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Colorado Cooperative Crop Reporting Service

(State and Federal)

U. S. Department of Agriculture
Bureau of Crop Estimates
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Final estimates made by the Colorado Cooperative Crop Reporting Service place the area of all crops harvested in Colorado in 1919, exclusive of orchards, at 5,478,628 acres, compared with 5,191,271 acres in 1918. The figures for 1919 are based upon the reports of county assessors for all principal crops and in nearly all cases these are corrected by adding 10 per cent to the total of assessors' figures because of the incompleteness of assessors' returns. It has not been found advisable to attempt to make these corrections by counties, for the reason that the reports for some counties are much more complete than others, some of them being more than 95 per cent complete, while others apparently are less than 70 per cent complete. Tables published elsewhere in this bulletin give the actual acreage reported by assessors, by counties, for most of the principal crops, with the production by counties, based upon these acreages. The general production table published on page 2 of this Bulletin, however, gives the acreage of the various crops as corrected according to the method outlined above. Total production given in this same table is calculated upon the revised acreages, and is, of course, greater than the total production shown in the tables by counties, except in a few cases, where other conditions that will be explained elsewhere modify the figures. The total value of the various crops as given in the table on page 2 is based upon prices prevailing on or about November 1. Values of crops generally are based by the United States Bureau of Crop Estimates upon values prevailing on December 1, and the values of crops for the United States as a whole, published on pages 22 and 23, are based upon prices of that date. December 1 prices this year are higher than November 1 prices in most all cases, and if December 1 prices had been used for corn, wheat, oats, barley, rye, potatoes and hay instead of November prices the total value of Colorado crops would have been increased by approximately $2,000,000. Since December 1 pricees for all crops were not available in time, and since November 1 prices are probably nearer the average prices at which Colorado farm crops are sold, it has been thought best to use November prices for all crops in the following table.

CROP PRODUCTION AND VALUES, 1918 AND 1919.

Crop	1919 Acres	1919 Production	1919 Value	1918 Acres	1918 Production	1918 Value
Winter wheat	1,064,000	11,916,800 bu.	$ 23,476,096	925,000	9,712,500 bu.	$ 18,648,0
Spring wheat	395,000	5,727,500 bu.	11,283,175	325,000	5,687,500 bu.	10,920,0
*All wheat	1,459,000	17,644,300 bu.	34,769,271	1,250,000	15,400,000 bu.	29,568,0
Corn for grain	671,000	11,205,000 bu.	16,807,500	610,000	10,675,000 bu.	15,051,5
Oats	249,000	6,523,800 bu.	5,284,278	251,000	7,534,000 bu.	6,024,0
Barley	200,000	3,900,000 bu.	5,343,000	206,000	3,708,000 bu.	3,856,3
Rye for grain	143,000	1,258,400 bu.	1,610,752	149,000	1,043,000 bu.	1,481,0
Potatoes	92,500	11,100,000 bu.	16,317,000	99,000	15,840,000 bu.	12,355,2
Grain Sorghums for grain	149,000	2,160,500 bu.	3,348,775	92,000	1,748,000 bu.	2,552,4
Broom Corn	17,000	2,975 T.	458,150	30,000	5,250 T.	918,7
Dry Beans for market	69,300	450,000 bu.	1,485,000	252,000	1,638,000 bu.	7,207,2
Field Peas for grain	24,000	288,000 bu.	720,000	22,000	242,000 bu.	528,3
Millet Seed	45,500	455,000 bu.	600,600	35,000	350,000 bu.	455,0
Alfalfa Seed	3,030	11,975 bu.	155,675	5,005	20,500 bu.	191,2
Timothy	113,000	214,700 T.	4,744,870	117,000	234,000 T.	4,212,0
Clover	12,000	24,000 T.	504,000	11,800	23,000 T.	368,0
Timothy and Clover (mixed)	96,000	192,000 T.	4,128,000	95,000	190,000 T.	3,230,0
Alfalfa	662,000	1,721,200 T.	31,153,720	655,000	1,637,000 T.	28,156,4
Field Pea Hay	15,000	27,600 T.	414,000	12,000	25,300 T.	328,9
Sweet Clover	15,000	30,000 T.	480,000	12,000	24,000 T.	360,0
Grains cut green	110,000	137,000 T.	2,260,500	93,000	116,000 T.	1,798,0
Millet Hay	45,500	53,000 T.	991,100	35,000	41,000 T.	675,0
**All Tame Hay	1,068,500	2,399,500 T.	44,676,190	1,030,800	2,290,300 T.	39,129,7
Wild Hay	360,000	360,000 T.	6,732,000	400,000	376,000 T.	6,240,0
Dry Forage	387,000	.....	10,205,000	300,000	.....	7,250,0
Crops hogged off	193,000	.....	2,208,000	170,000	.....	1,650,0
Silage	94,000	562,800 T.	5,346,600	82,000	422,800 T.	3,805,2
Sugar Beets	185,000	1,790,000 T.	17,900,000	126,500	1,363,000 T.	13,630,0
Cabbage	4,014	40,600 T.	974,400	5,000	37,180 T.	892,3
Onions	680	170,000 bu.	323,000	735	180,000 bu.	288,0
Vegetables for canning, market garden, etc.	30,000	.....	3,000,000	29,000	.....	1,395,0
Seed Crops	24,000	.....	1,250,000	37,131	.....	1 780,0
Cantaloupes	6,104	.....	300,000	5,100	.....	250,0
Apples	.....	3,418,000 bu.	5,468,800	.....	2,511,000 bu.	3,766,5
Peaches	.....	840,000 bu.	2,268,000	.....	650,000 bu.	1,496,0
Pears	.....	311,000 bu.	715,300	.....	248,000 bu.	545,8
Cherries	.....	5,000 T.	600,000	.....	4,000 T.	400,0
Other Fruits	4,000	.....	400,000	4,000	.....	400,0
Farm Gardens and Miscellaneous	.....	.....	2,000,000	.....	.....	1,750,0
Totals	5,478,628		$191,257,291	5,191,271		$165,319,4

*Total of the two items above.

**Total of the eight items immediately above.

Corn—Reports of county assessors show a total of 956,371 acres of corn planted for all purposes in the state in 1919. Adding 10 per cent to this because of incompleteness of assessors' reports we have 1,052,000 acres as the total area devoted to corn in the state. Reports received by the Cooperative Crop Reporting Service indicate that 63.8 per cent of this was harvested for grain, 9.85 per cent cut for silage, 15.65 per cent cut for fodder alone without being husked and 10.70 per cent hogged off or abandoned. This means that about 671,000 acres of corn was harvested for grain, compared with 610,000 acres in 1918. The average yield per acre is estimated at 16.7 bushels, compared with 17.5 bushels for 1918. The average yield per acre for this crop as well as for most other crops grown in the state in 1919 was below normal, as a result of unfavorable weather conditions in some of the most important agricultural districts. It will be noted that in the table devoted to corn, published elsewhere in this volume, the production is calculated on the entire acreage, for the reason that it was impracticable to estimate accurately the acreage harvested for grains in the various counties. The actual production of corn will be found in the table published on page 2. Reports indicate that about 94,196 acres of corn was cut for silage, while the remainder was cut for fodder, hogged off or abandoned. Reports indicate that there are at the present time nearly 4,000 silos in the state, and that corn is by far more extensively used for silage than any other crop. The acreage and production of corn for the United States, as well as for all other important crops, will be found in the tables on pages 22 and 23.

Wheat—Reports of county assessors give 967,382 acres of winter wheat for the state in 1919, and 358,351 acres of spring wheat. With ten per cent added the areas devoted to these two crops are found to be 1,064,000 acres and 395,000 acres respectively. Reports of threshermen indicate that the average yield of winter wheat per acre was 11.2 bushels, and that of spring wheat 14.5 bushels. The higher yield of spring wheat is due to the fact that about 46 per cent of spring wheat was irrigated while somewhat less than 12 per cent of the winter wheat was grown under irrigation. The average yield of both winter and spring wheat was below normal, as a result of unfavorable weather conditions. It will also be noted by reference to the table published elsewhere in this Bulletin, showing average yields of grains for Colorado as reported by the census bureau in 1919, that average yields of wheat have decreased materially in the past ten years. This is due to the very rapid increase in the acreage of wheat grown without irrigation in that period, while the increase in the acreage grown under irrigation has been very small. The census bureau found 51.1 percent of the wheat harvested in the state in 1909 was grown under irrigation, while reports of county assessors show that only about 21 per cent of the entire wheat acreage was irrigated in 1919. Because of the shortage of water for irrigation in some of the important wheat growing counties a considerable amount of the wheat grown under irrigation this year did not receive nearly the amount of water required to mature it, and for that reason the average yield of irrigated wheat in these counties was much below normal. The acreage devoted to wheat in the state in 1919 was the largest on record, and the production was more than 2,000,000 bushels greater than the production for 1918, which was the largest up to that date. The total production of wheat and the value of the crop will be found in the table on page 2, as will the production and value of all other crops. The acreage devoted to this crop has increased more than 200 per cent in the past ten years.

Reports indicate that Colorado farmers have sown only 91 per cent as much winter wheat this fall as they sowed in 1918, or 978,000 acres, compared with 1,075,000 sown last fall. The acreage sown in the United States this fall was only 76.8 per cent of that sown last fall, or 38,770,000 acres, compared with 50,489,000 acres sown in 1918. Only two states, Wisconsin and New Mexico, report more winter wheat sown this fall than last, while two states, Arizona and Idaho, report the same acreage. Kansas reports a sowing of only 79 per cent.

Oats—Reports of county assessors show 226,185 acres of oats in the state in 1919, which, with 10 per cent added for incompleteness, gives a total of 249,000 acres, compared with a corrected figure of 251,000 acres in 1918. The average yield per acre, as determined from reports of threshermen and from other sources, was 26.2 bushels, compared with a corrected figure of 30 bushels for last year. Assessors' reports show that about 50 per cent of the 1919 oats crop was irrigated, compared with 69.7 per cent in 1909. The average yield per acre in 1909 was 27.7 bushels. The acreage devoted to oats in Colorado has not shown the rapid increase noticable in other crops within the past ten years. The census bureau reported 275,948 acres of oats harvested in the state in 1909, or a greater acreage than was harvested this year. The decrease is partly accounted for by the rapid increase in the acreage devoted to wheat and rye and to a less pronounced increase in the acreage devoted to barley.

Barley—Reports of county assessors place the acreage of barley grown in the state in 1919 at 181,606 acres. An increase of ten per cent for incompleteness of these reports gives approximately 200,000 acres as the area harvested. The average yield is estimated at 19.5 bushels per acre, compared with 18 bushels, the revised figure for 1918. Assessors' reports show that about 38 per cent of the acreage devoted to this crop was irrigated, while the report of the census bureau shows that 68.3 per cent of the acreage harvested in 1909 was irrigated. The census bureau found the average yield on the 71,411 acres devoted to this crop in 1909 to be 26.4 bushels per acre. This rapid increase in non-irrigated acreage devoted to the crop, with only a very slight increase in the irrigated acreage, accounts largely for the decrease in average yield. This is one of the few crops that show a decrease in acreage harvested in 1919 as compared with 1918.

Rye—Assessors' reports showed 162,705 acres devoted to rye in the state in 1919, which, increased by 10 per cent on account of incompleteness, gives a total area of 179,000 acres. Reports received by the Cooperative Crop Reporting Service indicate that approximately 80 per cent of this, or about 143,000 acres, was harvested for grain, the remainder being principally hogged off or abandoned. The table showing the acreage of rye and production by counties is based upon the assessors' figures and upon the theory that the entire acreage was harvested for grain, it being impossible to determine accurately the acreage harvested for grain in the various counties. The correct grain acreage and production will be found in the crop production table on page 2. The average yield is estimated at 8.8 bushels per acre, compared with 7 bushels last year. There has been a remarkable increase in the acreage devoted to this crop in the past ten years, the census bureau reporting but 15,715 acres for 1909. The average yield at that time as reported by the census bureau was 12.6 bushels per acre. Less than three per cent of the 1919 acreage was irrigated, compared with 5.7 per cent irrigated in 1909.

Preliminary reports indicate that farmers planted only 91 per cent as much winter rye this fall as they did in the fall of 1918. Since reports of county assessors did not designate between winter and spring rye it is impossible to determine how much of the acreage of rye harvested in 1919 was from fall planting and it is therefore impossible to estimate the acreage of fall rye sown in the state this year. This will be determined later from reports of county assessors gathered in 1920. The acreage of winter rye reported for the United States is but 76.5 per cent of that planted in the fall of 1918.

