16	16	1,542	32	33	11,254
Oregon.....	1,027	903	123,885	35	32	8,648	25	48	1,767	22	24	4,873
California.....	1,789	26,783	2,782,610	491	5,658	875,577	79	368	14,323	28	75	18,910

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TABLE 57.—VEGETABLES HARVESTED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES, 1929—Continued

DIVISION AND STATE	RHUBARB			SPINACH			SQUASHES			TOMATOES		
	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value
United States.....	2,071	3,857	\$853,327	21,823	58,110	\$7,392,834	5,151	9,861	\$1,016,671	234,328	454,696	\$53,247,569
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	45	113	33,358	1,594	2,120	532,932	973	1,439	265,571	7,343	4,546	1,202,143
Middle Atlantic.....	250	546	105,351	4,291	7,669	1,698,806	696	1,050	101,107	31,837	69,769	9,491,332
East North Central.....	518	873	233,000	4,069	4,037	670,064	648	1,429	105,035	38,799	74,472	7,420,605
West North Central.....	335	277	37,785	1,720	1,615	168,455	152	573	27,255	19,737	25,484	2,326,774
South Atlantic.....	66	48	14,005	3,157	12,026	1,673,193	749	1,334	116,697	56,803	135,580	13,326,581
East South Central.....	39	46	10,355	1,362	1,034	104,960	107	63	7,210	34,665	38,300	6,409,409
West South Central.....	77	100	12,961	2,290	16,823	1,147,835	284	367	25,467	30,959	52,183	5,520,563
Mountain.....	83	32	5,458	921	900	116,153	337	336	28,090	6,402	10,483	1,404,408
Pacific.....	658	1,822	401,114	2,119	11,877	1,280,436	1,205	3,270	340,239	7,753	43,870	6,146,064
<b>NEW ENGLAND:</b>												
Maine.....				235	85	20,647	234	325	58,302	1,079	241	64,529
New Hampshire.....				174	64	14,571	109	84	10,459	731	228	56,794
Vermont.....	2	1	150	74	20	2,978	85	41	4,506	387	99	24,591
Massachusetts.....	36	107	32,119	935	1,398	366,473	494	921	179,486	3,172	2,324	657,777
Rhode Island.....	2	2	204	115	95	19,661	9	43	7,563	442	311	71,658
Connecticut.....	5	3	885	361	456	108,602	42	25	5,105	1,532	1,343	328,794
<b>MIDDLE ATLANTIC:</b>												
New York.....	72	72	23,303	1,639	2,747	620,278	488	569	57,880	9,774	18,031	2,349,246
New Jersey.....	119	290	43,012	1,069	3,355	685,027	148	446	38,885	7,965	41,800	5,802,896
Pennsylvania.....	59	184	39,036	1,583	1,567	393,501	60	35	4,342	14,098	9,878	1,339,191
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	65	34	6,289	1,218	1,246	249,199	111	222	20,539	11,311	14,290	2,290,711
Indiana.....	80	54	15,041	512	357	50,090	19	94	8,398	12,987	43,359	2,790,611
Illinois.....	155	231	30,804	1,084	1,827	191,251	117	292	26,172	6,516	9,568	1,172,577
Michigan.....	214	549	179,936	858	735	127,226	343	787	46,753	5,829	6,198	951,851
Wisconsin.....	4	5	930	397	372	52,298	58	34	3,173	2,156	1,057	214,916
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	38	69	9,281	373	259	34,595	68	85	8,032	1,924	1,208	237,620
Iowa.....	25	12	1,890	228	91	12,521	21	71	3,328	2,852	3,980	428,766
Missouri.....	135	76	10,427	804	992	92,194	9	10	683	8,854	16,404	1,175,825
North Dakota.....	3	1	100	4	1	279	2	1	70	131	25	5,135
South Dakota.....	5	1	142	12	5	478	9	4	414	404	152	23,101
Nebraska.....	15	9	1,381	61	42	5,887	33	390	13,563	1,619	987	113,742
Kansas.....	114	100	14,564	238	225	22,501	10	12	1,165	3,953	2,068	343,186
<b>SOUTH ATLANTIC:</b>												
Delaware.....	5	1	127	94	105	11,034	3	4	883	5,256	15,460	1,370,265
Maryland.....	16	21	8,545	911	4,474	724,641	61	110	7,465	13,090	55,965	4,732,401
District of Columbia.....	3	4	1,380	43	68	18,825	5	5	795	57	92	15,778
Virginia.....	13	9	2,201	815	6,215	763,115	15	13	1,302	12,769	23,432	1,923,628
West Virginia.....	21	8	844	93	38	6,027				5,259	2,253	262,161
North Carolina.....	7	2	308	367	201	24,113	61	82	5,589	6,090	1,887	237,766
South Carolina.....				273	522	64,021	89	111	14,394	3,975	3,221	411,975
Georgia.....				320	275	36,470	154	210	13,740	5,070	3,752	435,365
Florida.....	1	3	600	242	128	24,947	361	799	73,029	5,228	29,537	3,934,268
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	31	39	9,357	554	564	54,033	3	2	240	6,971	6,679	544,289
Tennessee.....	8	7	998	320	270	25,543	28	21	2,753	15,219	17,139	2,399,626
Alabama.....				278	124	14,500	53	29	2,577	4,994	2,642	261,839
Mississippi.....				210	76	10,884	23	11	1,640	7,511	11,840	3,203,715
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	24	24	3,095	366	409	27,744	9	7	469	7,917	17,649	824,184
Louisiana.....				451	937	35,394	38	45	3,145	1,931	1,201	121,976
Oklahoma.....	53	76	9,806	254	256	20,207	4	6	125	5,435	4,805	408,151
Texas.....				1,219	15,221	1,004,490	233	310	21,728	15,676	28,528	4,166,253
<b>MOUNTAIN:</b>												
Montana.....	15	2	527	100	40	5,864	26	14	1,156	267	97	25,715
Idaho.....	14	5	648	98	89	14,159	37	30	2,629	468	185	42,299
Wyoming.....	2	( <sup>1</sup> )	65	17	5	1,439	5	5	201	112	49	9,945
Colorado.....	38	19	2,679	391	421	51,020	95	118	10,656	1,842	2,990	354,578
New Mexico.....	2	( <sup>1</sup> )	55	103	72	9,210	8	6	440	900	880	108,061
Arizona.....	3	1	300	97	148	19,511	83	49	4,779	401	437	82,767
Utah.....	8	4	1,084	105	122	13,271	80	108	7,958	2,340	5,799	769,221
Nevada.....	1	1	100	10	12	1,679	3	6	280	72	46	11,832
<b>PACIFIC:</b>												
Washington.....	290	388	66,056	507	718	128,775	252	496	43,058	1,559	1,592	392,261
Oregon.....	133	111	22,708	268	275	32,458	297	877	54,170	1,272	1,029	272,333
California.....	235	1,323	312,350	1,344	10,884	1,119,203	656	1,897	242,111	4,922	41,249	5,481,070

<sup>1</sup> Reported in small fractions.

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TABLE 57.—VEGETABLES HARVESTED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES, 1929—Continued

DIVISION AND STATE	TURNIPS			WATERMELONS			MIXED VEGETABLES			OTHER VEGETABLES <sup>1</sup>		
	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value	Farms reporting	Acreage	Value
United States.....	6,564	8,339	8859,139	109,123	290,879	814,190,256	43,422	99,064	817,388,400	12,371	19,826	83,110,348
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	897	775	117,274	251	88	16,731	4,403	7,664	2,082,548	361	468	126,694
Middle Atlantic.....	581	861	101,882	1,818	1,652	200,862	8,713	22,233	4,560,608	1,329	1,805	511,019
East North Central.....	527	652	69,469	5,950	11,805	761,756	7,798	16,538	3,072,320	2,641	3,405	563,818
West North Central.....	239	228	15,325	6,433	15,779	963,680	3,761	6,679	1,085,006	1,326	1,684	293,844
South Atlantic.....	1,475	1,700	162,883	36,689	139,494	5,961,166	5,959	10,490	1,727,784	2,299	3,133	348,596
East South Central.....	1,266	1,895	141,703	23,037	24,921	1,509,914	2,907	3,765	479,065	1,358	1,551	153,537
West South Central.....	682	1,174	101,864	29,564	78,477	3,000,189	4,473	15,265	1,135,079	1,709	2,456	204,422
Mountain.....	298	362	54,987	2,978	4,505	389,490	2,487	4,403	776,472	632	789	97,591
Pacific.....	299	632	94,052	2,403	14,158	1,386,498	2,921	12,047	2,469,518	735	4,532	902,437
<b>NEW ENGLAND:</b>												
Maine.....	307	158	21,778	11	3	264	1,045	646	126,881	4	6	1,316
New Hampshire.....	41	15	2,829	27	3	476	486	475	94,503	98	44	7,423
Vermont.....	95	44	5,667	12	4	289	337	229	47,475	49	21	3,820
Massachusetts.....	805	412	64,987	110	46	8,441	1,826	4,914	1,418,688	19	56	18,439
Rhode Island.....	58	53	10,103	23	5	2,269	124	307	78,484	62	74	23,184
Connecticut.....	91	98	11,610	62	27	4,992	585	1,034	316,016	129	267	72,512
<b>MIDDLE ATLANTIC:</b>												
New York.....	352	356	48,467	204	189	26,036	2,714	8,477	1,947,820	560	928	278,804
New Jersey.....	82	361	36,067	762	978	103,516	1,984	8,511	1,675,039	77	192	73,557
Pennsylvania.....	147	144	17,058	852	485	65,310	4,015	5,245	937,749	683	688	158,658
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	131	216	27,905	997	1,080	107,867	1,945	3,867	865,861	683	1,075	215,610
Indiana.....	66	85	9,745	2,008	4,869	319,870	973	1,957	310,852	273	399	63,401
Illinois.....	100	93	6,715	1,491	4,585	225,472	1,452	4,758	914,985	374	590	109,663
Michigan.....	212	239	23,067	944	768	62,369	2,253	3,688	612,875	630	674	84,822
Wisconsin.....	18	19	2,337	510	478	42,178	1,175	2,268	367,747	681	667	90,232
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	29	25	3,145	349	373	37,676	1,096	1,980	277,984	537	519	54,050
Iowa.....	25	17	1,120	1,057	2,572	162,984	755	1,275	242,521	131	182	25,140
Missouri.....	99	71	4,103	2,256	6,033	337,926	817	1,479	250,689	426	497	64,678
North Dakota.....				27	12	1,094	132	92	14,929	10	3	487
South Dakota.....	2	1	85	295	781	47,784	143	226	42,067	37	161	31,343
Nebraska.....	12	17	1,033	786	1,544	106,324	248	658	110,777	42	79	8,126
Kansas.....	72	97	5,839	1,663	4,464	269,892	570	969	137,039	143	243	20,020
<b>SOUTH ATLANTIC:</b>												
Delaware.....	6	2	197	213	527	33,478	145	189	29,534	28	131	9,100
Maryland.....	100	234	15,020	654	1,418	108,092	1,116	2,453	362,167	27	60	6,402
District of Columbia.....	4	5	475	3	2	350	39	127	26,072	4	3	1,175
Virginia.....	103	140	16,728	3,751	4,375	299,619	878	2,083	354,134	587	1,235	144,257
West Virginia.....	48	43	3,937	291	294	27,534	433	333	47,819	183	73	11,288
North Carolina.....	200	128	13,892	5,985	8,918	470,538	872	999	161,138	431	352	39,722
South Carolina.....	220	167	15,723	6,612	14,296	603,292	579	806	171,959	227	262	18,660
Georgia.....	557	854	72,573	14,959	73,436	2,890,198	858	1,491	161,962	539	616	58,989
Florida.....	237	187	24,338	4,221	36,228	1,528,065	1,039	2,009	412,999	263	401	59,893
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	55	52	4,511	1,961	1,540	132,675	806	885	141,720	203	180	20,839
Tennessee.....	87	152	9,215	4,923	4,933	374,118	603	844	101,634	355	317	24,387
Alabama.....	514	466	50,822	9,815	12,897	602,601	786	1,074	125,107	383	751	78,807
Mississippi.....	610	1,225	77,152	6,338	5,531	400,620	712	992	110,604	417	843	28,504
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	205	142	13,005	5,293	7,021	411,189	762	1,105	105,345	242	247	27,272
Louisiana.....	180	186	15,907	3,609	3,400	241,058	987	3,353	184,266	565	795	62,543
Oklahoma.....	138	83	7,795	5,284	11,319	539,823	619	758	77,376	281	297	19,942
Texas.....	459	763	65,157	15,378	59,737	1,808,119	2,105	10,049	768,063	621	1,117	94,665
<b>MOUNTAIN:</b>												
Montana.....	10	10	1,260	64	39	3,636	325	579	93,555	72	67	10,481
Idaho.....	8	4	620	274	563	57,298	358	888	84,584	73	123	21,205
Wyoming.....	9	2	476	41	61	6,199	113	94	13,231	103	66	4,703
Colorado.....	219	277	46,335	489	1,072	64,994	812	1,915	294,812	141	227	28,103
New Mexico.....	20	24	2,227	856	965	63,555	189	249	59,270	126	126	7,817
Arizona.....	21	38	3,118	721	1,466	121,961	176	521	120,318	32	70	11,137
Utah.....	10	5	926	474	514	59,888	400	466	75,582	60	92	11,317
Nevada.....	1	2	125	59	125	12,129	104	191	35,120	16	18	2,828
<b>PACIFIC:</b>												
Washington.....	48	132	16,466	421	884	91,758	897	1,131	255,927	246	387	55,844
Oregon.....	65	83	7,808	373	646	71,766	789	1,511	265,156	110	155	21,432
California.....	186	417	89,778	1,609	12,628	1,222,984	1,235	9,405	1,948,435	379	3,990	825,161

