

BULLETIN NO. 29  
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# Crop Report for Colorado

U. S. Department of Agriculture  
Bureau of Markets and Crop Estimates

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United States figures are not generally presented in the text on account of lack of space, but will be found in the table on page 4. Estimates of condition and production with comparisons for a few of the important state crops are presented only in the same table. Agricultural outlook, representing the estimated amount of moisture in the soil, compared with normal, was 86 per cent on October 1, compared with 100.7 per cent on September 1, and 93 per cent last year on October 1. The composite condition of all crops in the state on October 1 was 101.8 per cent of the ten-year average, a decline of 3.8 points during September. On page 3 a table is presented showing the average yield per acre of the principal crops, by counties, as reported by the United States Census Bureau for the years 1919 and 1909, and the resulting average yields for the state.

**Corn**—The effect of the drouth since about June 1 in the north-eastern part of the state continued to be apparent in the condition figures for corn, which was 70 per cent on October 1, or 22 points below the figure for the same time last year, and 6 points below the ten-year average for this date. The indicated production is 15,775,000 bushels, compared with a tentative estimate of 18,940,000 bushels last year. These production figures are based on the assumption that approximately 80 per cent of the acreage planted to corn will be harvested for grain.

**Spring Wheat**—A state average of 19 bushels per acre is the preliminary estimated yield of spring wheat in Colorado this year, which indicates a crop of 5,776,000 bushels. This, added to the estimated winter wheat crop, makes a total wheat crop for the state of 30,276,000 bushels, compared with a tentative estimate of 25,467,000 bushels for last year. The Census Bureau reported 18,261,000 bushels for 1919. Present estimates indicate this to be the record crop of the state.

**Potatoes**—The state potato crop on October 1 was estimated at 11,360,000 bushels, compared with a final estimate of 10,920,000 for last year. The condition of the crop on October 1 was 81 per cent, compared with 84 per cent on October 1 last year and 72 per cent, the ten-year average. The decline of 740,000 bushels in the state crop during September was due largely to the effect of the hot weather during the latter part of August and the injury to the vines by frost early in September. In contrast with the decline in the state crop, the national crop improved during September about 22,859,000 bushels, making a total estimated production for the United States of 345,844,000 bushels. Even with the improvement during September, the crop is still 82,524,000 bushels short of the 428 million bushel crop of 1920.

and over 25,000,000 bushels below the 1915-19, five-year average, of 371,000,000 bushels. Figures for leading potato states are given below for comparison.

Potato crop in important states in bushels:

	Oct. 1, 1921	1920 Crop		Oct. 1, 1921	1920 Crop
Maine .....	32,779,000	22,140,000	Nebraska .....	7,106,000	8,415,000
New York .....	33,136,000	46,250,000	Idaho .....	9,198,000	7,000,000
Pennsylvania ..	24,662,000	36,455,000	Washington .....	7,466,000	8,680,000
Michigan .....	27,193,000	35,700,000	California .....	12,936,000	13,015,000
Wisconsin .....	23,263,000	33,264,000	Colorado .....	11,360,000	10,920,000
Minnesota .....	23,359,000	28,025,000			
Group totals.....	164,392,000	201,834,000	Group totals.....	48,066,000	48,030,000
Total eleven states.....				212,458,000	249,864,000
Total U. S. estimates, October 1 forecast.....				346,844,000	428,368,000

**Apples**—The October 1 estimate places the Colorado apple crop at 3,336,000 bushels, about equal to the crop of 1919, which was reported by the Census Bureau as 3,418,000 bushels. The national crop improved slightly from September 1, and on October 1 was figured at 109,710,000 bushels, compared with 244,022,000 bushels in 1920.