Potatoes—Reports of county assessors showed 92,502 acres of potatoes planted in 1919. Since county assesors for the most part compiled their reports in April they learned what acreage farmers proposed to plant to potatoes rather than what acreage was really planted. The spring of 1919 was unfavorable for planting potatoes in some sections of the state and for that reason farmers in many cases did not succeed in planting

all they intended to plant. For this reason it has not been thought advisable to make any addition to the acreage of potatoes as reported by county assessors, for failures to plant what it was intended to plant perhaps fully made up for any shortness of the reports of assessors. In this case the acreage shown in the table giving the county figures is the same as that appearing in the crop production table on page 2. The average yield of potatoes is estimated at 120 bushels per acre, compared with 160 bushels in 1918. The season was exceptionally unfavorable for the production of potatoes in some of the important producing sections, particularly in the northern Colorado district. Assessors' reports show that about 71.2 per cent of the acreage devoted to potatoes in 1919 was irrigated, compared with 69 per cent in 1909. Non-irrigated potatoes were almost a failure in the state this year, the average yield being but 34.31 bushels, compared with more than 100 bushels for 1909. The commercial production of potatoes for the state, being that part of the crop shipped to market on railroad cars, is estimated at 10,000 cars of about 600 bushels each. The following table shows the commercial production of potatoes in the principal potato producing states as estimated on December 15:

COMMERCIAL POTATO PRODUCTION.

State	Cars	State	Cars	State	Cars
Maine	27,499	Iowa	229	Nevada	790
New York	11,500	North Dakota ..	2,000	Idaho	6,830
Pennsylvania ..	6,600	Nebraska	2,211	Washington	2,400
Michigan	10,460	Montana	450	Oregon	1,200
Wisconsin	20,900	Colorado	10,000	California	4,500
Minnesota	25,105	Utah	450	United States ..	133,124

The above estimates are based upon an average of 700 bushels per car load for the United States but in Colorado the average is figured as 600 bushels per car.

Sorghums—Reports of county assessors show 255,605 acres devoted to grain sorghums (milo, kafir, feterita, etc.), in 1919. Ten per cent added to this because of the incompleteness of the reports gives 281,165 acres as the entire area devoted to grain sorghums in the state. Reports received by the Cooperative Crop Reporting Service indicate that approximatly 53 per cent of this, or 149,000 acres, was harvested for grain, with an average yield of 14.5 bushels per acre, while the remainder of the crop was cut for silage or forage or was hogged off or abandoned. This is by far the largest acreage of grain sorghums ever reported for the state, the area found by the census bureau in 1909 being but 11,971 acres. In addition to this there was approximately 106,000 acres devoted to sweet sorghums (canes), most of which was harvested for forage. The census bureau found but 101,721 acres of all crops cut for forage in 1909, whereas in 1919 the area is apparently about 387,000 acres, comprised chiefly of sorghums, but including some corn, some sudan grass and other smaller crops. The popularity of the sorghums in the non-irrigated districts of eastern Colorado is best shown by the rapid increase in the acreage devoted to these crops in these counties in the past ten years Although it is impossible to determine from the census report what was the entire acreage devotd to sorghums in 1909, it is safe to say that there has been an increase of fully 500 per cent in the acreage devoted to all sorghums in the state since that time.

Beans—Dry beans for the consumers' market was the only major crop which showed any considerable decrease in acreage in 1919 as compared with the preceding year. The estimated area harvested was 69,300 acres, compared with 252,000 acres in 1918. Reports of county assessors showed 74,586 acres of these beans planted or to be planted when these reports were compiled, but information received later by the Cooperative Crop Reporting Service indicated that about 90,000 acres was planted, some farmers increasing their acreage because of special conditions prevailing at planting time, which appeared to make it advisable to plant beans instead of other crops they had planned to plant. The season was unfavorable for the development of the crop and reports indicate that only the acreage given above was harvested, the remainder being cut for forage or abandoned. Average production was about 6.5 bushels per acre. The decrease in acreage was due chiefly to unsatisfactory prices obtained by growers for the 1918 crop of pinto beans, most of the beans grown in the state being of the pinto variety. There was also a sharp decrease in the acreage devoted to beans for seed. This is one of the principal seed crops grown in the state, and reports indicate that about 31,000 acres of seed beans were grown in the state in 1918. Reports of county assessors showed only about 12,000 acres of seed beans planted last spring, farmers apparently not being entirely satisfied with the returns obtained for the 1918 crop.

Broom Corn—About 17,000 acres of broom corn was grown in Colorado in 1919, compared with 30,000 acres in 1918. The decrease in acreage was due largely to dissatisfaction on the part of growers with the prices obtained for the 1918 crop. Broom corn is grown almost exclusively in the southeast corner of the state (District 9), in Baca and Prowers counties, with small acreages in some of the adjoining counties. The average yield per acre in 1919 is estimated at 350 pounds, the same as last year.

Hay—Hay has been Colorado's leading crop for a good many years, both in acreage and in total value. It will be found by reference to the crop production table on page 2 that it still retains first position in total value, but is surpassed by wheat in acreage. The area devoted to tame hay in 1919 was 1,068,500 acres, and wild hay 360,000 acres, or a total of 1,428,500 acres, about 30,000 acres less than was devoted to the 1919 wheat crop. Alfalfa, which has been one of Colorado's most important crops for a good many years, is the chief item in the hay crop, the area devoted to it being 662,000 acres, with an average yield of 2.6 tons per acre. Timothy ranks next to alfalfa among tame hays. The remainder of the tame hay crop is made up of clover alone, timothy and clover mixed, sweet clover, field peas cut for hay and grains cut green. There has been a considerable decrease in the area devoted to wild hay, by reason of the large increases in cultivated acreage in the state in the past few years. The price of hay is exceptionally high at this time, making the hay crop by far the most valuable grown in the state, accounting for more than one-fourth the value of all crops grown.

Sugar Beets—Reports of factories showed that 236,000 acres of sugar beets were contracted for the 1919 crop, but conditions at planting time were unfavorable for getting the crop in and the entire acreage was not planted. Reports of county assessors showed a little above 185,000 acres planted and advance reports from factories show approximately 185,000 acres harvested. The growing season was not favorable for the crop, drought and insect pests reducing the yield materially. Preliminary reports place the average yield per acre at slightly less than 10 tons to the acre, which is considerably below normal. The total value of the crop to the growers is the largest on record for the state, not on account of record production, but because the price paid farmers per ton—$10.00—was the highest ever paid in the state except for 1918, when the production was much below normal, on account of small acreage.

Cabbage—Reports of county assessors indicate that 4,014 acres of cabbage was harvested in the state this year, compared with about 5,000 acres last year. The average yield was estimated at slightly in excess of 10 tons per acre, compared with about 7.4 tons in 1918. According to the best information obtainable the commercial crop for 1919 amounted to about 1,994 cars, or about 25,000 tons, compared with 1,929 cars, or about 24,000 tons in 1918. These figures are based upon incomplete reports and are subject to revision when more complete information is available.

Onions—County assessors did not furnish complete acreage reports on onions. The best information available indicates that about 680 acres was devoted to the crop in 1919, compared with 735 acres in 1918. The total production for 1919 is estimated at 170,000 bushels, compared with 180,000 bushels in 1918. Incomplete reports show the commercial production of onions in 1919 to have been about 260 cars, or 130,000 bushels, compared with 270 cars, or 135,000 bushels in 1918. The heavy depreciation in acreage in 1919 was most marked in northern Colorado. These figures, like those for cabbage, are subject to revision when more complete information is obtainable.

Cantaloupes—Reports of county assessors, with ten per cent added because of incompleteness, gives 6,104 acres of cantaloupes grown in the state in 1919. These are grown almost exclusively in the Arkansas Valley, chiefly in Otero and Crowley counties. Complete information is not yet available showing the total production, but the value of the crop is estimated at $300,000, which is regarded as a very conservative figure. The Bureau of Markets estimates the commercial shipments of cantaloupes from the state this year is 2,585 cars, compared with 1,720 cars in 1918. Presumably these figures include shipments of honey dew melons, about 250 cars in 1919 and 140 cars the preceding year.

Apples—The Colorado apple crop this year was one of the largest the state has produced, in spite of the severe damage caused the crop by the frost on and about June 1. The agricultural production is estimated at 3,418,000 bushels, compared with 2,511,000 bushels in 1918 and 3,559,094 bushels reported by the census in 1909, which was one of the best fruit years Colorado has ever enjoyed, especially for apples. The commercial production is estimated at 828,000 barrels, or 2,484,000 boxes. Prices generally were good, though the quality of the crop was slightly below normal as a result of damage caused by insect pests.

Peaches—The Colorado peach crop also was rather a large one, in spite of damage caused by late spring frosts. The total production is estimated at 840,000 bushels, compared with 650,000 bushels last year and 692,258 bushels reported by the census for 1909. Commercial production is estimated at about 720,000 bushels, compared with 527,000 bushels in 1918. Prices received for this crop also were considerably above the average.

Pears—Final figures on shipments raised the production of pears for the state much above the preliminary estimates. The total production is placed at 311,000 bushels compared with 248,000 bushels in 1918. Commercial production apparently was about 290,000 bushels, compared with 226,000 bushels the preceding year. The census bureau found the total production of pears in 1909 to be 132,536 bushels.

Cherries—The 1919 cherry crop was one of the largest on record for the state, being estimated at about 5,000 tons, compared with about 4,000 tons the preceding year. While there has been a comparatively slight increase in the number of fruit trees of other kinds in the state in the past ten years the number of cherry trees of bearing age apparently is

nearly doubt that reported by the census bureau in 1909. The production that year was 88,937 bushels, or about 2,500 tons. Commercial cherry production this year was estimated at about 4,000 tons, which is perhaps the largest commercial production the state has ever shown.

Seed Crops—Colorado is coming to be one of the most important states in the production of vegetable seed. The Seed Reporting Service of the United States Bureau of Markets found a total of 37,131 acres devoted to vegetable seeds, including sugar beet seed, in 1918. There was considerable falling off in 1919, principally in seed beans, which is the most important seed crop grown in the state. The best information available indicates that about 24,000 acres was devoted to vegetable seed in 1919, principally beans, cucumbers, cantaloupes, peas, sweet corn, onion seed, spinach and squash.

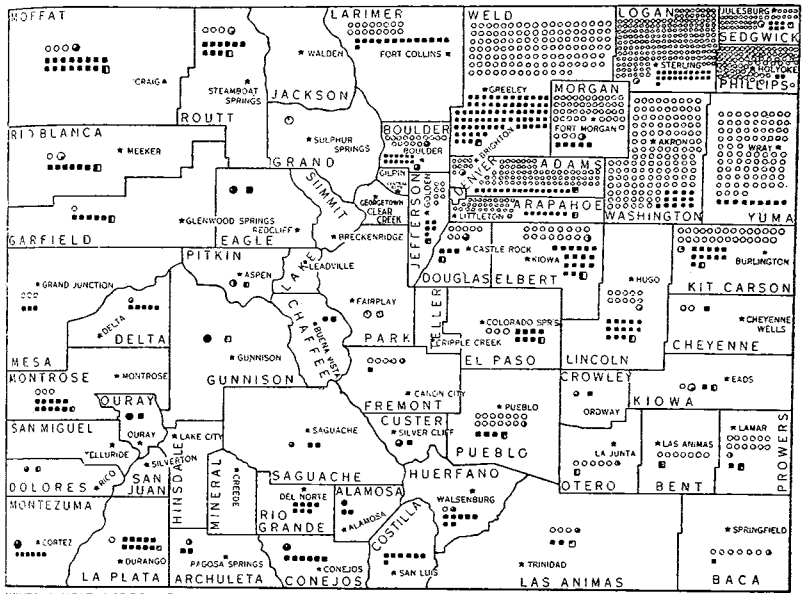
Livestock—A table is published elsewhere in this Bulletin showing the number of livestock of the different varieties reported to county assessors for assessment purposes in 1919. Every class of livestock shows an increase over 1918 except sheep. The number of horses reported was 354,868, compared with 352,794 in 1918; mules, 33,751, compared with 29,838 in 1918; range cattle, 1,302,135, compared with 1,262,616 in 1918; milch cows, 142,895, compared with 137,126 in 1918; sheep, 1,090,108, compared with 1,164,411 in 1918; and swine, 195,188, compared with 194,576 in 1918. It is generally conceded that the number of livestock reported to assessors is considerable short of the entire number in the state, many of the younger stock not being reported. There are also a considerable number of cattle and sheep transferred from one section of the state for feeding purposes and assessed under what is known as a "fed in transit" rate, which is considerably below the total value of the animals assessed, on the theory that the county in which they are fed is entitled to taxes only on the value added in that county by the feeding process. These are not included in the figures given above. The Cooperative Crop Reporting Service is making an inquiry this month regarding the number of livestock on farms and will publish the results of this inquiry in the January Crop Bulletin.