<sup>1</sup> Does not include potatoes (Irish or white) or sweetpotatoes and yams.



**Tobacco.**—Some increase occurred in the total acreage and production of tobacco between 1919 and 1929. A large part of the increase is due to the expansion of "bright leaf" or "fluecured" tobacco in the Georgia-Carolina area. This is a logical result of the increased use of cigarettes during the last decade. Various other types of tobacco, however, show opposite trends. Where more than one kind of tobacco is grown, it is necessary to study State and county figures in detail to obtain a clear picture of changes in the last decade. North Carolina in 1929 ranked first in acreage and production of tobacco.

PRODUCTION OF TOBACCO, 10 LEADING STATES: 1929 AND 1924

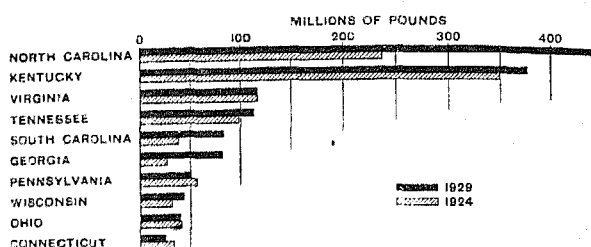
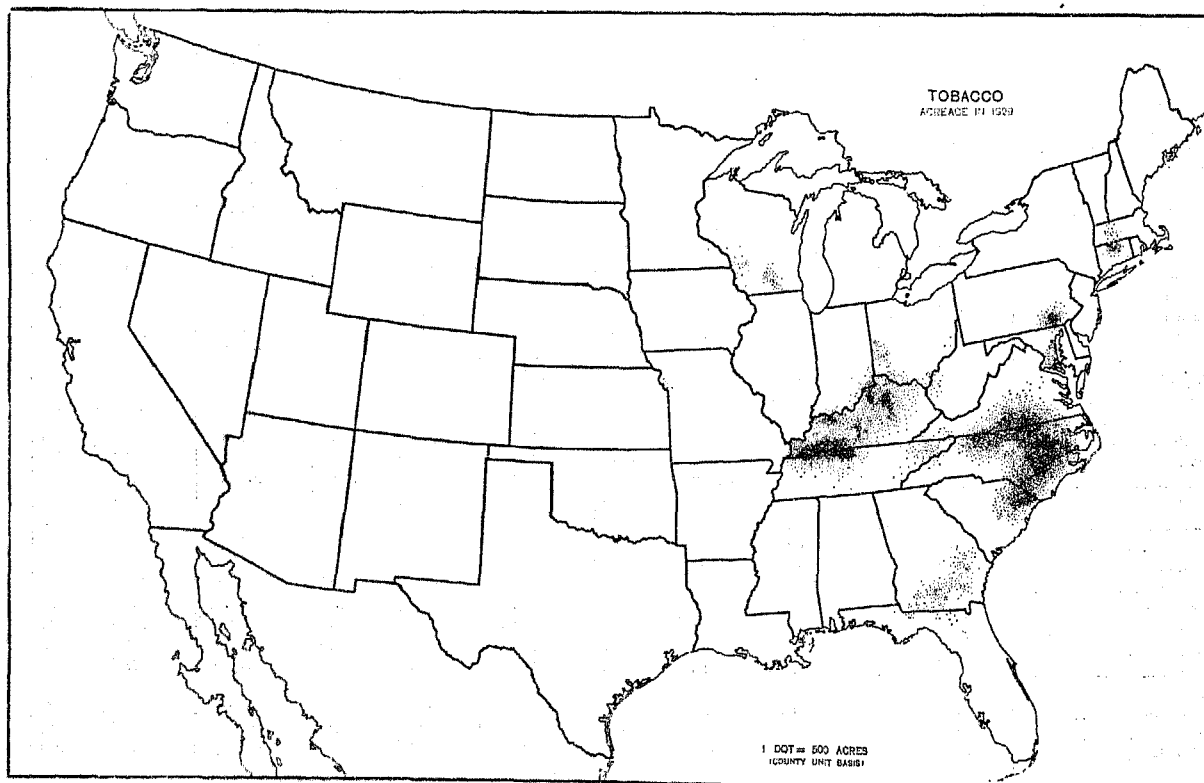


TABLE 58.—TOBACCO—SUMMARY FOR THE UNITED STATES: 1859 TO 1929

[Statistics for divisions and States in Tables 59 and 60]

ITEM	1929	1924	1919	1909	1899	1889	1879	1869	1859
Number of farms reporting.....	432,975	396,352	448,572	326,919	308,292				
Per cent of all farms.....	6.9	6.2	7.0	5.1	5.4				
<b>Acreage</b> .....	1,888,365	1,537,843	1,861,480	1,294,911	1,101,460	695,301	638,841		
Increase over preceding census <sup>1</sup> .....	350,522	-323,637	660,669	193,451	406,150	60,400			
Per cent of increase <sup>1</sup> .....	22.8	-17.4	43.8	17.6	58.4	8.8			
Average per farm reporting.....	4.4	3.9	4.1	4.0	3.6				
<b>Production (pounds)</b> <sup>2</sup> .....	1,456,510,003	1,106,339,883	1,371,604,261	1,055,764,806	868,112,865	488,250,046	472,661,157	282,735,341	434,209,461
Increase over preceding census <sup>1</sup> .....	350,170,129	-265,164,378	315,739,455	137,651,941	379,856,219	15,595,489	209,925,816	-171,474,120	234,450,800
Per cent of increase <sup>1</sup> .....	31.7	-19.3	29.9	21.0	77.8	3.3	79.9	-39.5	117.4
Average yield per acre.....	771	719	737	815	758	702	740		
<b>Value</b> .....	\$265,886,604	\$211,732,874	\$443,705,030	\$104,302,856	\$56,987,902				
Increase over preceding census <sup>1</sup> .....	\$54,153,730	-\$231,972,156	\$339,402,174	\$47,314,054					
Per cent of increase <sup>1</sup> .....	25.6	-52.3	325.4	83.0					
Average per pound.....	\$0.18	\$0.19	\$0.32	\$0.10	\$0.07				
Average per acre.....	\$140.80	\$137.68	\$238.30	\$80.65	\$51.74				
Per cent that value of tobacco formed of total value of all crops.....	3.3	( <sup>3</sup> )	3.0	2.0	2.0				

<sup>1</sup> A minus sign (-) denotes decrease. <sup>2</sup> Between 1919 and 1929, the acreage increased 1.4 per cent; the production increased 6.2 per cent; and the value decreased 40.1 per cent. <sup>3</sup> The production was reported as 199,752,655 pounds in 1849. <sup>4</sup> Figures not available.



INDIVIDUAL CROPS

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TABLE 59.—TOBACCO—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1929, 1924, AND 1919