Commercial apple crop in barrels for important states:

	October 1 Forecast	1920 Crop		October 1 Forecast	1920 Crop
New York .....	3,582,000	9,275,000	Missouri .....	88,000	1,033,000
Pennsylvania ..	403,000	2,000,000	Arkansas .....	19,000	724,000
Virginia .....	198,000	2,636,000	Oregon .....	999,000	800,000
W. Virginia .....	124,000	1,167,000	Idaho .....	1,048,000	781,000
Ohio .....	430,000	1,363,000	Washington .....	6,793,000	4,590,000
Illinois .....	418,000	1,441,000	Colorado .....	834,000	736,000
Michigan .....	970,000	3,167,000			
Group totals.....	6,125,000	21,049,000	Group total .....	9,731,000	8,664,000
Total fourteen states.....				15,906,000	29,713,000
Total U. S. estimates, October 1 forecast.....				19,766,000	37,239,000

**GENERAL REVIEW OF UNITED STATES CROP CONDITIONS,  
OCTOBER 1, 1921.**

The composite condition of all crops of the United States on October 1 or at time of harvest was 1.8 per cent lower than their ten-year average condition on that date, as compared with a condition of 0.1 per cent below average on September 1. Final yields per acre of crops last year were about 6.9 per cent above average. The index number of aggregate crop production this year is about 16.9 per cent lower than last year. This year the total acreage in cultivated crops is about 2.5 per cent less than last year. The total percentage of production of important products compared with last year is estimated as follows: Corn, 97.9; wheat, 94.2; oats, 70.1; barley, 80.7; rye, 92.3; buckwheat, 103.6; white potatoes, 80.8; sweet potatoes, 95.5; tobacco, 65.8; flaxseed, 80.8; rice, 61.5; hay (all), 87.6; clover hay, 80.3; clover seed, 77.3; cotton, 48.7; apples, 45.1; peaches, 76.0; pears, 56.1; cranberries, 90.0; sorghum (syrup), 104.5; sugar beets, 92.6; grain sorghums, 88.9; broom corn, 88.8; beans, 102.8; peanuts, 88.7.

**Trend of Farm Prices:** The level of prices paid producers of the United States for the principal crops increased about 2.1 per cent during September; in the past ten years the price level decreased about 4.8 per cent during September. On October 1 the index figure of prices was about 44.8 per cent lower than a year ago, 52.7 per cent lower than two years ago, and 29.2 per cent lower than the average of the past ten years on October 1. The prices of meat animals—hogs, cattle, sheep and chickens—to producers of the United States decreased 10.4 per cent from August 15 to September 15; in the past ten years the prices decreased in like period 0.3 per cent. On September 15 the index figure of prices for these meat animals was about 41.8 per cent lower than a year ago, 47.1 per cent lower than two years ago, and 25.5 per cent lower than the average of the past ten years on September 15.