WAGES OF MALE FARM LABOR IN COLORADO.

	1919	1918	1917	1916	1915	1914	1913	1910
Per month—								
With Board	$55.50	$51.00	$41.00	$32.50	$30.60	$30.00	$29.10	$29.50
Without Bo'rd..	81.00	73.50	60.00	47.50	45.00	44.60	44.30	44.50
Per day at harvest—								
With Board	3.60	3.40	2.64	2.05	1.89	1.84	1.75	1.95
Without Bo'rd..	4.60	4.30	3.38	2.60	2.40	2.32	2.27	2.47
Per day other than harvest—								
With Board	3.00	2.80	2.15	1.65	1.43	1.42	1.36	1.47
Without Bo'rd..	3.95	3.65	2.79	2.19	2.01	1.98	1.95	2.00

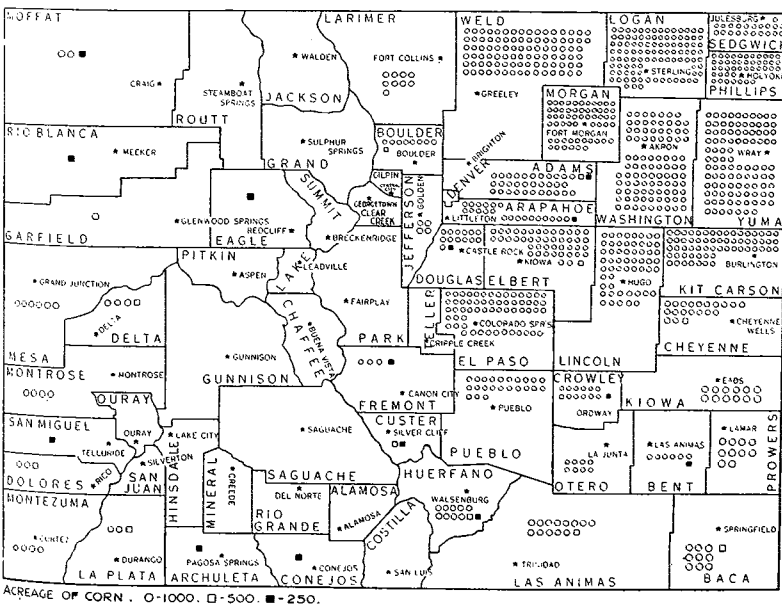
Maps Showing Crop Acreages—The following maps are published for the purpose of showing graphically the distribution of some of the principal crops among the various counties of the state. They are based upon the acreages reported by county assessors, and show only the distribution of acreage, with no reference to total production. The symbols are placed within the county borders only in such a way as to show the entire acreage grown in the several counties, but without reference to what portions of the various counties contain this acreage. Three of these maps, those showing the acreage of wheat, corn and potatoes, have been published in previous copies of this Bulletin, and are republished here because of a desire expressed on the part of some of those receiving the Bulletin to have them all published under one cover.

Wheat Map of Colorado, Showing Acreage Cultivated in 1919.



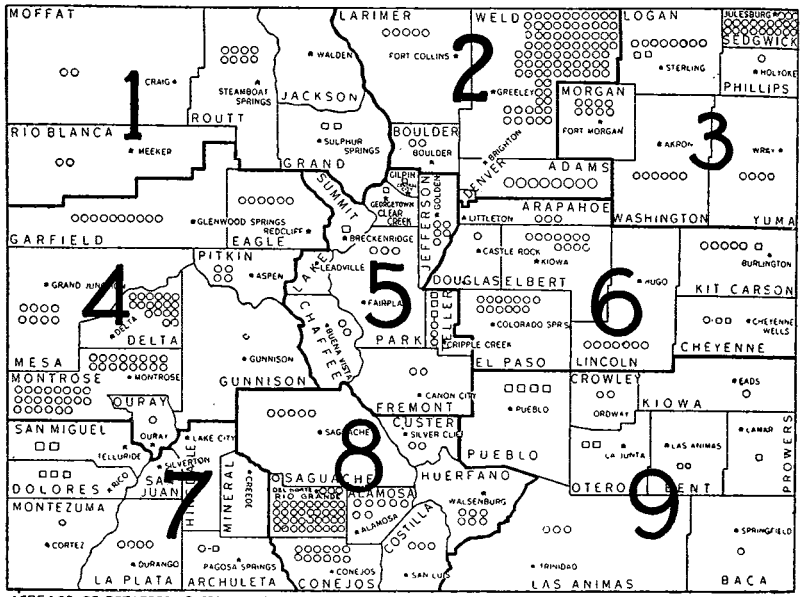
WINTER WHEAT-ACRES. O-1000. ◑-500. ●-250. ●-100. SPRING WHEAT ACRES. ■-1000. ◧-500. ◰-250. ▫-100.

Corn Map of Colorado, Showing Acreage Cultivated in 1919.



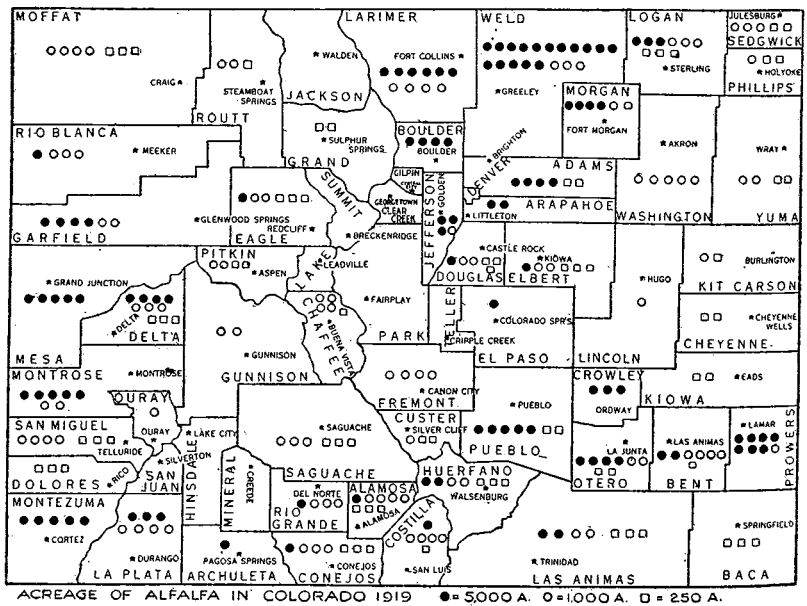
ACREAGE OF CORN. O-1000. ◻-500. ■-250.

Potato Map of Colorado, Showing Acreage Cultivated in 1919.



ACREAGE OF POTATOES ·-250A □-50A.

Alfalfa Map of Colorado, Showing Acreage Cultivated in 1919.



ACREAGE OF ALFALFA IN COLORADO 1919 ●= 5,000 A. O=1,000 A. □ = 250 A.

ACREAGE AND PRODUCTION OF CORN, 1919.

Districts and Counties	IRRIGATED Acreage Irrigated	IRRIGATED Average Yield per Acre Bushels	IRRIGATED Production Bushels	NON-IRRIGATED Acreage Non-irrigated	NON-IRRIGATED Average Yield per Acre Bushels	NON-IRRIGATED Production Bushels	Total Acreage	Total Production
1. Northwest—								
Grand								
Jackson								
Moffat	2	26	52	2,043	10	20,430	2,045	20,482
Rio Blanco	81	25	2,025	113	10	1,130	194	3,155
Routt	135	25	3,375	21	10	210	156	3,585
2. North Central—								
Adams	1,879	27	50,733	30,699	12	368,388	32,578	419,121
Boulder	5,767	27	155,709	2,539	12	30,468	8,306	186,177
Denver								
Larimer	2,882	28	77,814	5,705	12	68,460	8,587	146,274
Weld	19,231	27	519,237	72,438	12	869,256	91,669	1,388,493
3. Northeast—								
Logan	2,921	30	87,630	97,117	17	1,650,989	100,038	1,738,619
Morgan	5,949	30	178,470	51,856	12	622,272	57,805	800,742
Phillips				43,667	17	742,339	43,667	742,339
Sedgwick	850	30	25,500	19,393	15	290,895	20,243	316,395
Washington	419	30	12,570	96,412	14	1,349,768	96,831	1,362,338
Yuma	35	30	1,050	94,207	17	1,601,519	94,242	1,602,569
4. West Central—								
Delta	3,297	33	108,801				3,297	108,801
Eagle	3	25	75	230	8	1,840	233	1,915
Garfield	749	31	23,219	26	10	260	775	23,479
Gunnison								
Mesa	4,836	34	164,424	751	10	7,510	5,587	171,934
Montrose	3,395	33	112,035	110	12	1,320	3,505	113,355
Ouray	5	26	130				5	130
Pitkin								
5. Central—								
Chaffee	10	25	250	2	12	24	12	274
Clear Creek				31	12	372	31	372
Fremont	1,824	27	49,248	1,418	12	17,016	3,242	66,264
Gilpin								
Jefferson	1,601	27	43,227	1,796	12	21,552	3,397	64,779
Lake								
Park								
Summit								
Teller	10	22	220				10	220
6. East Central—								
Arapahoe	1,019	27	27,513	20,061	12	240,732	21,080	268,245
Cheyenne				18,127	16	290,032	18,127	290,032
Douglas	55	27	1,485	13,049	16	208,784	13,104	210,269
Elbert				43,880	17	745,960	43,880	745,960
El Paso	638	27	17,226	58,346	17	991,882	58,984	1,009,108
Kit Carson				61,763	16	988,208	61,763	988,208
Lincoln	500	27	13,500	54,994	16	879,904	55,494	893,404
7. Southwest—								
Archuleta	9	25	225	241	16	3,856	250	4,081
Dolores				2,474	16	39,584	2,474	39,584
Hinsdale								
La Plata	1,218	26	31,668	769	16	12,304	1,987	43,972
Mineral								
Montezuma	767	30	23,010	3,581	17	60,877	4,348	83,887
San Juan								
San Miguel	67	30	2,010	78	16	1,248	145	3,258
8. South Central—								
Alamosa								
Conejos	395	23	9,085	9	12	108	404	9,193
Costilla	15	22	330				15	330
Custer	30	26	780	822	12	9,864	852	10,644
Huerfano	1,074	28	30,072	8,201	14	114,814	9,275	144,886
Rio Grande								
Saguache								
9. Southeast—								
Baca				5,041	17	85,697	5,041	85,697
Bent	2,934	35	102,690	3,286	17	55,862	6,220	158,552
Crowley	5,773	33	190,509	6,435	15	96,525	12,208	287,034
Kiowa	15	35	525	11,617	17	197,489	11,632	198,014
Las Animas	1,735	32	55,520	10,149	17	172,533	11,884	228,053
Otero	5,897	35	206,395	2,894	16	46,304	8,791	252,699
Powers	5,295	35	185,325	4,252	17	72,284	9,547	257,609
Pueblo	8,478	35	296,730	13,933	12	167,196	22,411	463,926
State	91,795	30.62	2,810,392	864,576	15.21	13,148,065	956,371	15,958,457

The acreage of corn by counties as given in this table is that reported by county assessors, and the production by counties is based upon this acreage. See comments in text for explanation of how the acreage and total production given in the production table on page 2 were arrived at.

ACREAGE AND PRODUCTION OF WINTER WHEAT, 1919.