DIVISION AND STATE	FARMS REPORTING			ACREAGE			PRODUCTION (POUNDS)			VALUE		
	1929	1924	1919	1929	1924	1919	1929	1924	1919	1929	1924	1919
United States.....	432,975	386,352	443,572	1,888,365	1,537,843	1,861,480	1,456,510,003	1,108,339,683	1,371,604,261	\$265,888,604	\$211,732,874	\$443,705,030
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	2,575	4,222	4,610	27,464	36,379	36,225	38,206,705	49,277,445	56,732,177	17,551,853	14,144,595	19,985,748
Middle Atlantic.....	8,017	10,536	11,857	40,804	46,677	45,413	51,510,159	58,509,697	59,330,475	6,213,071	7,987,571	10,878,955
East North Central.....	33,289	35,406	41,376	105,733	114,355	140,572	99,164,479	92,092,233	136,197,572	15,687,203	13,309,302	29,956,148
West North Central.....	3,081	2,374	7,602	6,467	5,206	5,056	6,203,317	4,714,582	4,691,739	1,247,085	908,134	1,530,917
South Atlantic.....	210,744	183,357	197,014	1,110,687	761,009	857,155	771,948,063	432,918,089	493,732,082	140,761,200	98,820,092	239,022,462
East South Central.....	174,187	159,380	182,065	596,644	573,238	775,077	489,247,160	448,412,618	619,785,971	84,371,800	76,400,228	141,779,715
West South Central.....	1,090	1,077	3,974	475	959	1,279	199,290	415,279	522,091	45,352	163,652	266,266
Mountain.....	6		15	20		2	20,600		1,276	4,120		430
Pacific.....	6		59	11		701	9,600		490,578	1,920		284,359
<b>NEW ENGLAND:</b>												
Maine.....			17			(1)			700			224
New Hampshire.....	15	35	49	116	159	108	136,469	217,196	135,182	75,036	60,816	40,554
Vermont.....	14	41	55	138	193	78	233,066	295,235	126,210	76,912	82,666	42,074
Massachusetts.....	1,033	1,372	1,293	8,095	10,035	9,109	11,610,993	14,074,150	14,282,569	4,701,028	3,940,764	4,713,255
Rhode Island.....	2		5	(1)		(1)	350		300	116		90
Connecticut.....	1,511	2,774	3,191	19,115	25,992	26,930	26,225,827	34,690,858	42,193,190	12,698,791	10,060,349	15,189,551
<b>MIDDLE ATLANTIC:</b>												
New York.....	247	543	890	824	1,897	2,613	925,853	2,155,566	3,253,954	140,648	348,437	804,949
New Jersey.....			6			1			670			154
Pennsylvania.....	7,770	9,993	10,961	40,040	44,780	42,790	50,584,276	56,353,741	55,965,851	6,072,423	7,639,134	10,073,852
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	15,220	16,407	20,294	49,575	58,317	75,789	39,828,515	40,926,811	64,420,472	6,439,674	6,897,547	13,528,302
Indiana.....	8,847	9,139	9,889	19,372	20,678	22,459	15,901,768	18,413,137	18,732,202	2,689,149	3,187,631	4,688,064
Illinois.....	276	218	1,327	184	333	850	144,552	229,980	566,260	19,364	51,751	198,262
Michigan.....			79			9			4,692			1,648
Wisconsin.....	8,026	9,642	9,787	36,602	35,027	41,465	43,289,644	32,522,305	52,454,246	6,540,016	3,172,373	11,539,932
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	484	260	232	1,205	656	455	1,531,035	644,150	517,605	216,018	39,937	98,347
Iowa.....		17	123		27	43		24,235	38,217		2,424	7,643
Missouri.....	2,580	2,086	7,143	5,039	4,517	4,490	4,549,089	4,040,887	4,074,977	1,006,428	884,214	1,385,497
North Dakota.....			4			1			1,040			521
South Dakota.....						(1)			544			854
Nebraska.....			18			67			59,356	24,639	1,459	38,585
Kansas.....	37	5	82	133	6		123,193	5,610				
<b>SOUTH ATLANTIC:</b>												
Delaware.....			7			3			1,777			534
Maryland.....	5,477	5,773	5,504	32,974	31,700	28,539	21,624,127	22,473,735	17,339,859	5,846,647	6,236,889	5,721,164
District of Columbia.....												
Virginia.....	40,631	49,596	52,409	172,134	194,974	225,504	115,825,610	116,525,407	102,391,226	29,341,061	23,848,225	48,123,877
West Virginia.....	4,641	5,062	8,610	7,181	7,767	11,233	5,361,098	5,681,477	7,587,052	1,129,045	1,135,936	2,731,338
North Carolina.....	117,222	94,274	98,310	685,074	407,228	459,011	454,222,610	237,438,496	280,163,432	82,296,099	53,149,278	151,288,264
South Carolina.....	22,519	19,281	25,576	112,852	78,459	103,496	83,362,706	38,497,602	71,193,072	12,933,344	6,655,897	23,493,714
Georgia.....	18,578	8,594	5,762	90,170	35,545	25,067	82,363,722	27,807,967	10,584,968	15,297,926	6,554,229	5,292,510
Florida.....	1,676	777	846	10,302	5,336	4,291	9,248,190	4,495,405	4,473,696	2,920,078	1,739,638	2,371,061
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	123,455	120,163	143,599	466,118	449,140	631,438	376,648,533	349,747,909	504,661,592	61,253,896	59,378,225	116,072,188
Tennessee.....	50,478	30,042	36,936	129,973	124,054	138,661	112,236,961	98,632,358	112,367,867	20,066,786	17,020,302	24,720,869
Alabama.....	234	145	1,905	547	56	3,435	357,093	31,182	2,031,235	60,235	6,462	710,633
Mississippi.....	20	30	625	6	8	1,643	4,603	1,199	725,577	863	239	275,725
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	929	889	3,056	232	318	622	94,750	163,681	267,050	20,233	32,928	93,472
Louisiana.....	39	67	134	189	602	516	81,047	230,100	221,277	20,095	128,405	143,832
Oklahoma.....	104	95	413	37	23	52	15,969	12,136	39,697	3,488	1,826	15,417
Texas.....	18	26	371	17	16	59	7,584	9,362	27,667	1,536	1,893	13,545
<b>MOUNTAIN:</b>												
Montana.....												
Idaho.....												
Wyoming.....												
Colorado.....			7			1			875			308
New Mexico.....	6		7	20		1	20,600		361	4,120		116
Arizona.....			1			(1)			20			6
Utah.....												
Nevada.....												
<b>PACIFIC:</b>												
Washington.....	3		5	1		(1)	600		157	120		48
Oregon.....	1		9	3		1	4,000		480	800		115
California.....	2		45	7		700	5,000		459,941	1,000		284,166

1 Reported in small fractions.

## AGRICULTURE

TABLE 60.—TOBACCO—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1899 TO 1929

DIVISION AND STATE	ACREAGE					PRODUCTION (POUNDS)				
	1929	1924	1919	1909	1899	1929	1924	1919	1909	1899
United States.....	1,888,365	1,537,843	1,861,480	1,294,911	1,101,460	1,456,510,003	1,106,339,883	1,371,504,261	1,055,764,806	868,112,865
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	27,494	36,370	30,225	21,745	14,212	35,206,705	40,277,445	56,732,177	37,961,893	23,810,524
Middle Atlantic.....	40,864	46,677	47,413	45,852	39,069	51,510,159	58,509,607	59,320,475	51,510,925	55,461,710
East North Central.....	105,733	114,355	140,572	171,973	115,810	99,104,479	92,072,233	136,197,872	157,959,785	119,851,780
West North Central.....	6,467	5,209	5,046	5,709	4,700	6,203,317	4,714,582	4,691,730	5,704,572	3,349,811
South Atlantic.....	1,110,687	761,009	857,155	487,411	465,774	771,948,603	452,018,089	493,732,082	334,569,496	300,194,090
East South Central.....	596,644	573,238	775,077	560,523	457,998	489,247,190	448,412,648	619,785,971	407,348,072	363,820,310
West South Central.....	475	959	1,279	1,683	3,857	193,290	415,279	552,091	700,015	1,592,830
Mountain.....	20		2	11	8	20,600		1,276	3,457	2,510
Pacific.....	11		701	4	46	9,600		490,578	5,691	20,300
<b>NEW ENGLAND:</b>										
Maine.....			(1)	(1)	(1)			700	50	150
New Hampshire.....	116	159	106	79	109	136,469	217,196	135,182	136,804	181,044
Vermont.....	138	193	78	103	158	233,066	295,235	120,210	164,080	291,390
Massachusetts.....	8,095	10,035	9,109	5,521	3,826	11,610,993	14,074,156	14,282,580	9,549,306	6,406,570
Rhode Island.....	(1)		(1)	(1)		350		300	510	
Connecticut.....	19,115	25,992	26,930	16,042	10,119	26,225,827	34,690,858	42,193,196	28,110,453	10,930,770
<b>MIDDLE ATLANTIC:</b>										
New York.....	824	1,897	2,613	4,109	11,307	925,883	2,156,866	3,353,954	5,345,035	13,958,370
New Jersey.....			1	1	2			670	1,090	720
Pennsylvania.....	40,040	44,780	42,799	41,742	27,760	50,584,270	56,353,741	55,965,851	46,164,800	41,502,620
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	49,575	58,317	75,789	106,477	71,422	39,828,515	40,926,811	64,420,472	88,603,308	65,957,100
Indiana.....	19,372	20,678	22,459	23,694	8,219	15,901,768	18,413,137	18,752,262	21,387,824	6,882,470
Illinois.....	184	333	850	1,313	2,242	144,552	229,980	566,260	1,029,616	1,447,150
Michigan.....			9	31	97			4,692	20,855	64,580
Wisconsin.....	36,602	35,027	41,465	40,458	33,830	43,289,644	32,522,305	52,454,246	40,909,182	45,500,480
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	1,295	656	455	150	117	1,531,035	644,150	517,605	173,321	127,730
Iowa.....		27	43	81	131		24,235	38,217	102,886	127,420
Missouri.....	5,039	4,517	4,490	5,433	4,361	4,549,089	4,040,587	4,074,977	5,372,738	3,041,996
North Dakota.....			1	6	1			1,040	3,968	210
South Dakota.....				(1)	2				860	730
Nebraska.....			(1)	(1)	14			544	2,423	5,765
Kansas.....	133	6	67	39	80	123,193	5,610	59,356	43,376	45,980
<b>SOUTH ATLANTIC:</b>										
Delaware.....			3		4			1,777		2,000
Maryland.....	32,974	31,700	28,550	26,072	42,911	21,624,127	24,473,735	17,336,859	17,845,699	24,589,480
District of Columbia.....										
Virginia.....	172,134	194,974	225,504	185,427	184,334	115,825,610	116,525,407	102,391,226	132,979,390	122,884,900
West Virginia.....	7,181	7,767	11,233	17,928	5,129	5,361,698	5,081,477	7,587,052	14,350,400	3,087,140
North Carolina.....	685,074	407,228	459,011	221,890	203,023	454,222,610	237,436,496	280,163,432	138,813,163	127,003,400
South Carolina.....	112,852	78,459	163,496	30,082	25,993	83,302,706	38,497,602	71,193,072	25,583,049	19,695,970
Georgia.....	90,170	35,545	25,067	2,025	2,304	82,363,722	27,807,967	10,584,968	1,485,994	1,105,600
Florida.....	10,302	5,336	4,291	3,987	2,056	9,248,190	4,495,405	4,473,696	3,505,801	1,125,600
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	466,118	449,140	631,438	469,765	384,805	376,648,533	349,747,909	504,661,592	398,482,301	314,238,050
Tennessee.....	129,973	124,054	138,561	90,468	71,849	112,226,961	98,632,358	112,367,567	68,756,590	49,157,550
Alabama.....	547	56	3,435	211	1,141	357,033	31,182	2,031,235	90,572	311,950
Mississippi.....	6	8	1,643	49	203	4,603	1,199	725,577	18,600	62,760
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	232	318	622	758	1,887	94,750	163,681	267,050	316,418	831,700
Louisiana.....	189	602	516	519	275	81,047	230,100	221,277	172,418	102,100
Oklahoma.....	37	23	82	82	252	15,909	12,136	36,697	50,546	108,910
Texas.....	17	16	59	324	1,443	7,584	9,362	27,067	161,533	550,120
<b>MOUNTAIN:</b>										
Montana.....				3	1					150
Idaho.....				(1)	1					103
Wyoming.....										
Colorado.....			1	(1)				875	100	
New Mexico.....	20		1	7	6	20,600		381	2,334	1,460
Arizona.....			(1)	1	(1)			20	500	100
Utah.....				(1)					270	
Nevada.....										
<b>PACIFIC:</b>										
Washington.....	1		(1)	(1)	5	600		157	699	1,180
Oregon.....	3		1	(1)	14	4,000		480	490	4,630
California.....	7		700	4	27	5,000		489,941	4,502	23,490

1 Reported in small fractions.

Cotton and cottonseed.—The inquiries on the 1930 general farm schedule called for the acreage and production of cotton and the production of cottonseed. In 1925 and 1920 there were no inquiries on cottonseed, but the production of cottonseed in 1920 was computed from the production of cotton. The principal features of the cotton statistics are the increase of acreage in relatively new territory of northwest Texas and western Oklahoma, and in the areas of staple cotton along the Mississippi; the resumption of cotton growing on a normal scale in several boll-weevil areas, and the almost complete disappearance of sea-island cotton, in Florida and the coastal plains sections of Georgia and South Carolina, due to the weevil. These points are illustrated in the dot maps particularly the one which indicates counties showing an increase of 5,000 acres or more since 1924.