**AVERAGE YIELDS OF PRINCIPAL CROPS PER ACRE AS REPORTED BY THE CENSUS BUREAU.**

Counties	WHEAT		CORN		OATS		BARLEY		HAY		POTATOES	
	1919 Bu.	1909 Bu.	1919 Bu.	1909 Bu.	1919 Bu.	1909 Bu.	1919 Bu.	1909 Bu.	1919 Tons	1909 Tons	1919 Bu.	1909 Bu.
<b>1. Northwest.</b>												
Grand	12.40	12.20	.....	.....	22.00	28.50	34.20	17.90	1.18	1.22	73.81	140.36
Jackson	.....	38.30	.....	.....	12.50	18.54	8.89	24.80	.92	1.11	82.97	130.26
Moffat	7.50	.....	11.06	.....	18.80	.....	22.37	.....	1.19	.....	46.23	.....
Rio Blanco	13.74	30.71	15.58	.....	35.47	43.75	17.83	25.25	1.66	2.14	109.41	171.48
Routt	14.12	25.40	12.47	31.20	27.28	30.10	18.70	24.00	1.92	1.73	98.98	188.72
<b>2. North Cent.</b>												
Adams	6.57	24.39	9.78	16.51	15.69	28.55	12.63	26.20	2.27	1.99	76.83	85.48
Boulder	18.99	31.86	18.01	22.90	24.81	33.90	21.49	33.27	1.94	2.24	80.89	103.16
Denver	20.95	22.97	19.12	14.31	38.39	10.60	10.95	25.00	3.18	2.52	34.72	89.50
Larimer	18.07	29.21	11.87	20.40	32.28	29.96	21.74	27.60	1.75	1.76	60.95	99.95
Weld	12.87	29.58	9.20	16.48	24.51	32.50	20.66	34.10	1.96	1.90	94.03	151.52
<b>3. Northeast.</b>												
Logan	12.11	15.44	9.73	16.10	19.32	31.60	18.55	20.80	1.32	1.45	30.90	82.80
Morgan	7.48	20.98	10.42	18.47	30.31	31.50	23.96	34.40	1.93	1.80	68.00	119.45
Phillips	15.60	14.20	18.80	18.20	15.18	20.80	16.35	19.60	.67	1.11	35.54	59.33
Sedgwick	15.71	17.88	15.43	19.44	20.51	28.50	23.59	23.30	.87	1.24	42.25	90.67
Washington	12.57	11.67	8.19	12.83	13.85	18.70	10.01	24.00	.70	.82	26.04	58.69
Yuma	16.89	14.12	9.97	11.51	22.86	23.60	19.66	21.50	.99	1.18	24.46	51.31
<b>4. West Cent.</b>												
Delta	22.08	23.97	31.07	25.60	31.28	39.37	24.17	30.00	1.94	1.99	156.57	145.18
Eagle	24.70	26.60	48.33	1.80	48.00	46.60	26.74	42.50	1.96	2.01	229.59	200.05
Garfield	18.80	24.90	22.93	24.00	32.50	38.10	30.13	27.00	1.98	2.99	176.61	218.86
Gunnison	.....	18.30	.....	.....	28.63	26.26	20.41	24.10	1.46	1.30	110.04	103.47
Mesa	22.44	25.86	28.94	25.43	31.79	34.17	29.00	27.30	2.41	3.16	96.63	121.12
Montrose	27.42	30.91	30.94	24.50	35.70	24.50	19.39	25.20	2.58	2.97	177.19	194.73
Ouray	23.03	27.45	.....	.....	30.13	37.45	18.39	18.83	1.66	1.79	125.54	208.77
Pitkin	31.11	33.32	.....	51.33	39.10	39.10	32.72	20.40	1.85	2.08	223.10	210.17
<b>5. Central.</b>												
Chaffee	21.90	23.80	.....	.....	32.10	26.10	28.95	22.20	1.49	1.86	71.35	162.39
Clear Creek	.....	30.00	.....	.....	19.50	12.40	54.15	.....	1.06	1.61	49.63	87.73
Fremont	15.47	12.00	22.67	17.72	31.95	27.20	20.60	29.40	1.92	2.16	46.81	78.01
Gilpin	5.31	12.50	.....	.....	11.60	30.00	12.67	15.00	.97	1.06	67.66	68.83
Jefferson	19.89	24.12	18.56	22.60	21.07	23.65	20.10	15.90	1.95	1.90	77.53	87.00
Lake	.....	25.00	.....	.....	.....	.....	.....	.....	.71	1.43	.....	69.00