Districts and Counties	IRRIGATED Acreage Irrigated	Average Yield per Acre Bushels	Production Bushels	NON-IRRIGATED Acreage Non-irrigated	Average Yield per Acre Bushels	Production Bushels	Total Acreage	Total Production
1. Northwest—								
Grand	174	24	4,176	.....	....	.....	174	4,17
Jackson	1	23	23	20	8	160	21	18
Moffat	84	24	2,016	3,033	7	21,231	3,117	23,24
Rio Blanco	36	24	864	1,502	10	15,020	1,538	15,88
Routt	160	26	4,160	3,549	18	63,882	3,709	68,04
2. North Central—								
Adams	9,068	22	199,496	71,513	6	429,078	80,581	628,57
Boulder	11,059	22	243,298	4,126	7	28,882	15,185	272,18
Denver	.....	....	.....	.....	....	.....	.....	.....
Larimer	6,932	23	159,436	8,684	7	60,788	15,616	220,22
Weld	32,086	25	802,150	86,483	6	518,898	118,569	1,321,04
3. Northeast—								
Logan	7,390	23	169,970	174,388	10	1,743,880	181,778	1,913,85
Morgan	2,758	23	63,434	43,332	6	259,992	46,090	323,42
Phillips	.....	....	.....	73,069	12	876,828	73,069	876,82
Sedgwick	1,642	23	37,766	34,061	12	408,732	35,703	446,49
Washington	527	23	12,121	129,377	9	1,164,393	129,904	1,176,51
Yuma	6	23	138	82,412	14	1,153,768	82,418	1,153,90
4. West Central—								
Delta	677	25	16,925	10	10	100	687	17,02
Eagle	58	26	1,508	3	10	30	61	1,53
Garfield	363	24	8,712	133	10	1,330	496	10,04
Gunnison	28	23	644	1	....	.....	29	64
Mesa	2,506	24	60,144	382	9	3,438	2,888	63,58
Montrose	2,534	26	65,884	207	11	2,277	2,741	68,16
Ouray	7	25	175	27	11	297	34	47
Pitkin	78	25	1,950	.....	....	.....	78	1,95
5. Central—								
Chaffee	.....	....	.....	.....	....	.....	.....	.....
Clear Creek	.....	....	.....	.....	....	.....	.....	.....
Fremont	306	21	6,426	4,218	8	33,744	4,524	40,17
Gilpin	.....	....	.....	.....	....	.....	.....	.....
Jefferson	4,326	23	99,498	2,514	7	17,598	6,840	117,09
Lake	.....	....	.....	.....	....	.....	.....	.....
Park	12	20	240	26	8	208	38	44
Summit	4	20	80	6	10	60	10	14
Teller	.....	....	.....	.....	....	.....	.....	.....
6. East Central—								
Arapahoe	2,253	20	45,060	26,737	5	133,685	28,990	178,74
Cheyenne	.....	....	.....	1,692	8	13,536	1,692	13,53
Douglas	277	15	4,155	6,871	8	54,968	7,148	59,12
Elbert	.....	....	.....	15,250	9	137,250	15,250	137,25
El Paso	.....	....	.....	2,718	11	29,898	2,718	29,89
Kit Carson	847	20	16,940	41,761	11	459,371	42,608	476,31
Lincoln	.....	....	.....	10,574	10	105,740	10,574	105,74
7. Southwest—								
Archuleta	.....	....	.....	320	14	4,480	320	4,48
Dolores	.....	....	.....	224	11	2,464	224	2,46
Hinsdale	.....	....	.....	.....	....	.....	.....	.....
La Plata	656	26	17,056	63	14	882	719	17,93
Mineral	.....	....	.....	.....	....	.....	.....	.....
Montezuma	18	26	468	15	11	165	33	63
San Juan	.....	....	.....	.....	....	.....	.....	.....
San Miguel	55	24	1,320	648	11	7,128	703	8,44
8. South Central—								
Alamosa	45	23	1,035	.....	....	.....	45	1,03
Conejos	75	24	1,800	.....	....	.....	75	1,80
Costilla	233	25	5,825	.....	....	.....	233	5,82
Custer	131	23	3,013	168	10	1,680	299	4,69
Huerfano	143	23	3,289	1,073	10	10,730	1,216	14,01
Rio Grande	.....	....	.....	.....	....	.....	.....	.....
Saguache	67	23	1,541	45	10	450	112	1,99
9. Southeast—								
Baca	.....	....	.....	4,967	11	54,637	4,967	54,63
Bent	6,863	27	185,301	174	8	1,392	7,037	186,69
Crowley	424	26	11,024	39	7	273	463	11,29
Kiowa	48	25	1,200	1,617	9	14,553	1,665	15,75
Las Animas	150	30	4,500	2,966	12	35,592	3,116	40,09
Otero	5,463	30	163,890	46	7	322	5,509	164,21
Prowers	11,063	30	331,890	1,208	9	10,872	12,271	342,76
Pueblo	2,139	25	53,475	11,358	7	79,506	13,497	132,98
State	113,772	24.74	2,814,016	853,610	9.33	7,964,188	967,382	10,778,20

This table gives the actual acreage of winter wheat in the various counties as report by county assessors and production is calculated on these acreages. See comments in tex of this Bulletin for explanation of how the total acreage and production as given in the cr production table on page 2 have been arrived at.

ACREAGE AND PRODUCTION OF SPRING WHEAT, 1919.

Districts and Counties	IRRIGATED Acreage Irrigated	IRRIGATED Average Yield per Acre Bushels	IRRIGATED Production Bushels	NON-IRRIGATED Acreage Non-irrigated	NON-IRRIGATED Average Yield per Acre Bushels	NON-IRRIGATED Production Bushels	Total Acreage	Total Production
1. Northwest—								
rand	35	20	700	19	6	114	54	814
ackson	.....	...	.....	8	5	40	8	40
offat	235	22	5,170	15,108	6	90,648	15,343	95,818
lo Blanco	793	23	18,239	5,463	10	54,630	6,256	72,869
outt	3,731	23	85,813	5,651	14	79,114	9,382	164,927
2. North Central—								
dams	12,393	20	247,860	4,446	4	17,784	16,839	265,644
oulder	12,291	20	245,820	430	4	1,720	12,721	247,540
enver	.....	...	.....	.....	...	.....	.....	.....
arimer	11,006	23	253,138	2,568	4	10,272	13,574	263,410
eld	34,918	23	803,114	38,740	5	193,700	73,658	996,814
3. Northeast—								
gan	4,128	20	82,560	16,913	6	101,478	21,041	184,038
organ	1,719	21	36,099	3,010	5	15,050	4,729	51,149
illips	.....	...	.....	1,933	9	17,397	1,933	17,397
dgwick	1,736	20	34,720	4,293	9	38,637	6,029	73,357
ashington	287	21	6,027	12,636	7	88,452	12,923	94,479
ma	.....	....	.....	8,927	8	71,416	8,927	71,416
4. West Central—								
lta	4,661	26	121,186	61	9	549	4,722	121,735
gle	592	30	17,760	12	12	144	604	17,904
rfield	5,010	25	125,250	189	8	1,512	5,199	126,762
nnison	159	25	3,975	84	12	1,008	243	4,983
sa	2,559	24	61,416	186	8	1,488	2,745	62,904
ntrose	10,076	26	261,976	253	9	2,277	10,329	264,253
ray	358	28	10,024	116	15	1,740	474	11,764
tkin	521	30	15,630	20	12	240	541	15,870
5. Central—								
affee	1,777	22	39,094	5	6	30	1,782	39,124
ear Creek	1	25	25	16	6	96	17	121
emont	530	23	12,190	175	5	875	705	13,065
pin	.....	...	.....	7	6	42	7	42
fferson	4,569	23	105,087	1,077	5	5,385	5,646	110,472
ke	.....	....	.....	.....	...	.....	.....	.....
rk	6	20	120	77	6	462	83	583
mmit	26	23	598	15	12	180	41	778
ller	1	20	20	10	6	60	11	80
6. East Central—								
apahoe	2,888	22	63,536	4,614	4	18,456	7,502	81,992
yenne	.....	...	.....	701	8	5,608	701	5,608
uglas	247	20	4,940	2,811	7	19,677	3,058	24,617
bert	80	21	1,680	16,373	9	147,357	16,453	149,037
Paso	698	21	14,658	6,783	8	54,264	7,481	68,922
Carson	315	21	6,615	11,097	9	99,873	11,412	106,488
coln	85	21	1,785	12,931	9	116,379	13,016	118,164
7. Southwest—								
chuleta	.....	....	.....	1,706	13	22,178	1,706	22,178
lores	.....	...	.....	395	9	3,555	395	3,555
nsdale	13	24	312	.....	...	.....	13	312
Plata	9,191	26	238,966	453	12	5,436	9,644	244,402
neral	.....	...	.....	.....	...	.....	.....	.....
ntezuma	5,671	23	130,433	1,524	12	18,288	7,195	148,721
n Juan	.....	...	.....	.....	...	.....	.....	.....
n Miguel	623	22	13,706	23	9	207	646	13,913
8. South Central—								
mosa	904	22	19,888	15	8	120	919	20,008
ejos	5,750	20	115,000	94	8	752	5,844	115,752
stilla	6,569	23	151,087	.....	....	.....	6,569	151,087
ster	202	22	4,444	516	11	5,676	718	10,120
rfano	1,016	23	23,368	5,550	11	61,050	6,566	84,418
Grande	8,842	24	212,208	.....	....	.....	8,842	212,208
uache	1,925	22	42,350	.....	....	.....	1,925	42,350
9. Southeast—								
a	90	12	1,080	253	9	2,277	343	3,357
nt	251	24	6,024	129	8	1,032	380	7,056
wley	1,492	22	32,824	.....	....	.....	1,492	32,824
wa	223	22	4,906	904	9	8,136	1,127	13,042
Animas	1,223	23	28,129	868	10	8,680	2,091	36,809
fo	456	24	10,944	53	8	424	509	11,368
wers	838	25	20,950	781	9	7,029	1,619	27,979
blo	1,924	21	40,404	1,695	8	13,560	3,619	53,964
State	165,634	22.84	3,783,848	192,717	7.35	1,416,554	358,351	5,200,402

This table gives the actual acreage of spring wheat in the various counties as reported county assessors, and production is calculated on these acreages. See comments in text this Bulletin for explanation of how the total acreage and production as given in the crop duction table on page 2 have been arrived at.

ACREAGE AND PRODUCTION OF OATS, 1919.

Districts and Counties	IRRIGATED Acreage Irrigated	IRRIGATED Average Yield per Acre Bushels	IRRIGATED Production Bushels	NON-IRRIGATED Acreage Non-irrigated	NON-IRRIGATED Average Yield per Acre Bushels	NON-IRRIGATED Production Bushels	Total Acreage	Total Production
1. Northwest—								
Grand	727	40	29,080	292	18	5,256	1,019	34,336
Jackson	134	32	4,288	100	8	800	234	5,088
Moffat	615	40	24,600	5,423	12	65,076	6,038	89,676
Rio Blanco	2,078	42	87,276	2,086	20	41,720	4,164	128,996
Routt	1,197	45	53,865	8,778	25	219,450	9,975	273,315
2. North Central—								
Adams	3,102	35	108,570	1,905	10	19,050	5,007	127,620
Boulder	2,600	32	83,200	597	8	4,776	3,197	87,976
Denver	.....	...	.....	.....	...	.....	.....	.....
Larimer	5,090	32	162,880	1,580	8	12,640	6,670	175,520
Weld	14,257	32	456,224	7,646	8	61,176	21,904	517,400
3. Northeast—								
Logan	3,785	35	132,475	7,392	14	103,488	11,177	235,963
Morgan	2,776	35	97,160	1,279	8	10,232	4,055	107,392
Phillips	.....	...	.....	2,936	18	52,848	2,936	52,848
Sedgwick	643	35	22,505	1,260	16	20,160	1,903	42,665
Washington	283	35	9,905	4,337	14	60,718	4,620	70,623
Yuma	47	35	1,645	3,327	16	53,232	3,374	54,877
4. West Central—								
Delta	4,828	39	188,292	7	17	119	4,835	188,411
Eagle	2,518	50	125,900	40	25	1,000	2,558	126,900
Garfield	2,976	42	124,992	144	13	1,872	3,120	126,864
Gunnison	1,028	40	41,120	418	20	8,360	1,446	49,480
Mesa	3,403	36	122,508	150	18	2,700	3,553	125,208
Montrose	7,370	40	294,800	340	17	5,780	7,710	300,580
Ouray	334	36	12,024	64	19	1,216	398	13,240
Pitkin	1,597	50	79,850	.....	....	.....	1,597	79,850
5. Central—								
Chaffee	1,960	35	68,600	.....	...	.....	1,960	68,600
Clear Creek	.....	...	.....	193	14	2,702	193	2,702
Fremont	1,034	28	28,952	958	16	15,328	1,992	44,280
Gilpin	.....	...	.....	368	15	5,520	368	5,520
Jefferson	1,668	28	46,704	2,593	14	36,302	4,261	83,006
Lake	.....	...	.....	.....	...	.....	.....	.....
Park	106	25	2,650	2,725	14	38,150	2,831	40,800
Summit	294	25	7,350	56	14	784	350	8,134
Teller	817	25	20,425	5,157	14	72,198	5,974	92,623
6. East Central—								
Arapahoe	865	28	24,220	1,810	7	12,670	2,675	36,890
Cheyenne	.....	...	.....	166	16	2,656	166	2,656
Douglas	232	28	6,496	5,060	12	60,720	5,292	67,216
Elbert	20	28	560	8,680	15	130,200	8,700	130,760
El Paso	522	29	15,138	15,693	16	251,088	16,215	266,226
Kit Carson	140	29	4,060	1,396	18	25,128	1,536	29,188
Lincoln	.....	....	.....	2,410	16	38,560	2,410	38,560
7. Southwest—								
Archuleta	.....	...	.....	2,442	24	58,608	2,442	58,608
Dolores	935	40	37,400	456	18	8,208	1,391	45,608
Hinsdale	13	40	520	4	15	60	17	580
La Plata	5,724	42	240,408	493	18	8,874	6,217	249,282
Mineral	80	40	3,200	.....	...	.....	80	3,200
Montezuma	3,081	42	129,402	317	18	5,706	3,398	135,108
San Juan	.....	...	.....	.....	...	.....	.....	.....
San Miguel	990	40	39,600	779	18	14,022	1,769	53,622
8. South Central—								
Alamosa	2,318	34	78,812	10	12	120	2,328	78,932
Conejos	2,582	35	90,370	76	14	1,064	2,658	91,434
Costilla	3,798	34	129,132	20	14	280	3,818	129,412
Custer	735	40	29,400	1,458	16	23,328	2,193	52,728
Huerfano	1,035	42	43,470	2,342	22	51,524	3,377	94,994
Rio Grande	7,607	37	281,459	.....	...	.....	7,607	281,459
Saguache	3,531	33	116,523	40	12	480	3,571	117,003
9. Southeast—								
Baca	.....	...	.....	104	15	1,560	104	1,560
Bent	766	42	32,172	115	15	1,725	881	33,897
Crowley	2,497	40	99,880	98	12	1,176	2,595	101,056
Kiowa	.....	...	.....	399	16	6,384	399	6,384
Las Animas	2,428	40	97,120	2,076	16	33,216	4,504	130,336
Otero	2,815	42	118,230	186	12	2,232	3,001	120,462
Prowers	2,106	42	88,452	557	15	8,355	2,663	96,807
Pueblo	2,583	37	95,571	2,176	12	26,112	4,759	121,683
State	114,670	36.97	4,239,435	111,515	15.21	1,696,709	226,185	5,936,144