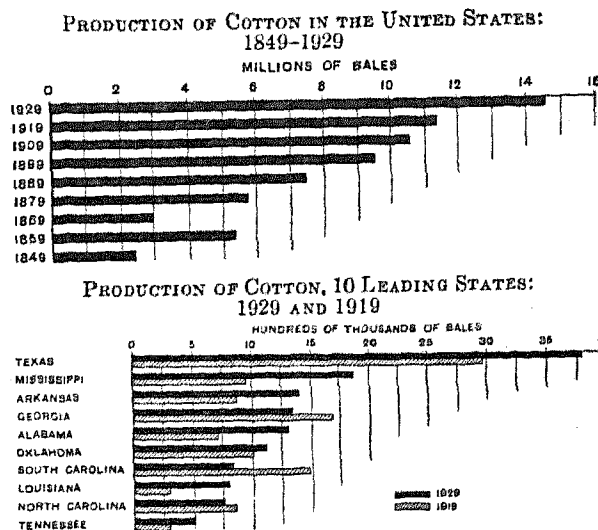


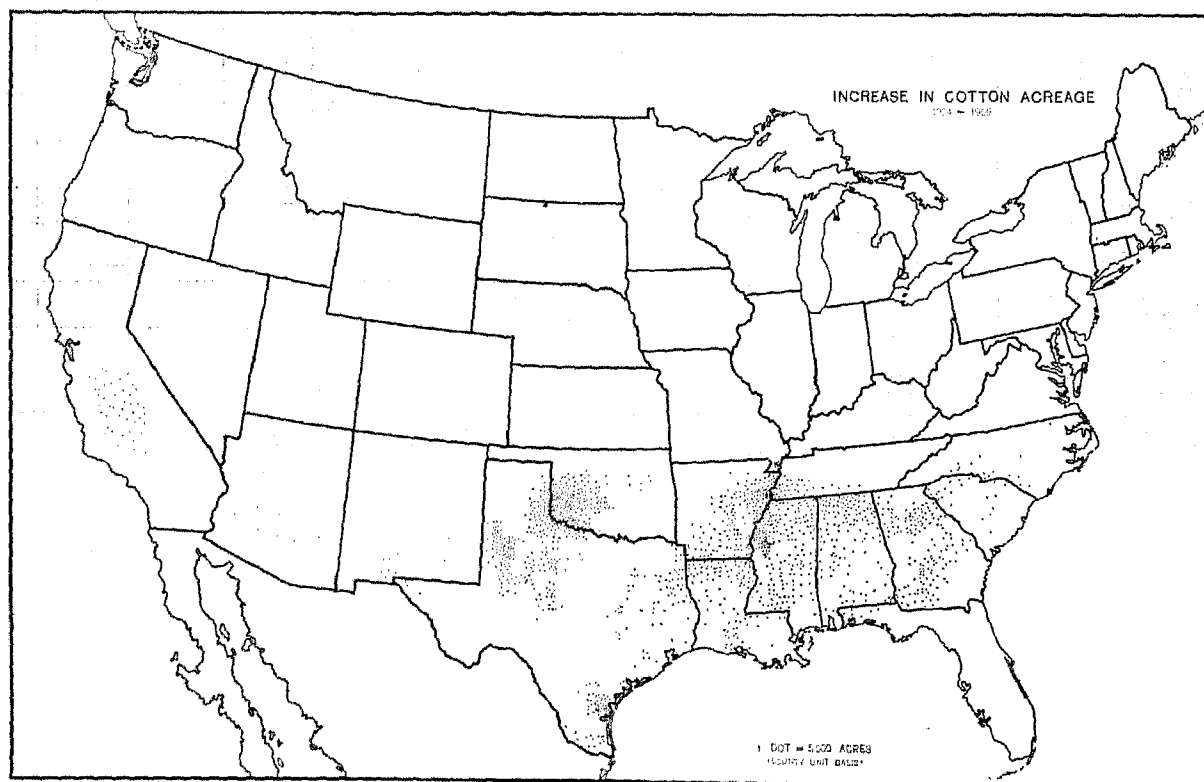
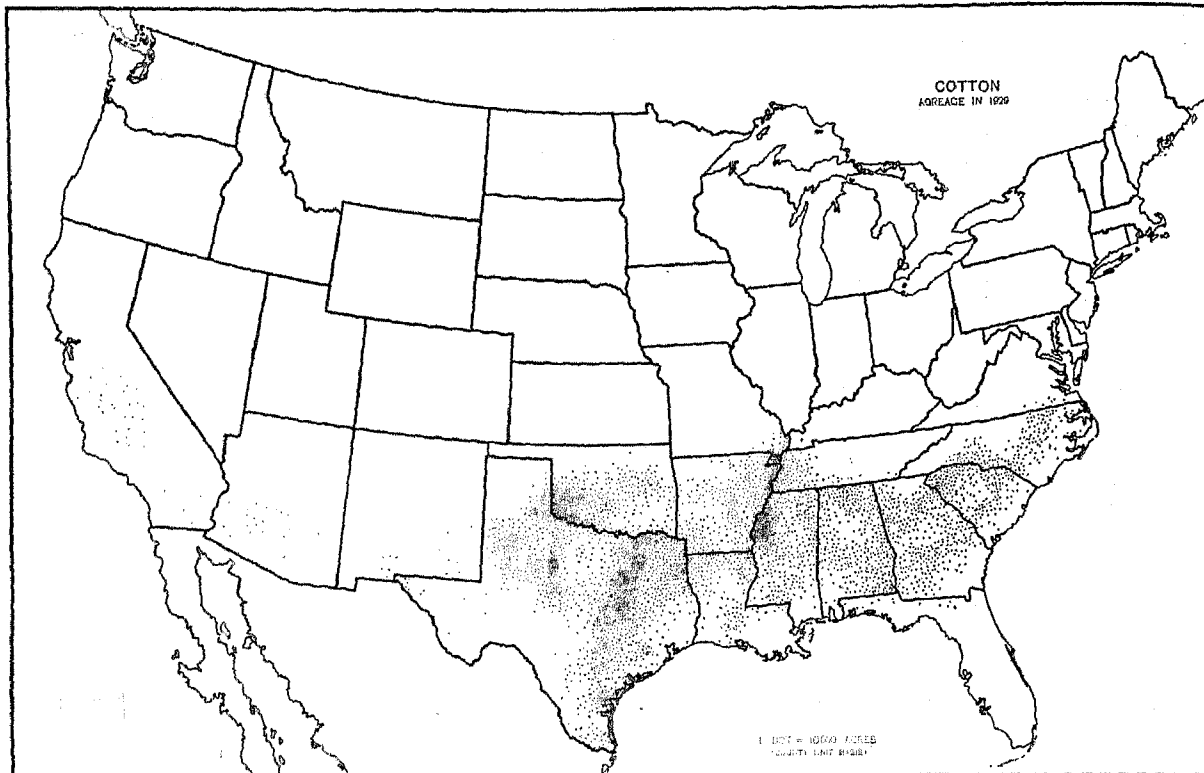
TABLE 61.—COTTON—SUMMARY FOR THE UNITED STATES: 1849 TO 1929

[Statistics for divisions and States in Tables 62, 63, 64, and 65]

ITEM	1929	1924	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting.....	1,986,726	1,931,307	1,905,863	1,714,149	1,418,584					
Per cent of all farms.....	31.6	30.3	29.6	26.9	24.7					
Acreage.....	43,227,488	39,204,319	33,740,106	32,043,838	24,275,101	20,175,270	14,480,019			
Increase over preceding census.....	4,023,169	5,464,213	1,696,263	7,768,737	4,009,831	5,695,251				
Per cent of increase.....	10.3	16.2	5.3	32.0	20.3	39.3				
Average per farm reporting.....	21.8	20.3	17.7	18.7	17.1					
Production:										
Lint cotton (running bales).....	14,574,405	13,682,690	11,376,130	10,649,265	9,534,707	7,472,511	5,755,359	3,011,996	5,387,052	2,469,093
Increase over preceding census <sup>2</sup> .....	891,706	2,306,569	726,862	1,114,561	2,062,196	1,717,152	2,743,363	-2,375,056	2,917,959	
Per cent of increase <sup>2</sup> .....	6.5	20.3	6.8	11.7	27.6	29.8	91.1	-44.1	118.2	
Average yield per acre (bales).....	0.34	0.35	0.34	0.33	0.39	0.37	0.40			
Cottonseed (tons) <sup>1</sup> .....	6,914,860		5,327,721	5,324,622	4,767,353					
Value, total, including cottonseed.....	\$1,458,435,400		\$2,355,169,365	\$824,696,287	\$370,708,746					
Lint cotton.....	\$1,243,602,756	\$1,568,501,040	\$2,007,430,242	\$703,619,303	\$323,768,171					
Increase over preceding census <sup>2</sup> .....	-\$319,838,284	-\$438,929,202	\$1,303,810,939	\$379,861,132						
Per cent of increase <sup>2</sup> .....	-20.4	-21.9	185.3	117.3						
Average value per bale.....	\$85.68	\$114.63	\$176.46	\$66.07	\$33.96					
Cottonseed <sup>3</sup> .....	\$209,772,704		\$347,739,123	\$121,076,984	\$46,950,575					
Average value per acre—										
Total, including cottonseed.....	\$33.74		\$69.80	\$25.74	\$15.27					
Lint cotton alone.....	\$28.89	\$40.01	\$59.50	\$21.96	\$13.34					
Per cent that value of cotton and cottonseed formed of total value of all crops <sup>4</sup> .....	18.1	(4)	16.0	15.8	13.0					

<sup>1</sup> Between 1919 and 1929, the acreage increased 23.1 per cent; the production increased 23.1 per cent; and the value of the entire crop decreased 33.1 per cent. <sup>2</sup> A minus sign (-) denotes decrease. <sup>3</sup> Production for 1929 as reported; computed for 1919 and earlier years; not reported or computed in 1924. <sup>4</sup> Figures not available.

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# INDIVIDUAL CROPS

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**TABLE 62.—COTTON—FARMS REPORTING, ACREAGE, AND PRODUCTION, BY DIVISIONS AND STATES: 1929, 1924, AND 1919**

DIVISION AND STATE	FARMS REPORTING			ACREAGE			PRODUCTION OF LINT COTTON (RUNNING BALES)		
	1929	1924	1919	1929	1924	1919	1929	1924	1919
United States.....	1,986,728	1,931,307	1,905,663	43,227,498	39,204,319	33,740,106	14,574,405	13,632,699	11,376,130
<b>GEOGRAPHIC DIVISIONS:</b>									
East North Central.....	136	1,027	-----	1,613	15,645	-----	826	3,294	-----
West North Central.....	16,180	21,935	7,675	355,347	477,066	110,027	225,808	194,948	63,808
South Atlantic.....	618,000	552,895	624,698	7,231,976	6,661,910	8,883,512	3,031,647	2,803,130	4,061,383
East South Central.....	603,592	521,711	537,231	8,636,981	6,937,288	6,389,666	3,700,442	2,474,598	1,985,631
West South Central.....	839,229	823,911	732,042	26,353,635	24,682,862	18,152,644	7,121,110	7,960,078	5,154,140
Mountain.....	7,183	7,470	2,909	347,878	285,501	116,949	240,293	168,103	64,750
Pacific.....	4,300	2,358	1,248	300,058	144,047	87,308	253,881	78,548	46,418
<b>EAST NORTH CENTRAL:</b>									
Indiana.....	-----	0	-----	-----	14	-----	-----	5	-----
Illinois.....	136	1,021	-----	1,613	15,631	-----	826	3,294	-----
<b>WEST NORTH CENTRAL:</b>									
Missouri.....	16,080	21,877	7,675	362,899	476,234	110,027	225,351	194,792	63,808
Kansas.....	91	58	-----	2,448	832	-----	455	156	-----
<b>SOUTH ATLANTIC:</b>									
Virginia.....	14,005	17,790	9,081	88,446	108,408	47,022	52,442	45,343	24,887
North Carolina.....	151,494	175,737	153,010	1,040,398	1,733,244	1,373,701	764,328	855,024	658,406
South Carolina.....	131,426	155,642	179,979	1,973,228	2,023,926	2,631,719	835,963	844,224	1,476,645
Georgia.....	205,734	194,194	270,484	3,406,443	2,708,151	4,720,498	1,344,488	1,636,741	1,681,907
Florida.....	12,177	9,532	12,144	123,461	88,181	110,562	34,426	21,794	19,535
<b>EAST SOUTH CENTRAL:</b>									
Kentucky.....	1,247	3,412	420	15,898	37,463	5,355	8,955	11,836	2,967
Tennessee.....	88,846	87,479	70,468	1,045,051	940,312	607,770	503,816	338,943	306,974
Alabama.....	231,324	208,596	220,960	3,566,498	2,948,072	2,628,154	1,312,963	983,673	716,163
Mississippi.....	282,175	224,228	239,353	4,006,534	3,011,441	2,948,387	1,575,108	1,120,149	937,527
<b>WEST SOUTH CENTRAL:</b>									
Arkansas.....	192,209	176,168	172,632	3,446,485	2,776,934	2,553,811	1,308,475	1,090,259	869,350
Louisiana.....	128,537	103,873	102,498	1,945,354	1,434,630	1,343,334	798,828	562,197	306,791
Oklahoma.....	123,477	133,806	116,204	4,148,228	3,812,942	2,732,962	1,130,415	1,511,480	1,006,242
Texas.....	395,100	410,144	346,708	16,813,568	16,658,356	11,522,537	3,703,392	4,856,142	2,971,757
<b>MOUNTAIN:</b>									
New Mexico.....	3,738	3,795	337	136,700	168,488	10,666	80,805	58,554	5,399
Arizona.....	3,445	3,075	2,632	211,178	177,013	106,283	149,458	109,619	59,351
<b>PACIFIC:</b>									
California.....	4,300	2,358	1,248	300,058	144,047	87,308	253,881	78,548	46,418