Park	.....	10.00	15.00	.....	18.27	15.21	15.88	15.07	.78	.77	53.87	86.90
Summit	.....	28.90	.....	.....	21.59	38.86	10.86	15.46	1.41	1.11	84.48	111.87
Teller	.....	.....	.....	.....	9.07	51.36	11.78	27.00	.90	1.13	48.59	85.23
<b>6. East Cent.</b>												
Arapahoe	7.97	24.13	10.12	18.68	21.07	28.80	15.68	34.00	2.56	2.26	52.21	46.76
Cheyenne	12.50	12.10	17.60	15.90	13.61	25.30	16.00	17.10	1.11	1.35	25.27	71.66
Douglas	9.50	16.70	11.40	19.30	17.40	15.80	13.99	13.90	1.41	1.58	30.12	54.65
Elbert	8.50	11.10	14.00	15.90	13.35	14.80	9.77	13.80	1.11	1.23	25.44	66.18
El Paso	10.42	9.73	14.45	15.36	14.72	13.77	11.00	11.20	1.06	1.17	26.63	56.30
Kit Carson	9.38	10.55	10.28	12.12	13.24	20.80	14.13	15.56	.96	1.10	27.86	70.29
Lincoln	7.67	13.96	14.91	17.22	12.81	19.50	11.34	20.60	.83	1.03	22.66	82.34
<b>7. Southwest.</b>												
Archuleta	21.00	16.90	13.26	18.70	38.00	20.80	27.60	19.30	1.66	1.58	60.06	156.97
Dolores	17.50	27.00	20.30	40.00	25.30	42.40	11.45	24.00	1.54	1.73	67.27	195.62
Hinsdale	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
La Plata	20.85	19.47	25.86	24.10	34.40	31.45	25.90	23.60	1.37	1.19	73.00	91.78
Minal	.....	.....	.....	.....	38.00	.....	.....	.....	2.02	1.86	102.24	126.11
Montezuma	16.24	26.58	19.03	25.31	33.13	32.90	27.16	22.50	.94	.95	62.17	271.11
San Miguel	19.10	22.90	23.66	43.80	38.47	42.07	20.60	17.50	2.21	2.19	99.24	179.03
<b>8. South Cent.</b>												
Alamosa	13.49	.....	.....	.....	18.80	.....	15.88	.....	1.25	.....	102.90	.....
Conejos	17.69	19.10	13.10	13.10	10.52	25.00	22.98	26.90	1.21	1.18	77.41	113.75
Costilla	16.27	14.00	10.40	10.40	25.70	17.30	23.46	.....	1.25	1.01	29.24	82.39
Custer	18.61	13.58	12.99	13.40	23.51	21.47	19.95	17.07	1.38	1.08	42.52	107.32
Huerfano	12.08	18.37	12.61	16.68	24.97	28.16	27.53	25.00	1.93	1.96	23.21	122.03
Rio Grande	24.39	23.66	16.25	20.00	29.02	25.78	19.67	18.30	1.33	1.10	200.77	180.57
Saguache	21.10	21.10	19.48	.....	23.70	25.30	18.60	17.70	1.07	1.02	126.58	154.04
<b>9. Southeast.</b>												
Baca	13.00	7.50	20.40	8.20	16.59	12.30	15.41	.....	1.21	1.86	37.99	39.17
Bent	29.87	25.20	24.21	11.20	35.42	33.40	29.14	33.60	2.13	1.85	56.07	.....
Crowley	21.59	.....	.....	.....	25.23	.....	25.98	.....	2.47	.....	24.29	.....
Kiowa	.....	19.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Las Animas	12.77	8.52	19.84	12.69	19.66	15.10	17.36	10.50	1.18	.79	23.68	34.22
Otero	15.45	15.65	15.03	14.28	25.84	21.82	23.48	13.30	1.70	1.91	33.34	98.51
Prowers	33.97	24.90	34.38	23.90	50.13	31.90	37.08	27.50	2.87	2.92	64.77	73.40
Pueblo	24.58	23.18	27.24	15.68	33.43	32.30	27.05	41.60	1.94	2.31	104.23	36.28
State	13.27	12.88	20.86	15.65	28.62	24.34	19.85	16.40	3.61	2.18	27.03	69.00
State	13.74	21.20	13.43	15.02	26.03	27.70	18.31	26.45	1.65	1.73	114.69	137.24