The acreage of oats by counties as given in this table is that reported by county as sessors, and the production by counties is based upon this acreage. See comments in te for explanation of how the acreage and total production found in the production table page 2 were arrived at.

ACREAGE AND PRODUCTION OF BARLEY, 1919.

Districts and Counties	IRRIGATED Acreage Irrigated	IRRIGATED Average Yield per Acre Bushels	IRRIGATED Production Bushels	NON-IRRIGATED Acreage Non-irrigated	NON-IRRIGATED Average Yield per Acre Bushels	NON-IRRIGATED Production Bushels	Total Acreage	Total Production
1. Northwest—								
Grand	334	30	10,020	96	10	960	430	10,980
Jackson	52	25	1,300	61	6	366	113	1,666
Moffat	92	24	2,208	402	8	3,216	494	5,424
Rio Blanco	281	30	8,430	1,346	14	18,844	1,627	27,274
Routt	760	33	25,080	5,548	22	122,056	6,308	147,136
2. North Central—								
Adams	1,583	25	29,575	2,433	7	17,031	4,016	56,606
Boulder	3,883	25	97,075	322	5	1,610	4,205	98,685
Denver	.....	....	.....	.....	....	.....	.....	.....
Larimer	4,763	32	152,416	1,080	5	5,400	5,843	157,816
Weld	16,366	35	572,810	11,938	8	95,504	28,304	668,314
3. Northeast—								
Logan	2,869	25	71,725	4,011	9	36,099	6,880	107,824
Morgan	2,515	25	62,875	2,735	5	13,675	5,250	76,550
Phillips	.....	....	.....	637	12	7,644	637	7,644
Sedgwick	773	26	20,098	392	12	4,704	1,165	24,802
Washington	854	25	21,350	16,766	12	201,192	17,620	222,542
Yuma	5	26	130	5,413	14	75,782	5,418	75,912
4. West Central—								
Delta	531	30	15,930	11	10	110	542	16,040	
Eagle	361	30	10,830	32	10	320	393	11,150
Garfield	633	28	17,724	34	10	340	667	18,064
Gunnison	453	31	14,043	134	13	1,742	587	15,785
Mesa	627	30	18,810	35	10	350	662	19,160
Montrose	268	31	8,308	301	11	3,311	569	11,619
Ouray	59	31	1,829	171	12	2,052	230	3,881
Pitkin	252	31	7,812	.....	....	.....	252	7,812
5. Central—								
Chaffee	1,002	30	30,060	.....	...	.....	1,002	30,060
Clear Creek	3	25	75	33	10	330	36	405
Fremont	373	30	11,190	365	10	3,650	738	14,840
Gilpin	.....	....	.....	47	10	470	47	470
Jefferson	1,100	26	28,600	371	10	3,710	1,471	32,310
Lake	.....	...	.....	.....	...	.....	.....	.....
Park	45	27	1,215	805	12	9,660	850	10,875
Summit	137	27	3,699	30	12	360	167	4,059
Teller	79	27	2,133	596	12	7,152	675	9,285
6. East Central—								
Arapahoe	548	25	13,700	1,057	6	6,342	1,605	20,042
Cheyenne	.....	...	.....	2,812	13	36,556	2,812	36,556
Douglas	51	24	1,224	419	10	4,190	470	5,414
Elbert	10	24	240	1,793	11	19,723	1,803	19,963
El Paso	124	24	2,976	1,125	11	12,375	1,249	15,351
Kit Carson	104	24	2,496	26,940	14	377,160	27,044	379,656
Lincoln	.....	....	.....	10,002	14	140,028	10,002	140,028
7. Southwest—								
Archuleta	.....	...	.....	874	23	19,228	874	19,228
Dolores	40	30	1,200	127	18	2,286	167	3,486
Hinsdale	10	30	300	4	18	72	14	372
La Plata	2,402	30	72,060	371	18	6,678	2,773	78,738
Mineral	229	30	6,870	.....	...	.....	229	6,870
Montezuma	549	30	16,470	51	18	918	600	17,388
San Juan	.....	...	.....	.....	...	.....	.....	.....
San Miguel	839	30	25,170	4,550	14	63,700	5,389	88,870
8. South Central—								
Alamosa	1,586	28	44,408	.....	...	.....	1,586	44,408
Conejos	5,147	30	154,410	970	13	12,610	6,117	167,020
Costilla	3,246	30	97,380	.....	...	.....	3,246	97,380
Custer	390	30	11,700	687	16	10,992	1,077	22,692
Huerfano	1,521	32	48,672	520	16	8,320	2,041	56,992
La Grande	2,945	32	94,240	457	16	7,312	3,402	101,552
Saguache	1,736	28	48,608	24	16	384	1,760	48,992
9. Southeast—								
Baca	40	30	800	495	12	5,940	535	6,740
Bent	946	36	34,056	121	12	1,452	1,067	35,508
Bowa	2,003	32	64,096	67	11	737	2,070	64,833
Las Animas	50	35	1,750	760	14	10,640	810	12,390
Otero	467	35	16,345	247	16	3,952	714	20,297
Powers	652	36	23,472	40	11	440	692	23,912
Pueblo	1,687	36	60,732	434	12	5,208	2,121	65,940
	1,189	34	40,426	950	10	9,500	2,139	49,926
State	69,564	30.78	2,141,151	112,042	12.53	1,404,383	181,606	3,545,534

The acreage of barley by counties as given in this table is that reported by county assessors, and the production by counties is based upon this acreage. See comments in text for explanation of how the acreage and total production given in the production table on page were arrived at.

ACREAGE AND PRODUCTION OF RYE, 1919.

Districts and Counties	IRRIGATED Acreage Irrigated	IRRIGATED Average Yield per Acre Bushels	IRRIGATED Production Bushels	NON-IRRIGATED Acreage Non-irrigated	NON-IRRIGATED Average Yield per Acre Bushels	NON-IRRIGATED Production Bushels	Total Acreage	Total Production
1. Northwest—								
Grand	133	15	1,995	276	8	2,208	409	4,203
Jackson	99	13	1,287	.....	....	.....	99	1,287
Moffat	15	16	240	3,099	6	18,594	3,114	18,834
Rio Blanco	86	17	1,462	616	8	4,928	702	6,390
Routt	118	20	2,360	724	9	6,516	842	8,876
2. North Central—								
Adams	292	12	3,504	6,066	5	30,330	6,358	33,834
Boulder	4	12	48	131	6	786	135	834
Denver	.....	....	.....	.....	....	.....	.....	.....
Larimer	6	11	66	347	5	1,735	353	1,801
Weld	707	11	7,777	12,928	5	64,640	13,635	72,417
3. Northeast—								
Logan	185	14	2,590	8,504	9	76,536	8,689	79,126
Morgan	358	14	5,012	5,444	6	32,664	5,802	37,676
Phillips	.....	....	.....	6,956	11	76,516	6,956	76,516
Sedgwick	126	15	1,890	1,952	10	19,520	2,078	21,410
Washington	211	14	2,954	17,624	8	140,992	17,835	143,946
Yuma	40	15	600	29,011	11	319,121	29,051	319,721
4. West Central—								
Delta	40	20	800	4	9	36	44	836
Eagle	.....	....	.....	.....	....	.....	.....	.....
Garfield	74	16	1,184	40	7	280	114	1,464
Gunnison	7	18	126	43	9	387	50	513
Mesa	23	15	345	491	7	3,437	514	3,782
Montrose	69	20	1,380	4	9	36	73	1,416
Ouray	.....	....	.....	1	10	10	1	11
Pitkin	73	18	1,314	.....	....	.....	73	1,314
5. Central—								
Chaffee	45	15	675	10	8	80	55	755
Clear Creek	.....	....	.....	34	8	272	34	272
Fremont	36	15	540	175	8	1,400	211	1,940
Gilpin	.....	....	.....	55	8	440	55	495
Jefferson	108	15	1,620	708	8	5,664	816	7,284
Lake	.....	....	.....	.....	....	.....	.....	.....
Park	2	15	30	385	10	3,850	387	3,880
Summit	104	16	1,664	14	10	140	118	1,804
Teller	.....	....	.....	118	10	1,180	118	1,180
6. East Central—								
Arapahoe	80	15	1,200	2,657	5	13,285	2,737	14,485
Cheyenne	.....	....	.....	917	10	9,170	917	9,170
Douglas	86	15	1,290	3,025	7	21,175	3,111	22,465
Elbert	.....	....	.....	15,238	7	106,666	15,238	106,666
El Paso	56	15	840	9,648	9	86,832	9,704	87,672
Kit Carson	45	15	675	12,632	10	126,320	12,677	126,995
Lincoln	125	15	1,875	14,182	10	141,820	14,307	143,695
7. Southwest—								
Archuleta	.....	....	.....	4	10	40	4	40
Dolores	.....	....	.....	37	10	370	37	370
Hinsdale	.....	....	.....	.....	....	.....	.....	.....
La Plata	70	19	1,330	21	10	210	91	1,540
Mineral	.....	....	.....	.....	....	.....	.....	.....
Montezuma	6	19	114	16	10	160	22	274
San Juan	.....	....	.....	.....	....	.....	.....	.....
San Miguel	.....	....	.....	35	9	315	35	315
8. South Central—								
Alamosa	.....	....	.....	.....	....	.....	.....	.....
Conejos	4	20	80	4	8	32	8	112
Costilla	675	20	13,500	.....	....	.....	675	13,500
Custer	.....	....	.....	84	10	840	84	840
Huerfano	81	20	1,620	278	10	2,780	359	4,400
Rio Grande	36	20	720	.....	....	.....	36	720
Saguache	.....	....	.....	.....	....	.....	.....	.....
9. Southeast—								
Baca	.....	....	.....	963	10	9,630	963	9,630
Bent	39	19	741	93	8	744	132	1,485
Crowley	24	18	432	118	7	826	142	1,258
Kiowa	10	18	180	298	10	2,980	308	3,160
Las Animas	91	16	1,456	670	10	6,700	761	8,156
Otero	76	17	1,292	295	7	2,065	371	3,357
Prowers	69	18	1,242	241	9	2,169	310	3,411
Pueblo	130	17	2,210	825	8	6,600	955	8,810
State	4,664	15.49	72,260	158,041	8.57	1,354,027	162,705	1,426,287

The acreage of rye by counties as given in this table is that reported by county assessors, and the production by counties is based upon this acreage. See comments in letter for explanation of how the acreage and total production given in the production table page 2 were arrived at.