**TABLE 63.—COTTON—PRODUCTION OF COTTONSEED AND VALUE OF COTTON AND COTTONSEED, BY DIVISIONS AND STATES: 1929 AND 1919**

[A minus sign (-) denotes decrease. Per cent not shown when more than 1,000]

DIVISION AND STATE	PRODUCTION OF COTTONSEED (TONS) <sup>1</sup>				VALUE					
	1929	1919	Increase		Total, including cottonseed <sup>1</sup>		Lint cotton		Cottonseed <sup>1</sup>	
			Amount	Per cent	1929	1919	1929	1919	1929	1919
United States.....	6,914,868	5,927,721	1,587,145	29.8	\$1,456,455,460	\$2,355,169,365	\$1,248,662,768	\$2,007,430,242	\$209,772,704	\$347,739,123
<b>GEOGRAPHIC DIVISIONS:</b>										
East North Central.....	410	-----	410	-----	78,235	-----	66,084	-----	12,151	-----
West North Central.....	110,877	29,481	81,396	275.4	21,965,329	12,513,445	18,534,570	10,464,512	3,423,919	2,048,933
South Atlantic.....	1,403,518	1,847,722	-444,204	-24.0	290,024,901	854,052,822	250,819,547	716,402,541	39,205,354	137,650,281
East South Central.....	1,789,881	928,981	860,900	92.6	377,057,293	423,723,410	320,969,920	361,678,980	56,087,373	62,046,430
West South Central.....	3,368,237	2,470,177	898,060	36.4	715,723,689	1,030,861,310	611,234,163	888,319,662	104,489,526	142,541,648
Mountain.....	118,011	29,916	88,095	296.5	27,379,376	23,440,943	24,159,501	21,329,365	3,219,875	2,111,578
Pacific.....	124,023	21,444	102,579	478.4	26,206,637	10,577,435	22,878,971	9,237,182	3,327,666	1,340,253
<b>EAST NORTH CENTRAL:</b>										
Illinois.....	410	-----	410	-----	78,235	-----	66,084	-----	12,151	-----
<b>WEST NORTH CENTRAL:</b>										
Missouri.....	110,449	29,481	80,968	274.6	21,917,525	12,513,445	18,493,606	10,464,512	3,423,919	2,048,933
Kansas.....	228	-----	228	-----	47,804	-----	40,964	-----	6,840	-----
<b>SOUTH ATLANTIC:</b>										
Virginia.....	25,266	11,498	13,768	119.7	5,098,546	5,186,943	4,330,566	4,330,338	757,980	856,605
North Carolina.....	354,164	386,285	-32,121	-8.3	72,193,330	177,947,734	61,975,646	149,362,644	10,217,684	28,885,090
South Carolina.....	381,290	608,917	-227,627	-43.0	70,841,879	316,392,768	69,383,426	259,889,520	10,488,433	56,608,248
Georgia.....	625,735	771,993	-146,258	-18.9	129,619,967	336,506,928	112,329,292	299,379,440	17,289,675	57,127,482
Florida.....	17,093	9,029	8,064	89.3	3,281,179	4,018,449	2,800,617	3,440,593	489,562	577,856
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	4,465	1,371	3,094	225.7	834,839	574,578	709,819	471,753	125,020	102,825
Tennessee.....	240,613	146,734	93,879	64.0	50,667,281	58,346,576	43,391,627	48,808,866	7,275,654	9,637,710
Alabama.....	620,610	331,794	287,616	89.7	129,186,873	152,440,345	110,484,056	128,551,177	18,702,317	23,889,168
Mississippi.....	914,893	449,082	465,811	103.7	196,368,300	212,361,911	168,384,418	183,845,184	29,983,882	28,516,727
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	685,902	412,072	273,830	66.5	142,043,979	184,884,720	121,193,069	156,990,400	20,850,910	24,724,320
Louisiana.....	385,476	139,898	245,578	175.5	77,920,359	60,187,569	66,265,947	51,234,097	11,654,412	8,953,472
Oklahoma.....	634,123	473,943	80,180	12.7	106,992,373	189,552,012	90,551,892	193,011,204	16,446,681	26,540,808
Texas.....	1,762,736	1,444,264	318,472	22.1	388,766,778	596,437,009	333,223,255	514,113,961	55,543,523	82,323,048
<b>MOUNTAIN:</b>										
New Mexico.....	42,380	2,490	39,894	-----	9,645,117	1,347,842	8,439,490	1,209,376	1,205,627	178,466
Arizona.....	76,231	27,420	48,811	178.0	17,734,259	22,063,101	15,720,011	20,119,939	2,014,248	1,933,112
<b>PACIFIC:</b>										
California.....	124,023	21,444	102,579	478.4	26,206,637	10,577,435	22,878,971	9,237,182	3,327,666	1,340,253

<sup>1</sup> Production for 1929 as reported; production computed for 1919.





# INDIVIDUAL CROPS

**Sugar and sirup crops.**—Sugar and related products are obtained, in the United States, from widely different sources: Sweet sorghums, sugarcane, sugar beets, and maple trees. Ordinary sugar is derived from sugarcane and sugar beets. The 1930 general farm schedule called for the acreage and production (tons) of sugarcane for sugar or for sale to mills, the acreage and production (gallons) of sugarcane for sirup, the acre-

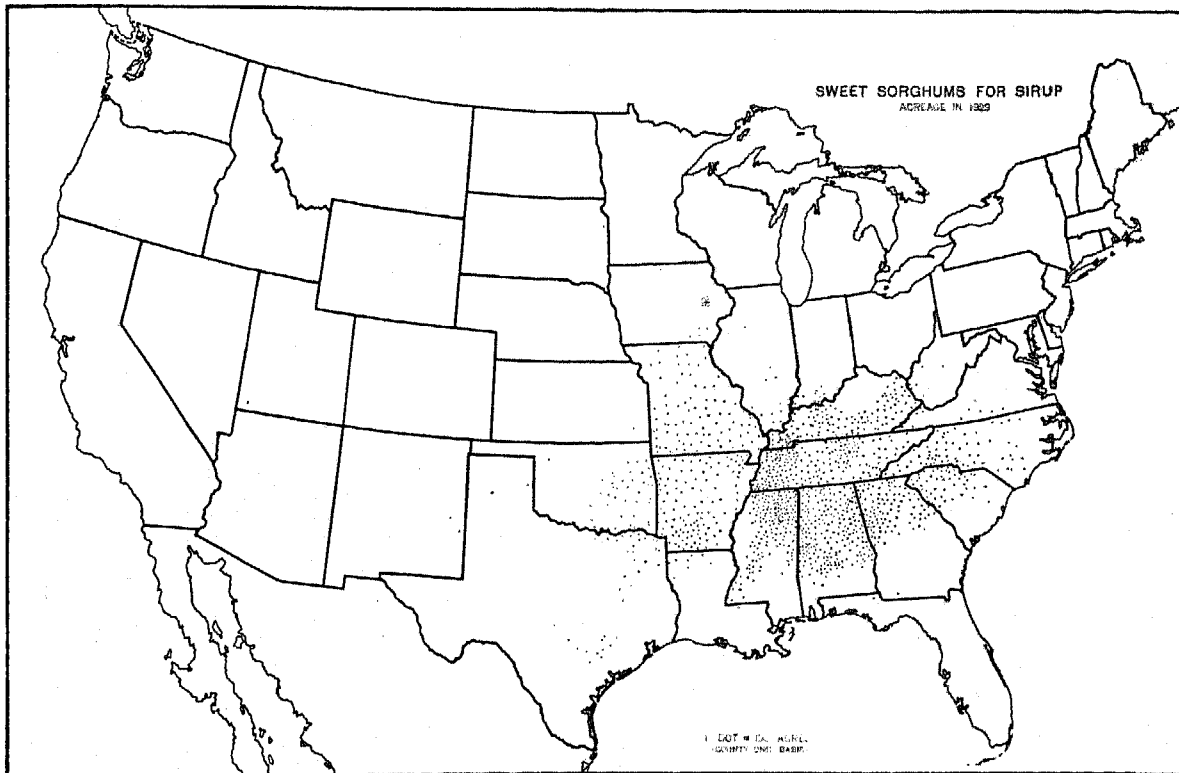
age and production of sweet sorghums for sirup, and the production of maple sugar and maple sirup. The production of sugarcane for sugar is now confined almost entirely to Louisiana. The acreage and value of sugarcane for unspecified purposes, such as seed and direct consumption by man or animals, is included with "Other crops."

**TABLE 66.—SUGARCANE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, FOR SPECIFIED PURPOSES, 1929; AND ACREAGE, 1909 TO 1929; BY STATES**

STATE	FOR SIRUP, 1929				FOR SUGAR OR FOR SALE TO MILLS, 1929				ACREAGE OF SUGARCANE			
	Farms reporting	Acreage	Production (gallons)	Value	Farms reporting	Acreage	Production (tons)	Value	1929	1924	1919	1909
United States.....	196,423	96,224	15,168,623	\$12,071,351	6,717	195,223	2,992,127	\$11,261,157	291,447	326,888	372,938	476,849
North Carolina.....	812	247	26,805	24,662					247			294
South Carolina.....	15,721	4,590	539,406	401,770					4,590	1,802	5,537	7,053
Georgia.....	53,064	28,550	4,783,069	3,550,501					28,550	21,868	41,558	37,046
Florida.....	14,408	10,431	1,857,152	1,361,096					10,431	12,349	20,413	12,928
Alabama.....	43,582	17,856	2,076,388	1,805,330					17,856	11,216	25,302	27,211
Mississippi.....	43,113	16,909	3,240,122	2,614,668					16,909	6,751	25,256	24,861
Arkansas.....	1,400	618	65,555	73,809					618	324	2,406	3,330
Louisiana.....	15,593	10,171	1,736,907	1,279,047	6,717	195,223	2,992,127	11,261,157	205,394	265,157	234,049	329,684
Oklahoma.....	44	43	3,390	3,192					43			(*)
Texas.....	8,686	6,719	830,859	897,276					6,719	6,921	18,407	34,315
New Mexico.....											10	111
Arizona.....												16

\* Does not include the acreage of sugarcane for seed and other purposes not specified.

† Less than 1 acre.