**SUMMARY OF THE OCTOBER 1, 1921, CROP AND LIVESTOCK REPORT FOR  
COLORADO AND THE UNITED STATES**

Subject	COLORADO			UNITED STATES		
	1921	1920	Average	1921	1920	Average
<b>Corn—</b>						
Acres planted in.....	1,133	1,144‡	1,060*	-----	-----	-----
Acres for grain.....	906	915‡	753§	108,901	104,600	100,075*
Condition, per cent..	70	92	76	84.8	89.1	75.7
Production, bus. ....	15,755	18,940‡	10,106§	3,163,063	3,232,000	2,798,000‡
<b>All Wheat—</b>						
Acres for harvest....	1,704	1,386‡	1,320§	56,574	57,192	52,445*
Production, bus. ....	30,276	25,467‡	18,261§	740,655	787,128	831,060‡
Pct. Mkt'd by Oct. 1	60	-----	-----	32.1	-----	-----
<b>Winter Wheat—</b>						
Acres for harvest ..	1,400‡	1,096‡	1,032§	38,721	37,773	34,059*
Production, bus. ....	24,500‡	19,841‡	13,675§	543,879	577,763	572,000‡
<b>Spring Wheat—</b>						
Average yield .....	19	19.4	15.4§	10.9	10.8	-----
Production, bus. ....	5,776	5,626‡	4,586§	196,776	209,365	258,000‡
<b>Oats—</b>						
Yield per acre .....	31	31.6	26.4§	24.0	35.2	29.4*
Production, bus. ....	7,502	8,058	4,536§	1,078,519	1,526,055	1,433,000‡
<b>Barley—</b>						
Yield per acre .....	25	24.6	18.3§	21.2	25.0	22.4*
Production, bus. ....	4,650	4,674	-----	163,399	202,024	208,000‡
<b>Rye—</b>						
Production, bus. ....	1,540	1,357	1,089§	64,332	69,318	44,547*
<b>White Potatoes—</b>						
Acres for harvest....	85	78	77§	3,972	3,929	3,952*
Condition, per cent..	81	84	72	66.5	82.7	73.4
Production, bus. ....	11,360	10,920	8,875§	345,844	428,368	371,000‡
<b>Tame Hay—</b>						
Acres for harvest..	1,224	1,236	1,200*	57,432	57,915	56,552*
Production, tons ....	2,815	2,966	2,700*	79,830	91,193	91,883*
<b>Wild Hay—</b>						
Acres for harvest..	356	367	350*	14,946	15,266	15,708*
Production, tons ....	392	426	360*	14,811	17,040	17,269*
<b>All Hay—</b>						
Production, tons ....	3,207	3,392	3,066*	94,641	108,233	103,400‡
<b>Grain Sorghums—(Six States)—</b>						
Condition, per cent..	86	93	84	85.3	94.7	71.8‡
Production, bus. ....	2,270	2,159	1,378*	127,930	144,000	128,000*
<b>Pastures—</b>						
Condition, per cent..	92	91	88	84.8	86.2	81.5
<b>Field Beans—(Six States)—</b>						
Production, bus. ....	468	504	448*	9,332	9,075	11,935*
<b>Apples—</b>						
Condition, per cent..	70	60	63	35.0	74.7	56.7
Agr'l Prod'n, bus....	3,336	2,760	3,418§	109,710	244,022	183,000‡
Com'l Prod'n, bbls...	890	721	828*	19,766	37,239	-----
<b>Peaches—</b>						
Production, bus. ....	910	585	840*	33,031	43,700	46,000‡
<b>Pears—</b>						
Production, bus. ....	352	338	290*	9,475	17,279	15,472*
<b>Sugar Beets—</b>						
Production, tons ....	2,366	2,325	-----	7,916	8,546	6,220‡

Notes—\*1919 final estimates; † 1915-19 five-year averages; \* 1912 to 1916 average; § 1919 Federal Census; average, unless otherwise designated, are ten-year averages; ‡ tentative revision on basis of Federal Census, county assessors and other information available since December, 1920; estimates on acreage in the above table are preliminary and subject to revision.

The figures on acreage and production merely enumerate thousands and require the addition of three ciphers (000) to complete them.

Abbreviation—Agricultural, Agr'l; Condition, Cond'n; Commercial, Com'l; Per cent, Pct.; Production, Prod'n.