ACREAGE AND PRODUCTION OF POTATOES, 1919.

Districts and Counties	IRRIGATED Acreage Irrigated	IRRIGATED Average Yield per Acre Bushels	IRRIGATED Production Bushels	NON-IRRIGATED Acreage Non-irrigated	NON-IRRIGATED Average Yield per Acre Bushels	NON-IRRIGATED Production Bushels	Total Acreage	Total Production
1. Northwest—								
Grand	30	45	1,350	52	40	2,080	82	3,430
Jackson	18	75	1,350	4	30	120	22	1,470
Moffat	15	55	825	463	40	18,520	478	19,345
Rio Blanco	257	125	32,125	306	60	18,360	563	50,485
Routt	129	140	18,060	1,626	84	136,584	1,755	154,644
2. North Central—								
Adams	1,092	60	65,520	864	15	12,960	1,956	78,480
Boulder	233	125	29,125	102	15	1,530	335	30,655
Denver	.....	....	.....	.....	....	.....	.....	.....
Larimer	441	85	37,485	262	10	2,620	703	40,105
Weld	19,694	113	2,225,422	1,478	24	35,472	21,172	2,260,894
3. Northeast—								
Logan	407	120	48,840	1,678	30	50,340	2,085	99,180
Morgan	855	118	100,890	1,037	21	21,777	1,892	122,667
Phillips	.....	....	.....	237	30	7,110	237	7,110
Sedgwick	5,155	118	608,290	90	15	1,350	5,245	609,640
Washington	61	90	5,490	1,324	12	15,888	1,385	21,378
Yuma	7	90	630	978	9	8,802	985	9,432
4. West Central—								
Delta	4,440	170	754,800	5	45	225	4,445	755,025
Eagle	1,267	250	316,750	4	80	320	1,271	317,070
Garfield	2,145	271	581,295	26	100	2,600	2,171	583,895
Gunnison	187	225	42,075	76	100	7,600	263	49,675
Mesa	1,582	130	205,660	112	70	7,840	1,694	213,500
Montrose	9,306	195	1,814,670	21	82	1,722	9,327	1,816,392
Ouray	41	190	7,790	27	85	2,295	68	10,085
Pitkin	973	200	194,600	2	65	130	975	194,730
5. Central—								
Chaffee	395	80	31,600	.....	...	.....	395	31,600
Clear Creek	3	80	240	36	30	1,080	39	1,320
Fremont	135	80	10,800	190	40	7,600	325	18,400
Gilpin	.....	....	.....	50	40	2,000	50	2,000
Jefferson	305	80	24,400	518	30	15,540	823	39,940
Lake	.....	....	.....	.....	....	.....	.....	.....
Park	18	80	1,440	815	60	48,900	833	50,340
Summit	43	80	3,440	.....	....	.....	43	3,440
Teller	146	80	11,680	743	60	44,580	889	56,260
6. East Central—								
Arapahoe	207	85	17,595	537	20	10,740	744	28,335
Cheyenne	.....	....	.....	331	70	23,170	331	23,170
Douglas	7	85	595	236	20	4,720	243	5,315
Elbert	11	70	770	2,662	20	53,240	2,673	54,010
El Paso	66	70	4,620	2,996	22	65,912	3,062	70,532
Kit Carson	40	90	3,600	1,237	25	30,925	1,277	34,525
Lincoln	.....	....	.....	1,611	25	40,275	1,611	40,275
7. Southwest—								
Archuleta	.....	....	.....	253	50	12,650	253	12,650
Dolores	4	90	360	102	50	5,100	106	5,460
La Plata	10	90	900	2	50	100	12	1,000
Mineral	516	90	46,440	150	60	9,000	666	55,440
Montezuma	.....	....	.....	5	50	250	5	250
San Juan	209	102	21,318	43	44	1,892	252	23,210
San Miguel	.....	....	.....	.....	....	.....	.....	.....
8. South Central—	19	140	2,660	66	70	4,620	85	7,280
Alamosa	1,333	180	239,940	2	40	80	1,335	240,020
Conejos	2,382	180	428,760	169	40	6,760	2,551	435,520
Costilla	681	150	102,150	.....	....	.....	681	102,150
Custer	35	100	3,500	406	60	24,360	441	27,860
Huerfano	80	100	8,000	1,295	80	103,600	1,375	111,600
Rio Grande	9,559	200	1,911,800	.....	....	.....	9,559	1,911,800
Saguache	1,101	180	198,180	.....	....	.....	1,101	198,180
9. Southeast—								
Baca	2	75	150	30	30	900	32	1,050
Bent	2	80	160	48	25	1,200	50	1,360
Chowla	58	80	4,640	409	30	12,270	467	16,910
Las Animas	2	80	160	124	25	3,100	126	3,260
Otero	17	100	1,700	685	30	20,550	702	22,250
Powers	35	60	2,100	35	20	700	70	2,800
Pueblo	5	80	400	8	25	200	13	600
	32	60	1,920	141	30	4,230	173	6,150
State	65,793	154.71	10,179,060	26,709	34.31	916,489	92,502	11,095,549

The acreage of potatoes by counties as given in this table is that reported by county assessors, and the production by counties is based upon this acreage. See comments in text for explanation of how the acreage and total production given in the production table on page 2 were arrived at.

AVERAGE YIELD OF PRINCIPAL CROPS PER ACRE, 1919.

Districts and Counties	Winter Wheat	Spring Wheat	Potatoes	Barley	Oats	Rye	Co
1. Northwest—	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Bu
Grand	24.00	15.07	41.83	25.53	33.69	10.27	
Jackson	8.71	5.00	66.82	14.74	21.74	13.00	
Moffat	7.46	6.25	40.47	10.98	14.85	6.05	10.
Rio Blanco	10.33	11.65	89.67	16.76	30.98	9.10	16.
Routt	18.35	17.58	88.12	23.33	27.40	10.54	22.
2. North Central—							
Adams	7.80	15.78	40.12	14.10	25.49	5.32	12.
Boulder	17.92	19.45	91.50	23.47	27.52	6.18	22.
Denver	.....	.....	.....	.....	.....	.....	
Larimer	14.10	19.41	57.05	27.01	26.31	5.10	17.
Weld	11.14	13.53	106.78	23.61	23.62	5.31	15.
3. Northeast—							
Logan	10.52	8.75	47.57	15.67	21.11	9.11	17.
Morgan	7.02	10.82	64.83	14.58	26.48	6.49	13.
Phillips	12.00	9.00	30.00	12.00	18.00	11.00	17.
Sedgwick	12.51	12.17	116.23	21.29	22.42	10.30	15.
Washington	9.05	7.31	15.44	12.63	15.29	8.07	14.
Yuma	14.00	8.00	9.58	14.01	16.26	11.01	17.
4. West Central—							
Delta	24.78	25.78	169.85	29.59	38.97	19.00	33.
Eagle	25.21	29.64	249.46	28.37	49.61	.....	8.
Garfield	20.25	24.38	268.95	27.08	40.66	12.84	30.
Gunnison	22.21	20.51	188.88	26.89	34.22	10.26	
Mesa	22.02	22.92	126.03	28.94	35.24	7.36	30.
Montrose	24.87	25.58	194.74	20.42	38.98	19.40	32.
Ouray	13.88	24.82	148.31	16.87	33.18	10.00	26.
Pitkin	25.00	29.33	199.72	31.00	50.00	18.00	
5. Central—							
Chaffee	.....	21.96	80.00	30.00	35.00	13.74	22.
Clear Creek	.....	7.12	33.85	11.25	14.00	8.00	12.
Fremont	8.88	18.53	56.62	20.11	22.23	9.19	20.
Gilpin	.....	6.00	40.00	10.00	15.00	8.00	
Jefferson	17.12	19.57	48.53	21.96	19.48	8.92	19.
Lake	.....	.....	.....	.....	.....	.....	
Park	11.79	7.01	60.43	12.79	14.41	10.02	
Summit	14.00	18.98	80.00	24.31	23.24	15.29	
Teller	.....	7.27	63.28	13.76	15.50	10.00	22.
6. East Central—							
Arapahoe	6.17	10.93	38.08	12.49	13.79	5.27	12.
Cheyenne	8.00	8.00	70.00	13.00	16.00	10.00	16.
Douglas	8.27	8.05	21.87	11.52	12.70	7.22	16.
Elbert	9.00	9.06	20.20	11.07	15.03	7.00	17.
El Paso	11.00	9.21	23.03	12.29	16.42	9.03	17.
Kit Carson	11.18	9.33	27.04	14.04	19.00	10.02	16.
Lincoln	10.00	9.07	25.00	14.00	16.00	10.04	16.
7. Southwest—							
Archuleta	14.00	13.00	50.00	22.00	24.00	10.00	16.
Dolores	11.00	9.00	51.51	20.87	32.79	10.00	16.
Hinsdale	.....	24.00	83.33	26.57	34.11	.....	
La Plata	24.95	25.34	83.24	28.40	40.09	16.92	22.
Mineral	.....	.....	50.00	30.00	40.00	.....	
Montezuma	19.18	20.67	92.10	28.98	39.76	12.45	19.
San Juan	.....	.....	.....	.....	.....	.....	
San Miguel	12.02	21.54	85.65	16.49	30.31	9.00	22.
8. South Central—							
Alamosa	23.00	21.77	179.79	28.00	33.90	.....	
Conejos	24.00	19.81	170.68	27.30	34.40	14.00	22.
Costilla	25.00	23.00	150.00	30.00	33.89	20.00	22.
Custer	15.70	14.09	63.17	21.06	24.04	10.00	12.
Huerfano	11.52	12.86	81.16	27.92	28.13	12.25	16.
Rio Grande	.....	24.00	200.00	29.83	37.00	20.00	
Saguache	17.78	22.00	180.00	27.84	32.76	.....	
9. Southeast—							
Baca	11.00	9.79	32.81	12.60	15.00	10.00	17.
Bent	26.53	18.57	27.20	33.28	38.47	11.25	25.
Crowley	24.39	22.00	36.21	31.32	38.94	8.86	23.
Kiowa	9.46	11.57	25.87	15.30	16.00	10.26	17.
Las Animas	12.87	17.60	31.70	28.43	28.94	10.72	19.
Otero	29.81	22.33	40.00	34.55	40.14	9.05	28.
Prowers	27.93	17.28	46.15	31.09	36.35	11.00	26.
Pueblo	9.85	14.91	35.55	23.34	25.57	9.22	20.
State	~~24.74~~ 11.14	14.51	119.95	19.52	26.24	8.77	16.

AVERAGE YIELD PER ACRE OF SMALL GRAINS.