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TABLE 67.—SWEET SORGHUM FOR SIRUP—FARMS REPORTING, ACREAGE, PRODUCTION, VALUE, AND AVERAGE YIELD PER ACRE, BY DIVISIONS AND STATES: 1929, 1919, AND 1909

DIVISION AND STATE	FARMS REPORTING			ACREAGE			PRODUCTION (GALLONS)			VALUE			AVERAGE YIELD PER ACRE (GALLONS)		
	1929	1919	1909	1929	1919	1909	1929	1919	1909	1929	1919	1909	1929	1919	1909
United States.....	189,184	560,057	399,297	136,143	452,043	328,352	8,294,231	21,523,025	16,532,382	\$7,341,453	\$24,506,228	\$7,963,499	61	45	51
GEOGRAPHIC DIVISIONS:															
New England.....															
Middle Atlantic.....	11	182	105	6	179	72	241	6,201	2,034	262	8,578	2,232	40	39	37
East North Central.....	7,280	61,256	62,195	4,889	34,042	33,835	321,357	1,728,178	2,467,472	356,397	2,553,651	1,213,409	66	51	73
West North Central.....	11,438	54,479	49,880	12,612	48,746	50,590	802,221	2,253,598	2,461,986	849,431	2,919,222	1,218,697	64	46	49
South Atlantic.....	47,741	155,481	104,604	26,457	111,962	58,142	1,608,600	5,275,563	3,176,114	1,422,339	5,745,496	1,556,987	61	47	55
East South Central.....	99,295	200,600	134,216	69,291	190,257	130,894	4,510,730	8,186,061	6,241,739	3,777,841	8,755,093	2,893,901	65	43	48
West South Central.....	23,163	86,801	47,915	22,207	94,426	52,039	992,179	3,902,039	2,150,553	875,538	4,279,733	1,052,162	45	41	41
Mountain.....	223	1,030	349	563	1,766	704	47,128	102,041	35,546	47,388	140,178	22,053	84	58	50
Pacific.....	33	228	33	118	745	76	11,775	69,344	6,338	12,257	104,277	4,048	100	93	83
NEW ENGLAND:															
Maine.....															
New Hampshire.....															
Vermont.....															
Massachusetts.....															
Rhode Island.....															
Connecticut.....															
MIDDLE ATLANTIC:															
New York.....		8	1		4	10		218	14		262	7		55	1
New Jersey.....		2	2		6	(1)		300	35		360	27		50	(1)
Pennsylvania.....	11	172	102	6	149	62	241	5,683	2,585	262	7,956	2,198	40	38	42
EAST NORTH CENTRAL:															
Ohio.....	1,751	12,217	11,791	634	5,464	4,578	47,342	290,059	354,131	57,620	435,110	177,020	75	53	77
Indiana.....	2,503	21,663	21,856	1,825	12,307	11,829	130,093	681,190	965,080	123,704	987,729	449,968	66	55	82
Illinois.....	2,375	15,813	21,909	2,063	10,654	14,846	134,358	527,981	977,238	147,229	765,578	490,569	65	60	66
Michigan.....	69	1,665	1,223	78	711	338	3,396	21,671	21,350	4,962	33,591	12,820	44	30	63
Wisconsin.....	582	9,898	5,416	289	4,906	2,244	16,168	267,277	139,667	22,882	331,043	83,026	56	42	62
WEST NORTH CENTRAL:															
Minnesota.....	285	3,617	3,661	403	1,974	1,670	30,314	128,227	145,934	35,391	185,922	80,718	75	65	87
Iowa.....	1,338	12,544	5,011	2,559	9,968	4,996	287,702	587,712	250,205	333,695	822,798	139,293	111	59	50
Missouri.....	9,577	36,701	39,333	8,878	33,771	37,476	448,788	1,414,222	1,788,391	445,660	1,767,792	876,970	51	42	48
North Dakota.....			2			3						76			34
South Dakota.....	4	24	40	2	34	51	135	1,738	2,030	149	1,912	1,269	68	51	40
Nebraska.....	50	377	191	143	664	336	8,514	34,609	14,644	8,514	44,996	7,997	60	52	44
Kansas.....	184	1,216	1,642	597	2,335	6,068	26,798	87,090	260,650	20,122	95,802	112,374	45	37	43
SOUTH ATLANTIC:															
Delaware.....		158	116		88	65		2,660	4,517		2,660	2,231		30	69
Maryland.....		143	64		74	30		2,705	1,782		2,841	840		37	50
District of Columbia.....															
Virginia.....	3,933	20,111	16,696	1,956	13,450	8,130	118,421	598,774	441,189	111,318	658,059	217,634	61	45	54
West Virginia.....	2,482	11,900	16,719	1,310	8,439	8,607	87,606	451,875	604,201	93,617	564,861	300,188	67	54	70
North Carolina.....	13,278	45,151	41,080	6,726	30,624	20,662	467,255	1,397,980	1,099,346	432,270	1,467,880	524,007	69	46	53
South Carolina.....	9,173	28,659	8,792	5,231	20,431	6,131	272,319	960,206	262,452	210,326	945,218	131,833	52	44	43
Georgia.....	18,702	47,899	20,948	11,087	37,311	14,170	649,401	1,820,165	740,450	561,037	2,002,189	370,773	59	49	52
Florida.....	173	1,460	189	147	1,485	347	13,598	101,198	22,177	7,771	101,198	8,831	93	68	64
EAST SOUTH CENTRAL:															
Kentucky.....	14,946	48,193	50,970	12,196	49,968	52,858	662,523	2,044,098	2,733,683	627,133	2,248,510	1,216,426	54	41	52
Tennessee.....	22,961	46,054	42,416	18,866	49,131	45,410	1,138,720	1,917,293	2,076,339	1,082,093	2,070,674	981,497	60	39	46
Alabama.....	34,940	62,093	23,034	21,552	52,406	16,107	1,356,484	2,429,302	809,361	1,056,985	2,550,769	398,934	63	46	50
Mississippi.....	26,448	44,260	17,796	16,677	38,782	16,519	1,363,063	1,795,368	622,356	1,011,630	1,885,140	297,044	81	46	38
WEST SOUTH CENTRAL:															
Arkansas.....	12,901	39,073	28,295	11,748	41,424	27,532	539,400	1,438,748	1,140,532	604,573	1,654,562	563,851	46	35	41
Louisiana.....	1,734	2,061	1,651	1,012	1,610	1,362	51,947	76,003	47,029	37,552	77,004	21,227	51	43	34
Oklahoma.....	2,641	11,747	7,313	4,303	15,863	12,940	155,446	704,083	514,807	133,428	774,496	262,771	36	45	40
Texas.....	5,887	33,920	10,656	5,144	35,589	10,175	244,386	1,680,205	448,185	199,985	1,773,071	214,313	48	47	44
MOUNTAIN:															
Montana.....			6			4			223			150			56
Idaho.....	8	30	8	15	92	4	585	4,319	407	585	6,047	332	39	47	102
Wyoming.....		2			4			85			119			21	
Colorado.....	6	38	24	9	65	47	595	2,528	2,547	505	3,415	1,804	66	39	54
New Mexico.....	122	596	98	306	967	211	22,308	39,081	5,289	22,308	46,899	3,332	61	40	26
Arizona.....	26	99	49	42	198	88	2,487	10,461	3,967	2,737	15,094	3,068	59	53	45
Utah.....	59	241	152	129	419	336	21,058	44,404	21,847	21,058	60,008	12,671	163	106	65
Nevada.....	2	24	12	2	21	14	95	1,163	1,266	105	1,396	790	48	55	90
PACIFIC:															
Washington.....	12	29	8	33	27	12	4,224	1,285	634	4,224	1,928	677	128	48	53
Oregon.....	16	121	17	52	158	19	2,070	5,080	1,374	2,284	7,886	1,131	40	32	72
California.....	5	78	8	33	560	45	5,475	62,973	4,330	5,749	94,463	2,340	166	112	96

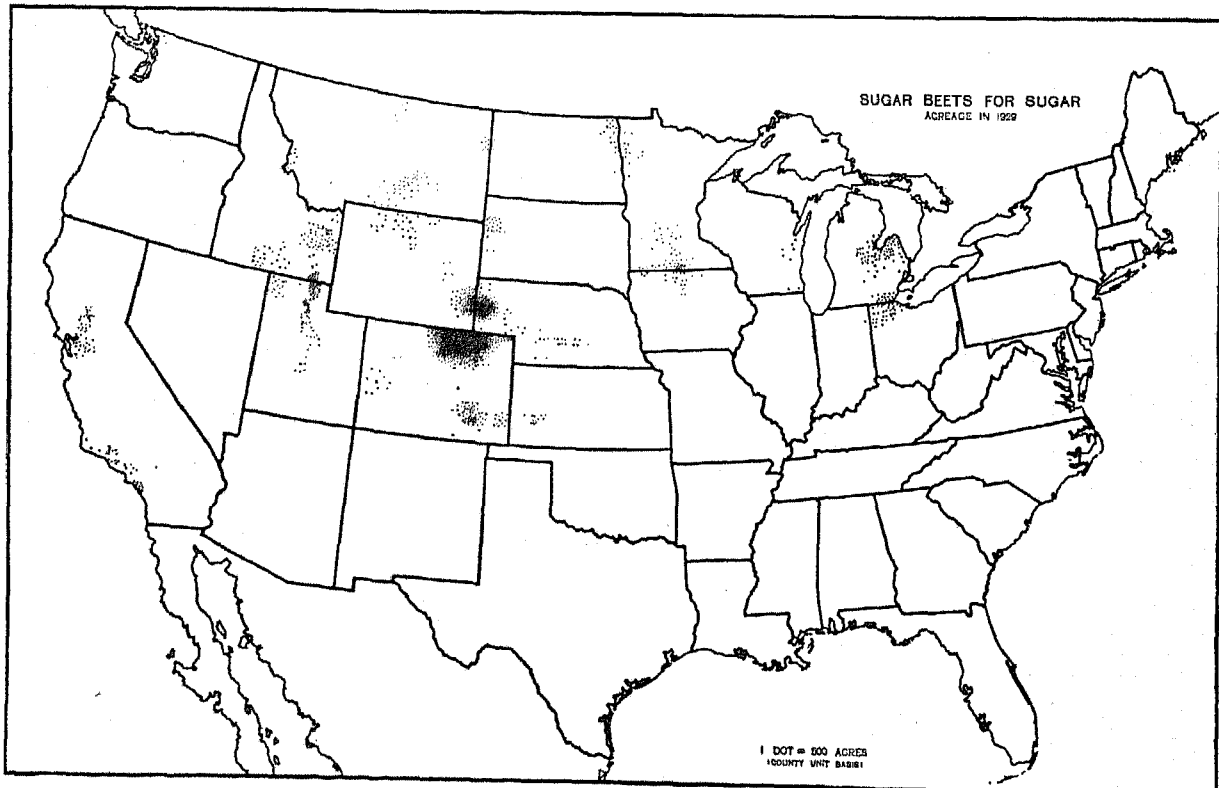
(1) Less than 1 acre.