District and Counties	Reported by Threshers, 1918					Reported by Census Bureau, 1909			
	Winter Wheat Bu.	Spring Wheat Bu.	Oats Bu.	Barley Bu.	Rye Bu.	All Wheat Bu.	Oats Bu.	Barley Bu.	Rye Bu.
1. Northwest—									
and	....	....	....	....	....	17.3	28.5	17.9	15.6
ckson	....	....	....	....	....	38.3	18.5	24.8	32.5
ffat	12	15	28	18	9	.....	.....	.....	.....
o Blanco	27	24	48	....	14	30.7	43.7	25.2	15.2
utt	23	17	44	31	12	25.4	30.1	24.0	18.4
2. North Central—									
ams	8	22	25	16	5	24.2	28.5	26.2	15.5
ulder	23	23	33	27	24	31.8	33.9	33.2	.....
nver	20	12	34	33	23	22.9	10.6	25.0	.....
rimer	21	28	33	29	11	29.2	29.9	27.6	10.2
ld	15	19	33	27	6	29.5	32.5	34.1	14.8
3. Northeast—									
gan	8	9	24	17	10	15.4	31.6	20.8	14.4
rgan	8	11	30	24	6	20.9	31.5	35.4	17.5
llips	7	7	10	15	4	14.2	20.8	19.6	10.9
dgwick	6	8	17	18	3	17.8	28.5	23.3	15.1
shington	6	4	12	5	5	11.6	18.7	24.0	10.1
ma	6	4	5	6	7	14.1	23.6	21.5	14.6
4. West Central—									
lta	32	24	42	29	31	23.9	39.3	30.0	17.0
gle	14	31	53	....	9	26.6	46.6	42.5	44.1
rfield	19	23	41	....	15	24.9	38.1	27.0	12.7
nnison	....	25	31	21	19	18.3	26.2	24.1	.....
sa	21	21	33	29	....	25.8	34.1	27.3	11.1
ntrose	32	29	39	31	23	30.9	24.5	25.2	25.0
ray	13	33	35	28	18	27.4	37.4	18.8	.....
kin	25	34	54	28	18	33.3	39.1	20.4	23.9
5. Central—									
affee	....	19	37	29	12	23.8	26.2	22.2	.....
ar Creek	....	12	24	20	....	30.0	12.4	.....	10.0
emont	14	14	50	21	9	12.0	27.2	29.4	.....
lpin	....	22	21	....	21	12.5	30.0	15.0	.....
erson	26	24	28	24	16	24.1	23.6	15.9	13.2
ke	....	....	....	....	....	25.0	.....	.....	.....
rk	....	....	....	....	....	10.0	15.2	15.0	14.5
mmit	....	....	....	....	....	28.9	38.8	15.4	19.3
ller	....	....	....	....	....	.....	51.3	27.0	.....
6. East Central—									
apahoe	9	17	17	21	9	24.1	28.8	34.0	13.8
eyenne	6	4	4	9	7	12.1	25.3	17.1	13.0
uglas	12	10	21	9	9	16.7	15.8	13.9	12.4
bert	11	7	16	11	8	11.1	14.8	13.8	9.8
Paso	8	14	21	18	7	9.8	13.7	11.2	9.0
t Carson	7	4	7	8	5	10.5	20.8	15.5	13.1
ncoln	5	4	8	9	6	13.9	19.5	20.6	10.9
7. Southwest—									
chuleta	18	22	28	23	5	16.9	20.8	19.3	20.0
lores	12	9	17	....	6	28.0	42.4	24.0	.....
nsdale	....	....	....	....	....	.....	.....	20.0	.....
Plata	22	19	33	18	9	19.4	31.4	23.6	16.1
neral	....	....	....	....	....	.....	.....	.....	.....
ntezuma	10	17	27	24	10	26.6	32.9	22.5	40.0
n Juan	....	....	....	....	....	.....	.....	.....	.....
n Miguel	....	....	...	....	....	22.9	42.0	17.5	41.6
8. South Central—									
amosa	....	22	14	12	....	.....	.....	.....	.....
nejos	....	15	21	26	....	19.1	25.0	26.9	.....
stilla	18	15	16	26	7	14.0	17.3	.....	.....
ster	19	20	19	23	17	13.5	21.4	17.0	10.6
lerfano	10	15	32	26	....	.....	28.1	25.0	20.0
Grande	17	22	25	10	....	23.6	25.7	18.3	17.1
guache	....	21	20	24	....	21.1	24.4	17.6	30.0
9. Southeast—									
ca	9	7	16	9	8	7.5	12.3	.....	10.4
nt	23	18	44	29	19	25.2	33.4	33.6	25.3
owley	24	17	26	20	9	.....	.....	.....	.....
owa	4	8	6	10	9	8.5	15.1	10.5	7.8
s Animas	6	12	32	22	5	15.6	21.8	13.3	12.5
ero	26	32	53	....	12	24.9	34.9	27.5	35.4
owers	20	19	36	22	20	23.1	32.3	41.6	19.4
eblo	8	14	21	23	8	12.8	24.3	16.4	11.2
State	9.87	17.02	29.8	17	6.3	21.2	27.7	26.4	12.6

NORMAL YIELDS IN BUSHELS PER ACRE.

District and Counties	Winter Wheat		Spring Wheat		Oats		Potatoes
	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated	Irrigated
	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.
1. Northwest—							
Grand	40	20	30	....	40	30	200
Jackson	....	....	30	....	40	....	180
Moffat	35	23	30	20	50	35	175
Rio Blanco	40	23	40	26	60	35	200
Routt	....	31	....	25	60	40	175
2. North Central—							
Adams	35	16	33	11	50	22	160
Boulder	34	19	35	16	50	24	170
Denver	35	15	33	11	....	....	....
Larimer	40	20	40	14	55	22	175
Weld	35	17	32	12	50	20	180
3. Northeast—							
Logan	30	16	28	12	52	22	150
Morgan	34	15	30	12	52	20	150
Phillips	....	18	....	12	....	22	....
Sedgwick	38	18	29	15	50	22	155
Washington	....	15	....	12	....	22	....
Yuma	....	16	....	12	....	25	140
4. West Central—							
Delta	34	23	32	13	54	20	190
Eagle	30	15	38	....	60	25	200
Garfield	40	18	38	20	58	25	190
Gunnison	....	....	38	20	50	33	170
Mesa	32	10	29	....	45	....	160
Montrose	37	19	36	13	54	20	200
Ouray	40	....	35	....	60	....	200
Pitkin	35	....	35	....	60	....	200
5. Central—							
Chaffee	30	....	36	10	53	20	150
Clear Creek	....	....	....	....	....	....	....
Fremont	28	12	28	15	54	28	160
Gilpin	....	....	....	....	....	....	....
Jefferson	40	19	35	16	58	28	160
Lake	....	....	....	....	....	....	....
Park	....	....	....	....	....	....	....
Summit	....	....	....	....	....	....	....
Teller	....	....	....	....	....	20	....
6. East Central—							
Arapahoe	42	14	37	11	60	20	175
Cheyenne	....	14	....	15	....	20	140
Douglas	....	18	20	15	40	25	150
Elbert	30	16	20	13	40	28	150
El Paso	28	18	20	15	40	25	....
Kit Carson	30	14	20	11	....	20	....
Lincoln	....	14	....	11	....	23	....
7. Southwest—							
Archuleta	38	18	33	18	50	35	200
Dolores	25	15	25	15	....	....	....
Hinsdale	....	....	....	....	....	....	....
La Plata	28	....	30	16	50	....	200
Mineral	....	....	....	....	....	....	....
Montezuma	28	15	26	13	48	18	175
San Juan	....	....	....	....	....	....	....
San Miguel	25	18	25	15	48	25	150
8. South Central—							
Alamosa	....	....	25	....	36	....	180
Conejos	22	....	25	....	38	....	200
Costilla	25	....	25	....	40	....	185
Custer	25	....	25	20	45	30	....
Huerfano	31	16	28	15	45	30	160
Rio Grande	25	....	30	15	40	....	220
Saguache	....	....	23	....	37	....	220
9. Southeast—							
Baca	31	13	28	11	43	21	....
Bent	37	12	32	10	54	....	....
Crowley	30	12	30	12	50	20	....
Kiowa	....	11	....	10	....	20	....
Las Animas	32	13	28	12	45	22	150
Otero	37	13	32	13	54	20	....
Prowers	36	10	30	10	46	19	....
Pueblo	35	15	32	15	52	20	140

Omission of figures indicates that the crop is not grown extensively and not reported.

NORMAL YIELDS IN BUSHELS PER ACRE.

trict and counties	Barley		Rye		Corn		Beans	
	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated
	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.
Northwest—								
nd	50	25	30	20	....	....	....	....
kson	....	40	20	15	....	....	....	....
rat	40	30	30	20	40	20	700	300
Blanco	50	25	35	20	40	20	....	....
tt	40	38	30	25	....	....	....	....
North Central—								
ms	35	20	25	14	35	20	800	500
lder	42	23	30	16	35	20	800	500
ver	30	18	22	10	....	....	....	....
imer	51	19	32	18	40	20	850	500
d	43	18	25	13	35	20	1000	500
Northeast—								
an	39	19	22	10	40	20	800	450
gan	43	17	23	12	35	18	900	400
lips	....	....	....	16	....	20	....	450
gwick	39	20	24	12	42	20	800	400
shington	....	23	....	11	....	20	....	400
na	....	22	....	12	....	21	....	450
West Central—								
a	40	20	30	15	40	....	1200	....
le	36	20	30	15	....	....	....	....
field	45	25	30	15	40	20	1000	400
nison	35	23	30	15	....	....	....	....
a	36	....	30	....	40	20	1000	300
trose	40	15	25	....	40	....	1200	400
ay	40	....	25	16	....	....	....	....
in	40	....	30	....	....	....	....	....
Central—								
ffee	42	12	30	15	....	....	800	....
r Creek	32	18	....	....	....	....	....	....
mont	34	18	23	14	48	20	1000	400
in	....	....	....	....	....	....	....	....
erson	50	23	23	15	37	20	1000	400
e	....	....	....	....	....	....	....	....
k	....	....	....	....	....	....	....	....
mit	....	....	....	....	....	....	....	....
er	....	20	....	10	....	....	....	....
East Central—								
ahoe	50	23	22	10	38	19	900	400
enne	....	23	....	15	....	19	....	300
glas	....	23	....	12	....	20	....	500
rt	....	20	....	14	35	22	....	500
Paso	35	23	....	15	35	22	....	400
Carson	35	20	30	15	30	20	....	350
coln	35	20	....	15	....	20	....	400
Southwest—								
nuieta	40	25	25	15	35	20	....	....
res	....	....	25	15	....	....	....	....
sdale	....	....	....	....	....	....	....	....
Plata	37	18	25	15	35	....	800	....
eral	....	....	....	....	....	....	....	....
tezuma	41	15	27	15	38	19	900	400
Juan	....	....	....	....	....	....	....	....
Miguel	35	20	25	15	35	20	900	450
South Central—								
nosa	32	....	....	....	....	....	....	....
ejos	40	....	....	....	....	....	800	....
illa	40	20	22	....	....	....	800	....
er	....	25	22	12	....	....	....	....
fano	43	28	22	10	30	16	800	450
Grande	39	20	20	....	....	....	700	....
ache	31	....	20	....	....	....	700	....
Southeast—								
	38	13	26	14	40	19	....	450
ley	39	16	25	....	45	15	1000	300
a	39	20	25	15	45	18	1000	400
Animas	....	16	....	12	....	18	....	350
o	36	18	21	13	38	18	1200	500
ers	46	....	30	13	45	15	1000	400
lo	32	16	28	12	45	15	1000	300
	41	10	30	14	45	19	900	300

Omission of figures indicates that the crop is not grown extensively and not reported.