AGRICULTURE

TABLE 69.—SUGAR BEETS FOR SUGAR—FARMS REPORTING, ACREAGE, PRODUCTION, VALUE, AND AVERAGE YIELD PER ACRE, BY DIVISIONS AND STATES: 1929, 1924, AND 1919

DIVISION AND STATE	FARMS REPORTING			ACREAGE			PRODUCTION (TONS)			VALUE			AVERAGE YIELD PER ACRE (TONS)		
	1929	1924	1919	1929	1924	1919	1929	1924	1919	1929	1924	1919	1929	1924	1919
United States.....	35,155	47,543	47,211	643,797	742,984	636,434	7,134,987	8,989,249	5,993,409	\$51,036,671	\$55,754,461	\$66,061,989	11.08	9.41	9.42
<b>GEOGRAPHIC DIVISIONS:</b>															
East North Central.....	9,058	21,123	23,220	70,610	186,762	159,697	535,041	1,408,106	1,606,282	4,163,540	11,312,081	17,954,729	7.58	7.54	10.06
West North Central.....	5,043	4,025	2,350	154,426	111,733	67,792	1,580,834	1,144,976	652,356	11,065,839	8,435,265	6,883,608	10.24	10.25	9.62
West South Central.....		25			353			1,557			12,466			4.41	
Mountain.....	20,460	21,469	19,644	377,411	377,419	315,267	4,550,433	3,786,324	3,020,602	32,376,901	29,076,414	32,033,801	12.06	9.98	9.58
Pacific.....	294	901	1,997	41,350	66,717	93,688	468,679	668,106	714,049	3,430,391	6,318,245	9,179,791	11.33	10.02	7.62
<b>EAST NORTH CENTRAL:</b>															
Ohio.....	1,883	4,148	3,684	17,693	46,767	33,561	158,263	347,546	365,415	1,203,159	2,780,368	3,836,861	8.94	7.43	10.89
Indiana.....	236	608	622	1,859	6,592	4,119	15,623	44,314	44,455	116,016	354,512	444,550	8.40	6.72	10.79
Illinois.....	108	481	607	969	3,231	2,830	8,780	32,536	34,654	63,215	228,979	381,194	9.06	10.07	12.26
Michigan.....	5,648	12,876	14,812	43,683	112,279	106,430	299,913	867,356	1,025,550	2,395,161	7,112,200	11,793,836	6.87	7.73	9.63
Wisconsin.....	1,163	3,010	3,495	6,466	17,593	12,737	52,462	116,444	136,208	385,989	836,022	1,408,288	8.19	6.51	10.09
<b>WEST NORTH CENTRAL:</b>															
Minnesota.....	1,612	1,663	426	33,175	26,115	3,509	271,975	223,126	25,507	1,903,826	1,561,882	255,070	8.20	8.54	7.27
Iowa.....	468	476	309	11,594	12,169	7,009	94,468	106,415	52,338	601,276	744,905	601,889	8.15	8.74	7.47
North Dakota.....	289	139		8,249	2,664		59,104	24,474		413,728	189,728		7.16	9.55	
South Dakota.....	355	63	51	11,333	2,051	1,106	120,993	16,913	11,953	846,951	118,391	119,530	10.08	8.25	10.81
Nebraska.....	2,167	1,540	1,531	83,926	61,590	54,486	953,523	716,476	554,646	6,884,661	5,359,783	5,823,786	11.72	11.63	10.18
Kansas.....	152	204	33	6,149	7,244	1,682	50,771	57,572	7,942	355,397	460,576	83,393	8.26	7.95	4.72
<b>WEST SOUTH CENTRAL:</b>															
Louisiana.....		25			353			1,557			12,466			4.41	
<b>MOUNTAIN:</b>															
Montana.....	1,451	1,223	478	34,916	32,589	8,600	361,752	333,110	73,824	2,673,030	2,664,880	812,064	10.36	10.22	8.58
Idaho.....	4,110	3,463	2,760	47,814	38,881	37,334	827,257	260,574	200,309	3,964,433	1,954,310	2,733,248	11.03	6.70	6.97
Wyoming.....	1,256	823	386	44,353	23,316	9,935	492,229	230,673	96,994	3,528,989	1,791,799	1,018,438	11.10	9.89	9.76
Colorado.....	8,368	8,297	7,604	209,835	205,647	165,840	2,620,823	2,387,287	1,658,167	18,345,761	19,097,014	17,410,769	12.49	11.61	10.00
New Mexico.....	30	102	18	389	1,419	189	3,061	6,144	971	21,567	54,386	10,681	7.92	4.33	6.14
Utah.....	5,245	7,561	8,398	40,104	75,567	93,359	545,291	548,536	930,427	3,853,121	4,114,025	10,048,611	13.60	7.26	9.97
<b>PACIFIC:</b>															
Washington.....	242	214	484	1,506	1,287	5,363	15,861	8,263	40,386	111,027	57,841	500,989	10.53	6.42	8.66
Oregon.....			25			68			797		9,564				11.72
California.....	352	687	1,488	39,844	65,430	88,257	452,816	659,933	660,866	3,319,364	6,260,404	8,069,258	11.36	10.09	7.56



# INDIVIDUAL CROPS

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Minor, medicinal, and miscellaneous crops.—Under these headings are included a variety of crops of relatively small importance to the country as a whole, but often of considerable importance to certain sections or counties. These crops are grouped not in accordance with any relationship to each other nor with regard to any geographic distribution, but in a way that comparative data may be presented easily. Pop corn was

classified in 1919 as a vegetable, hence production data are not available for that year.

These crops were not specifically listed on the general farm schedules in 1930 or 1920, hence it was necessary for the enumerators to write in the name of each crop. This may have affected the completeness of returns. However, in localities where these crops are of considerable importance, the returns are fairly satisfactory.

**TABLE 70.—SPECIFIED MINOR CROPS—FARMS REPORTING AND VALUE, 1929 AND 1919; AND ACREAGE AND PRODUCTION, 1889 TO 1929; BY STATES**

CROP AND STATE	FARMS REPORTING		ACREAGE					PRODUCTION (POUNDS)					VALUE	
	1929	1919	1929	1919	1909	1899	1889	1929	1919	1909	1899	1889	1929	1919
<b>Broomcorn, total</b> .....	<b>8,637</b>	<b>44,285</b>	<b>311,648</b>	<b>337,806</b>	<b>326,102</b>	<b>178,584</b>	<b>93,423</b>	<b>65,195,978</b>	<b>113,031,132</b>	<b>78,959,958</b>	<b>80,947,370</b>	<b>38,558,329</b>	<b>85,675,956</b>	<b>87,845,163</b>
Massachusetts.....					2	11	1			2,110	7,050	840		
Connecticut.....	1	1	2	( <sup>1</sup> )	( <sup>1</sup> )			445	100			543	24	7
New York.....		18		3	2	356	993		9,709	1,001	201,070	450,350		255
New Jersey.....		11		14	11	11	6		2,809	6,760	4,810	3,010		799
Pennsylvania.....	118	3,715	47	946	108	221	57	18,810	294,567	45,552	114,610	36,319	1,166	23,567
Ohio.....	29	1,710	52	735	170	802	1,574	36,001	346,112	62,292	537,160	801,957	1,983	24,228
Indiana.....	21	973	166	613	323	815	413	67,950	245,782	153,259	384,170	157,231	4,685	28,493
Illinois.....	772	1,461	21,403	16,409	38,452	95,137	34,340	10,753,085	9,244,739	19,309,425	60,665,520	15,932,502	837,596	1,108,364
Michigan.....	1	20	( <sup>1</sup> )	27	4	51	11		2,200	2,200	23,620	5,079	12	1,139
Wisconsin.....		10		11	28	64	157		5,105	14,830	38,850	92,468		461
Minnesota.....	3	15	12	7	13	149	80	4,400	3,225	10,259	76,900	42,090	308	291
Iowa.....	12	139	19	168	156	2,220	1,108	13,850	103,250	75,370	1,178,130	567,072	1,039	11,358
Missouri.....	148	2,650	987	3,072	5,339	10,219	2,618	291,805	700,351	1,774,536	3,693,370	1,051,139	16,678	56,026
North Dakota.....					18	3				7,250	2,000			
South Dakota.....	3	15		89	64	239	237	4,800	28,850	35,400	100,570	117,200	326	2,308
Nebraska.....	5	39	159	509	458	6,627	16,792	84,800	170,886	187,146	2,733,290	6,514,763	4,674	11,963
Kansas.....	700	569	49,872	11,447	41,004	34,383	30,717	13,946,431	3,525,370	8,768,853	11,813,310	10,809,434	777,574	246,778
Delaware.....		98		9	13	4	14		4,711	4,198	3,660	2,430		118
Maryland.....	3	712	2	234	19	93	8	634	66,557	18,599	35,910	3,368	37	5,639
Virginia.....	40	2,046	39	360	107	1,702	140	33,867	116,045	40,016	663,390	43,159	1,761	6,909
West Virginia.....		1,913		1	45	82	31	400	39,989	30,456	32,570	13,743	23	2,398
North Carolina.....	78	516	17	71	15	67	15	6,634	23,795	6,493	30,490	6,155	318	1,432
South Carolina.....	1	19	1	2	2	21	54	300	985	11,280	14,463	14	59	
Georgia.....	8	446	20	160	22	31	33	8,265	52,811	7,067	18,100	7,989	847	2,644
Florida.....						84	171					3,390		196,820
Kentucky.....	55	3,575	50	353	342	839	195	21,640	117,545	157,286	384,550	92,063	1,126	7,658
Tennessee.....	277	6,138	389	2,247	1,348	3,444	1,439	114,918	784,055	347,064	1,015,460	409,436	5,709	50,961
Alabama.....	51	825	28	295	62	152	61	8,957	57,522	17,910	56,290	25,698	405	2,705
Mississippi.....	22	426	38	309	154	214	41	17,993	88,081	60,574	143,750	24,776	863	5,286
Arkansas.....	44	2,038	190	911	332	879	135	124,648	282,892	106,576	304,690	52,701	7,729	22,628
Louisiana.....	21	480	47	207	320	107	24	18,939	68,313	92,208	41,120	11,420	987	4,098
Oklahoma <sup>1</sup> .....	3,985	11,108	124,900	232,733	216,350	12,763	59	35,876,032	71,592,015	42,741,725	3,595,510	16,550	2,190,767	5,011,446
Texas.....	409	2,295	10,009	39,748	9,448	3,743	696	2,963,347	14,285,432	2,368,490	1,638,150	315,741	175,327	714,286
Idaho.....	4	8	11	17	2	1	13	9,400	7,143		300	4,240	451	429
Wyoming.....		2		15					6,015					361
Colorado.....	904	556	64,248	10,588	5,631	1,241	301	18,399,153	4,629,360	1,187,791	226,550	60,165	981,413	259,244
New Mexico.....	898	602	38,636	13,113	4,470	14	102	12,310,950	5,275,998	644,892	5,800	24,500	659,320	263,801
Arizona.....	3	8	23	50	14	30		8,000	19,021	6,000	21,100		473	1,331
Utah.....		4		23	( <sup>1</sup> )	19	16		12,000	200	4,830	14,000		600
Washington.....		4		4	183	67	55		1,675	45,040	20,000	22,000		101
Oregon.....	1	6	3	7				300	2,500				16	176
California.....	5	67	114	2,178	1,023	1,669	815	48,360	792,026	614,250	1,146,000	611,975	2,805	63,361
<b>Hemp, total</b> .....	<b>122</b>	<b>573</b>	<b>1,844</b>	<b>7,252</b>	<b>7,647</b>	<b>16,042</b>	<b>24,381</b>	<b>1,195,640</b>	<b>7,148,215</b>	<b>7,483,295</b>	<b>11,750,630</b>	<b>25,636,880</b>	<b>90,394</b>	<b>1,176,037</b>
Maine.....					15					25,000				
Pennsylvania.....					( <sup>1</sup> )	3				7,192	3,850			
Ohio.....	21			1,574					2,172,652					434,531
Indiana.....	9			289	335				195,600	395,467				29,340
Illinois.....	1	1	185	60	( <sup>1</sup> )	783	1,178	150,000	60,000	50	515,400	1,245,440	17,100	9,000
Michigan.....	1	3	5	244				4,629	255,666				463	38,350
Wisconsin.....	113	432	1,218	3,314	7			820,414	2,983,124	6,510			49,224	440,720
Minnesota.....		20		293					195,119					29,286
Missouri.....					15	10	79			5,500	2,000	69,440		
North Dakota.....	2	22		373					396,276					59,440
South Dakota.....		15	3	252				3,000	203,513				288	31,431
Nebraska.....						638	134					305,400	118,800	
Maryland.....					( <sup>1</sup> )					723				
Virginia.....					2					2,600				
Kentucky.....	5	44	233	721	6,855	14,107	23,468	217,000	583,121	6,420,232	10,303,560	24,178,560	23,219	81,638
Tennessee.....					( <sup>1</sup> )					121				
Mississippi.....		4		19					5,124					769
Arkansas.....						1					420			
Louisiana.....					( <sup>1</sup> )					20				
Oklahoma.....					40					3,530				
Colorado.....					77					15,300				
New Mexico.....					1					50				
California.....		2		113	300	500	22		137,000	600,000	620,000	24,640		20,550

<sup>1</sup> Less than 1 acre.

<sup>2</sup> Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone, no data being available for Indian Territory.

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TABLE 70.—SPECIFIED MINOR CROPS—FARMS REPORTING AND VALUE, 1929 AND 1919; AND ACREAGE AND PRODUCTION, 1889 TO 1929; BY STATES—Continued

CROP AND STATE	FARMS REPORTING		ACREAGE					PRODUCTION (POUNDS)					VALUE	
	1929	1919	1929	1919	1909	1899	1889	1929	1919	1909	1899	1889	1929	1919
Hops, total.....	741	683	23,302	15,954	44,633	55,613	50,190	31,237,463	19,760,793	40,718,748	49,209,701	39,152,220	\$3,749,372	\$10,364,464
Maine.....						(1)	37				60	24,873		
New Hampshire.....						(1)	15				60	9,033		
Vermont.....						6	81				4,400	51,705		
Massachusetts.....					(1)		2			20	7,480	800		
Rhode Island.....						(1)					40			
Connecticut.....					(1)					15				
New York.....	5	162	17	1,024	12,623	27,532	36,670	7,920	723,824	8,677,138	17,332,340	20,063,029	1,267	535,020
New Jersey.....					(1)	13	4		69	2,205	13,710	1,500		39
Pennsylvania.....		19		(1)	(1)	15	3			2,428	2,910			
Ohio.....				(1)	(1)	1	29		224	56	640	10,464		45
Indiana.....		8		(1)	(1)	2	44			86	690	22,300		
Illinois.....					(1)	10	121			58	3,560	64,815		
Michigan.....					30	342	967			13,290	165,346	428,547		
Wisconsin.....					(1)	(1)	2			372	51	500		
Minnesota.....					(1)	(1)				2,625	120			
Iowa.....				1	2	1	1		1,264	296	383	310		252
Missouri.....		35				(1)				50				
South Dakota.....					(1)	(1)				104	50			508
Nebraska.....		1		16	(1)	(1)			3,175	10				
Kansas.....					4					28				
Delaware.....					7	(1)				461	220			
Maryland.....					6	(1)				4,039	165			
Virginia.....				(1)	(1)	1			49	257	662			27
West Virginia.....		7												
North Carolina.....					1	(1)				763	85			
Kentucky.....					6	4				4,005	1,668			
Tennessee.....		21		27	(1)	(1)			12,571	220	307			5,028
Alabama.....					2	1				100	440			
Mississippi.....						(1)					15			
Arkansas.....							1				530			
Louisiana.....					(1)					5				
Texas.....		8		10					5,520					828
Idaho.....						(1)	63			110	58,870			
Arizona.....							1				600			
Utah.....		1		(1)		(1)				58				29
Nevada.....						(1)					100			
Washington.....	160	76	2,814	1,129	2,433	5,296	5,113	4,877,930	1,615,761	3,432,594	6,813,830	8,313,280	632,910	727,092
Oregon.....	483	207	16,327	5,629	21,770	15,433	3,130	18,445,663	4,788,223	10,532,562	14,075,577	3,613,726	2,195,539	2,537,768
California.....	93	144	4,144	8,118	8,391	6,890	3,974	7,905,965	12,610,055	11,994,933	10,124,660	6,547,338	809,656	6,567,220

1 Less than 1 acre.

TABLE 71.—MEDICINAL CROPS<sup>1</sup>—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY STATES, 1929

STATE	Farms reporting	Acreage	Production (pounds)	Value	STATE	Farms reporting	Acreage	Production (pounds)	Value
United States.....	651	1,469	264,955	\$817,285					
Vermont.....	1	(1)	45	101	South Dakota.....	1	1	120	\$168
Connecticut.....	1	(1)	83	830	Maryland.....	150	384	16,053	44,140
New York.....	12	26	4,927	14,615	West Virginia.....	1	1	10	50
Pennsylvania.....	12	17	2,032	10,519	North Carolina.....	9	3	957	2,612
Ohio.....	18	23	1,785	12,180	Georgia.....	1	2	250	525
Indiana.....	3	27	361	3,028	Kentucky.....	12	4	794	1,765
Illinois.....	8	35	20,391	4,440	Tennessee.....	4	5	398	1,143
Michigan.....	44	325	10,494	96,052	Arkansas.....	129	41	9,685	22,836
Wisconsin.....	136	248	36,345	378,679	Utah.....	1	1	300	900
Minnesota.....	17	73	12,674	111,831	Washington.....	24	40	29,839	57,519
Iowa.....	6	39	446	4,134	Oregon.....	22	15	3,056	14,049
Missouri.....	15	11	1,585	11,739	California.....	24	139	112,275	22,283

<sup>1</sup> Includes ginseng, golden seal, warm seed, etc.<sup>2</sup> Less than 1 acre.

# INDIVIDUAL CROPS

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TABLE 72.—MISCELLANEOUS CROPS<sup>1</sup>—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1929 AND 1919

CROP AND STATE	FARMS REPORTING		ACREAGE		PRODUCTION		VALUE	
	1929	1919	1929	1919	1929	1919	1929	1919
<b>Cassava, total</b> .....	3	28	4	123	<i>Pounds</i> 7,200	<i>Pounds</i> 783,702	\$442	\$3,918
Florida.....	3		4		7,200		442	
California.....		29		123		783,702		3,918
<b>Chicory, total</b> .....	782	480	3,879	1,784	<i>Pounds</i> 34,175,089	<i>Pounds</i> 18,196,063	184,355	90,980
New Jersey.....	1		3		50,000		500	
Illinois.....	1		6		61,700		370	
Michigan.....	774	480	3,909	1,784	32,922,183	18,196,063	186,668	90,980
California.....	16		61		1,141,206		6,847	
<b>Chufas, total</b> .....	127	280	458	917	<i>Bushels</i> 7,871	<i>Bushels</i> 16,638	28,854	64,712
North Carolina.....	16	21	23	31	256	578	1,118	2,312
South Carolina.....	1		1		5		21	
Georgia.....	32	29	167	105	2,030	1,625	8,544	5,689
Florida.....	60	200	306	709	4,915	12,819	17,275	51,240
Alabama.....	1	13	1	47	30	848	107	2,758
Mississippi.....	17	17	20	28	605	775	1,784	2,713
<b>Mint (oil), total</b> .....	3,006	767	51,092	11,210	<i>Pounds</i> 882,856	<i>Pounds</i> 288,254	2,631,030	1,440,825
New York.....	3		12	9	550	745	1,485	2,980
Ohio.....	9		140	160	2,465	1,200	7,101	6,000
Indiana.....	1,980	407	35,913	7,167	508,848	171,065	1,546,115	865,425
Michigan.....	707	342	11,141	3,878	226,134	113,135	678,402	665,675
Arkansas.....	1		2		133		396	
Idaho.....	2		19		800		2,200	
Washington.....	113		846		28,732		78,575	
Oregon.....	160	14	2,285	116	84,333	2,080	231,917	10,446
California.....	31		734		30,861		84,889	
<b>Pop corn,<sup>2</sup> total</b> .....	8,958	5,914	33,487	50,778	<i>Bushels</i> 806,639	<i>Bushels</i> 1,877,480	3,159,804	3,159,804
Maine.....	40	15	14	6	726	2,615	1,189	1,189
New Hampshire.....	15	26	12	10	294	1,044	3,490	3,490
Vermont.....	34	41	21	40	911	3,553	6,213	6,213
Massachusetts.....	45	49	23	44	874	3,493	11,718	11,718
Rhode Island.....	6	2	11	4	479	1,700	460	460
Connecticut.....	14	11	24	14	809	2,767	1,025	1,025
New York.....	395	429	243	394	7,049	22,194	42,264	42,264
New Jersey.....	6		3		82	288		
Pennsylvania.....	142	86	89	43	1,780	5,806	6,726	6,726
Ohio.....	538	321	1,005	551	29,069	62,778	61,303	61,303
Indiana.....	337	136	428	766	8,889	21,432	24,483	24,483
Illinois.....	676	263	1,260	1,663	27,894	75,594	142,080	142,080
Michigan.....	521	697	1,752	1,745	34,595	58,812	103,010	103,010
Wisconsin.....	149	145	101	179	2,268	5,295	13,011	13,011
Minnesota.....	139	130	352	215	7,383	14,266	20,891	20,891
Iowa.....	1,218	1,871	16,678	32,642	449,378	816,418	2,101,256	2,101,256
Missouri.....	761	121	436	350	5,763	14,609	16,772	16,772
North Dakota.....	5	4	4	4	75	171	705	705
South Dakota.....	90	102	1,392	1,508	26,353	46,500	88,006	88,006
Nebraska.....	478	462	8,649	7,914	109,284	199,523	311,822	311,822
Kansas.....	529	189	3,473	771	46,785	110,979	40,407	40,407
Maryland.....	2		1		13	42		
Virginia.....	27	4	19	1	374	790	245	245
West Virginia.....	93	1	22	(*)	457	1,123	15	15
North Carolina.....	89	3	47	4	700	1,790	295	295
South Carolina.....	35	2	29	3	502	1,449	352	352
Georgia.....	172	6	143	17	2,511	6,465	1,099	1,099
Florida.....	3		2		49	125		
Kentucky.....	106	39	73	11	1,103	2,767	1,316	1,316
Tennessee.....	342	68	81	43	1,701	4,356	1,680	1,680
Alabama.....	396	5	148	1	2,697	7,147	170	170
Mississippi.....	133	3	24	3	431	1,196	180	180
Arkansas.....	318	29	241	16	3,471	7,911	892	892
Louisiana.....	145	66	66	6	1,299	4,069	245	245
Oklahoma.....	258	87	443	103	8,703	19,673	7,111	7,111
Texas.....	232	121	116	88	1,648	3,858	3,512	3,512
Montana.....	7	7	88	9	1,182	3,468	332	332
Idaho.....	50	47	236	244	7,026	19,673	16,238	16,238
Wyoming.....	7		11		99	220		
Colorado.....	131	125	622	727	8,715	14,397	74,114	74,114
New Mexico.....	26	77	68	139	876	1,830	8,061	8,061
Arizona.....	7	6	5	2	71	178	147	147
Utah.....	29	6	19	7	534	1,312	1,268	1,268
Washington.....	44	30	95	83	3,080	9,240	6,699	6,699
Oregon.....	54	25	36	60	568	2,604	3,043	3,043
California.....	16	77	39	408	700	2,174	29,380	29,380
<b>Flax for fiber, total</b> .....	297		3,903		<i>Tons</i> 6,688	<i>Tons</i> 205,514		
Michigan.....	51		337		364	1,110		
Virginia.....	22		356		736	13,400		
Oregon.....	224		3,210		5,788	191,004		

<sup>1</sup> Willows and "Other crops" not included. The figures for the United States are as follows: Willows—30 farms reporting 56 acres, and 53 tons valued at \$5,345, in 1929; and 40 farms reporting 255 acres, and 476 tons valued at \$30,180, in 1919; "Other crops"—7,554 farms reporting 33,004 acres, and production valued at \$1,822,355 in 1929.

<sup>2</sup> Production not available in 1919.      \* Less than 1 acre.