**SUMMARY OF UNITED STATES CROP REPORT

		Acreage	Per Acre	Production Total		Farm Value Dec. 1 Per Unit	Total
Corn	1919	102,075,000	28.6	2,917,450,000	Bus.	$ 1.349	$3,934,234,00
	1918	104,467,000	24.0	2,502,665,000	Bus.	1.365	3,416,240,00
	Av. 1913-17	107,496,000	25.6	2,749,349,000	Bus.	.825	2,267,560,00
Winter Wheat	1919	49,905,000	14.7	731,636,000	Bus.	2.110	1,543,452,00
	1918	37,130,000	15.2	565,099,000	Bus.	2.063	1,165,995,00
	Av. 1913-17	34,196,000	16.2	555,190,000	Bus.	1.213	673,382,00
Spring Wheat	1919	23,338,000	9.0	209,351,000	Bus.	2.317	485,070,00
	1918	22,051,000	16.2	356,339,000	Bus.	2.009	715,831,00
	Av. 1913-17	18,124,000	13.0	235,444,000	Bus.	1.157	272,455,00
All Wheat	1919	73,243,000	12.8	940,987,000	Bus.	2.156	2,028,522,00
	1918	59,181,000	15.6	921,438,000	Bus.	2.042	1,881,826,00
	Av. 1913-17	52,320,000	15.1	790,634,000	Bus.	1.196	945,837,00
Oats	1919	42,400,000	29.4	1,248,310,000	Bus.	.717	895,603,00
	1918	44,349,000	34.7	1,538,124,000	Bus.	.709	1,090,322,00
	Av. 1913-17	40,583,000	32.8	1,331,287,000	Bus.	.483	643,187,00
Barley	1919	7,420,000	22.3	165,719,000	Bus.	1.209	200,419,00
	1918	9,740,000	26.3	256,225,000	Bus.	.917	234,942,00
	Av. 1913-17	7,780,000	25.6	199,212,000	Bus.	.724	144,242,00
Rye	1919	6,963,000	12.7	88,478,000	Bus.	1.345	119,041,00
	1918	6,391,000	14.2	91,041,000	Bus.	1.516	138,038,00
	Av. 1913-17	3,151,000	15.9	50,001,000	Bus.	1.090	54,489,00
Buckwheat	1919	790,000	20.6	16,301,000	Bus.	1.474	24,026,00
	1918	1,027,000	16.5	16,905,000	Bus.	1.665	28,142,00
	Av. 1913-17	824,000	17.8	14,691,000	Bus.	1.007	14,792,00
Flaxseed	1919	1,683,000	5.3	8,919,000	Bus.	4.389	39,145,00
	1919	1,910,000	7.0	13,369,000	Bus.	3,401	45,470,00
	Av. 1913-17	1,756,000	7.9	13,818,000	Bus.	1.822	25,170,00
Rice	1919	1,089,800	37.7	41,059,000	Bus.	2.670	109,613,00
	1918	1,118,550	34.5	38,606,000	Bus.	1.918	74,042,00
	Av. 1913-17	835,000	36.9	30,788,000	Bus.	1.120	34,468,00
Potatoes, Agr'l	1919	4,013,000	89.2	357,901,000	Bus.	1.614	577,581,00
	1918	4,295,000	95.9	411,860,000	Bus.	1.193	491,527,00
	Av. 1913-17	3,812,000	96.0	366,046,000	Bus.	° .880	322,292,00
	Com'l 1919	.....	.....	133,124	Cars	.....	.....
Sweet Potatoes	1919	1,029,000	100.7	103,579,000	Bus.	1.333	138,085,00
	1918	940,000	93.5	87,924,000	Bus.	1.352	118,863,00
	Av. 1913-17	730,000	94.8	69,209,000	Bus.	.821	56,843,00
Hay, tame	1919	56,348,000	1.62	91,326,000	Ton	20.15	1,839,967,00
	1918	55,755,000	1.37	76,660,000	Ton	20.13	1,543,494,00
	Av. 1913-17	52,026,000	1.52	78,921,000	Ton	12.51	987,297,00
Hay, wild	1919	15,686,000	1.11	17,340,000	Ton	16.67	289,120,00
	1918	15,365,000	.94	14,479,000	Ton	15.23	220,487,00
	Av. 1913-17	16,547,000	1.09	17,990,000	Ton	8.70	156,597,00
All Hay	1919	72,034,000	1.51	108,666,000	Ton	19.59	2,129,087,00
	1918	71,120,000	1.28	91,139,000	Ton	19.35	1,763,981,00
	Av. 1913-17	68,573,000	1.41	96,911,000	Ton	11.80	1,143,894,00
Tobacco	1919	1,901,200	730.8	1,389,458,000	Lbs.	.390	542,547,00
	1918	1,647,100	873.7	1,439,071,000	Lbs.	.280	402,264,00
	Av. 1913-17	1,348,000	809.1	1,090,641,000	Lbs.	.145	158,059,00
Cotton	1919	33,548,000	*157.2	11,030,000	Bales	* .357	1,977,073,00
	1918	36,008,000	* 159.6	12,040,532	Bales	.276	1,663,633,00
	Av. 1913-17	34,832,000	* 176.5	12,847,108	Bales	.154	946,339,00

*Pounds per acre, and price per pound.

**The December estimates of the Crop Reporting Board of the Bureau of Crop Estima
of the ACREAGE, PRODUCTION, and VALUE (based on prices paid to farmers on Decem
1) of important farm crops of the United States in 1919 and 1918, with the average
the five years 1913-1917, based on the reports of the correspondents and agents of the Bure
are as follows (1918 figures revised):

**SUMMARY OF UNITED STATES CROP REPORT

		Acreage	Per Acre	Production Total		Farm Value Dec. 1. Per Unit	Total
otton Seed	1919	.....	.....	4,898,000	Ton	$ 72.65	$ 355,840,000
	1918	.....	.....	5,360,000	Ton	64.99	348,346,000
	Av. 1913-17	.....	.....	5,727,000	Ton	37.23	213,198,000
over Seed	1919	686,000	1.6	1,099,000	Bu.	26.45	29,067,000
	1918	820,000	1.5	1,197,000	Bu.	19.80	23,705,000
ugar Beets	1919	696,503	9.18	6,396,860	Ton	10.75	68,750,000
	1918	594,010	10.01	5,948,798	Ton	10.00	59,494,000
	Av. 1913-17	600,962	10.05	6,038,181	Ton	6.07	36,642,000
eet Sugar	1919	696,503	2,193.	1,527,696,000	Lbs.	.....	.....
	1918	594,010	2,562.	1,521,900,000	Lbs.	.....	.....
	Av. 1913-17	600,962	2,606.	1,566,216,000	Lbs.	.....	.....
ane Sugar (La.)	1919	.....	.....	.....	.....	.....	.....
	1918	231,200	2,430.	561,800,000	Lbs.	.....	.....
	Av. 1913-17	221,800	2,201.	488,159,000	Lbs.	.....	.....
aple Cane and Sirup (as sugar)	1919	†19,002,700	§ 2.18	41,506,800	Lbs.	° 26.9	11,172,000
	1918	†19,312,200	2.72	52,513,000	Lbs.	° 23.1	12,122,000
ugar Beet Seed	1919	11,100	604.	6,700,000	Lbs.	.....	.....
	1918	5,872	757.	4,443,000	Lbs.	.....	.....
rghum Sirup	1919	386,200	86.3	33,312,000	Gal.	107.5	35,826,000
	1918	374,800	79.1	29,643,000	Gal.	96.3	28,532,000
	Av. 1913-17	208,965	88.7	18,539,000	Gal.	.....	.....
anuts	1919	1,251,400	26.6	33,263,000	Bus.	240.0	79,839,000
	1918	1,865,400	24.7	46,010,000	Bus.	173.7	79,929,000
ans (6 States)	1919	1,018,000	11.3	11,488,000	Bus.	4.28	49,181,000
	1918	1,744,000	10.0	17,397,000	Bus.	5.28	91,863,000
affirs (7 States)	1919	4,893,000	25.8	126,058,000	Bus.	129.7	163,452,000
	1918	6,036,000	12.1	73,241,000	Bus.	150.0	109,881,000
oom Corn (7 St's)	1919	271,600	391.0	53,100	Ton	$152.58	8,102,000
	1918	366,000	157.9	57,800	Ton	$220.93	12,770,000
ions (22 States)	1919	47,635	269.4	12,833,500	Bus.	212.8	27,307,000
	1918	64,715	298.8	19,336,000	Bus.	139.4	26,957,000
bbage (29 States)	1919	68,135	6.5	443,400	Ton	56.28	24,955,000
	1918	92,715	7.4	684,812	Ton	37.01	25,344,000
ps (4 States)	1919	23,900	1,227.9	29,346,000	Lbs.	.772	22,656,000
	1918	25,900	829.4	21,481,000	Lbs.	.193	4,150,000
anberries (3 St's)	1919	26,100	20.7	541,000	Bbl.	8.36	4,520,000
	1918	25,400	13.9	352,000	Bbl.	10.77	3,791,000
ples, total	1919	.....	.....	147,457,000	Bus.	1.868	275,463,000
	1918	.....	.....	169,911,000	Bus.	1.328	225,562,000
	Av. 1913-17	.....	.....	197,855,000	Bus.	.840	166,140,000
ples, com'rc'l	1919	.....	.....	26,174,000	Bbl.	5.92	154,950,000
	1918	.....	.....	24,743,000	Bbl.	5.12	126,684,000
aches	1919	.....	.....	51,340,000	Bus.	1.900	97,528,000
	1918	.....	.....	34,133,000	Bus.	1.614	55,092,000
	Av. 1913-17	.....	.....	48,837,000	Bus.	1.080	52,721,000
rs	1919	.....	.....	13,498,000	Bus.	1.84	24,833,000
	1918	.....	.....	12,993,000	Bus.	1.378	17,902,000
	Av. 1913-17	.....	.....	11,713,000	Bus.	.946	11,075,000
anges (2 States)	1919	.....	.....	23,916,000	Box	2.68	64,169,000
	1918	.....	.....	24,200,000	Box	3.68	89,105,000
Beans	1919	157,900	14.1	2,233,000	Bus.	3.45	7,704,000
	1918	160,500	17.5	2,803,000	Bus.	3.19	8,953,000
Peas	1919	1,398,000	7.2	10,042,000	Bus.	2.729	27,400,000
	1918	1,897,000	6.3	11,896,000	Bus.	2.332	27,738,000
Total	1919	359,124,473	.....	.....	.....	.....	14,092,740,000
	1918	356,497,162	.....	.....	.....	.....	12,600,526,000

†Trees tapped. §Per tree. °May 15.
Details by States will appear in the December "Monthly Crop Reporter."

LIVESTOCK REPORTED BY COUNTY ASSESSORS, 1919.

Districts and Counties	Horses	Mules	Range Cattle	Milch Cows	Sheep
1. Northwest—					
Grand	2,953	30	16,666	1,174	3,947
Jackson	3,747	96	45,270	566	3,525
Moffat	8,255	136	44,121	1,409	19,220
Rio Blanco	5,208	211	50,362	1,030	2,864
Routt	8,794	137	43,279	3,736	48,954
2. North Central—					
Adams	7,449	4,117	12,236	5,119	7,219
Boulder	5,180	451	10,013	4,889	305
Denver	2,968	120	.....	1,650	.....
Larimer	10,505	623	27,865	5,775	16,329
Weld	35,608	3,155	44,612	13,007	13,156
3. Northeast—					
Logan	11,481	1,076	27,149	5,401	159
Morgan	10,743	749	16,841	4,313	2,275
Phillips	5,242	390	7,870	2,036	.....
Sedgwick	5,330	147	9,900	1,030	949
Washington	16,566	1,120	32,676	233	11,442
Yuma	16,115	2,299	37,446	4,350	850
4. West Central—					
Delta	6,766	421	25,432	3,767	27,667
Eagle	2,437	68	21,963	960	4,365
Garfield	6,086	190	42,551	2,787	26,180
Gunnison	3,420	135	37,183	130	42,821
Mesa	7,605	336	48,108	4,852	25,669
Montrose	7,823	277	28,307	2,910	52,157
Ouray	1,475	66	8,383	307	8,166
Pitkin	1,535	15	7,035	640	7,570
5. Central—					
Chaffee	1,604	14	8,174	745	10,196
Clear Creek	294	4	856	142	2,685
Fremont	2,851	269	16,305	859	1,070
Gilpin	205	4	610	52	350
Jefferson	5,018	100	13,939	4,632	8,898
Lake	672	11	1,167	361	15,244
Park	2,330	69	18,435	717	47,981
Summit	754	8	3,897	364	116
Teller	1,370	78	6,742	582	.....
6. East Central—					
Arapahoe	4,212	408	10,103	4,110	10,797
Cheyenne	4,609	454	30,212	1,838	9,627
Douglas	2,616	83	17,621	4,834	814
Elbert	7,248	982	22,080	6,649	25,807
El Paso	6,086	1,201	27,507	6,868	2,420
Kit Carson	15,361	1,291	29,179	5,836	1,256
Lincoln	8,482	963	35,477	3,039	11,100
7. Southwest—					
Archuleta	1,542	30	12,275	514	61,593
Dolores	924	64	9,798	180	10,722
Hinsdale	378	21	2,436	92	254
La Plata	4,487	190	18,421	1,801	42,462
Mineral	543	10	18,761	76	5,093
Montezuma	3,773	252	15,618	1,888	41,578
San Juan	86	55	70	62	16,097
San Miguel	1,871	109	17,764	821	7,364
8. South Central—					
Alamosa	2,342	202	10,578	853	17,888
Conejos	4,126	322	13,956	849	87,692
Costilla	1,762	175	3,223	424	21,878
Custer	1,393	52	9,543	640	80
Huerfano	2,645	543	13,245	640	15,245
Rio Grande	3,475	600	13,037	1,744	65,842
Saguache	4,138	239	34,526	531	93,821
9. Southeast—					
Baca	10,629	2,242	38,559	540	3,691
Bent	6,626	741	19,322	1,347	24,012
Crowley	4,518	450	8,771	2,109	248
Kiowa	3,088	424	23,145	1,474	10,670
Las Animas	12,031	1,451	56,263	2,291	55,737
Otero	9,676	1,232	17,652	3,941	15,790
Prowers	10,653	1,372	31,905	2,424	16,197
Pueblo	7,159	671	25,694	3,955	2,004
	354,868	33,751	1,302,135	142,895	1,090,108