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Crop Report for Colorado

U. S. Department of Agriculture

Bureau of Agricultural Economics
(Division of Crop and Livestock 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, as are also estimates of production with comparisons for some of the important crops of the state. See notes at the bottom of page 4 for further explanation.

General Conditions—On account of the continuation of favorable weather Colorado crop prospects changed but little during October and reached November 1 with figures still several points above the ten-year average for this date. The amount of moisture in the soil compared with normal was 115 per cent on November 1, compared with 108 per cent on October 1, 48 per cent on November 1 last year, and 78 per cent for the same date in 1921. The average yield per acre this year for all crops combined, duly weighted, compared with their average yield for recent years was 93.5 per cent.

Corn—Corn reached November 1 in generally the best combined quality and quantity situation ever made in Colorado. Ample and timely moisture for nearly all sections with very little frost damage favored full maturity. The average yield is 24 bushels per acre compared to 16 bushels last year. On the basis of present yield, and assuming that the entire 1,431,000 acres planted will be harvested for grain, the production is placed at 34,344,000 bushels compared with 18,320,000 bushels last year. The yields and quality of corn are especially good in the northeastern counties where about 43 per cent of the acreage is represented. Average yields for the irrigated acreage generally range from 20 to 45 bushels to the acre with non-irrigated yields averaging from 20 to 30 bushels. Only about 10 per cent of the corn acreage is on irrigated farms. Estimates indicate that about 89 per cent of the corn is of merchantable quality as compared with 82 per cent last year and 83 per cent the ten-year average. The small holdover of last year's crop is estimated at 2 per cent (366,000 bushels) compared to 6 per cent (959,000) bushels last year, and 12 per cent (2,908,000 bushels) from the 1920 crop. Yuma county leads in corn production this year, having over 160,000 acres, with Washington, Logan and Kit Carson counties near competitors. In point of acreage and quantity production in bushels, corn is the leading single crop of the state, and bids for first place in value at present price levels, which are around 60 to 70 cents per bushel. The United States corn production is estimated at 3,029,271,000 bushels, about the same forecast as a month ago. This is about 140,000,000 bushels greater than the crop of last year, but is 39,000,000 below that of 1921 and 179,000,000 bushels below that of 1920. The crop is reported as uneven in yield and quality. Considerable frost damage occurred in New England, New York, and in the central part of the corn belt. Considerable corn is reported to be blown down and lost in many of the east-central states. There is considerable soft and chaffy corn and the per cent of merchantable quality is 79.4, compared with 85.6 last year, and a ten-year average of 83.7.

Potatoes—Colorado potatoes dropped off another 1,526,000 bushels during October and hit close to the thirteen and one-half million point. On the basis of 128,000 acres planted, the crop is placed at 13,440,000 bushels, compared with 14,966,000 bushels a month ago and 18,460,000 bushels the final figure for last year. The depreciation in the crop is attributed largely to losses from storms and freezing during the latter part of October. A further reduction for the final estimate will result at the end of the season on account of the downward revision of acreage in line with acreage harvested compared to the preliminary estimate of acreage planted. While prospects were generally

declining in Colorado and most other western states, except Idaho, California and Washington, the crop was gaining in eastern sections, particularly in Maine, New York, Pennsylvania and Michigan, in territory not competitive with the west, until the net advance during October for the United States crop was about 12,300,000 bushels, bringing the November 1 estimate up to 416,722,000 bushels compared with the final estimate of 451,185,000 bushels for last year. By a comparison of the figures for important states, as listed here, it will be noted that the great gains are chiefly in the extreme east with New York leading, followed closely by Pennsylvania, Maine and Michigan.

STATE	Forecasts		Final Estimate Dec. 1922	*Gains or -Declines Dur- ing Oct. 1923
	November 1 1923	October 1		
Maine	33,480,000	31,310,000	21,600,000	*2,170,000
New York	39,406,000	34,264,000	37,400,000	*5,142,000
New Jersey	7,440,000	6,960,000	16,435,000	* 480,000
Pennsylvania	27,195,000	22,844,000	28,512,000	*4,351,000
Ohio	12,348,000	11,778,000	11,214,000	* 670,000
Illinois	10,948,000	10,539,000	7,497,000	* 409,000
Michigan	34,980,000	32,970,000	37,842,000	*2,010,000
Wisconsin	26,112,000	26,634,000	40,672,000	- 522,000
Minnesota	38,304,000	38,902,000	43,740,000	- 598,000
North Dakota	12,284,000	12,321,000	17,820,000	- 37,000
South Dakota	8,536,000	8,534,000	8,580,000	- 2,000
Nebraska	9,440,000	9,506,000	11,676,000	- 66,000
Colorado	13,440,000	14,966,000	18,460,000	-1,526,000
Idaho	11,725,000	10,609,000	15,910,000	*1,116,000
Montana	4,070,000	4,618,000	5,796,000	- 548,000
Washington	8,250,000	8,253,000	9,425,000	* 5,000
California	7,950,000	7,478,000	10,260,000	* 472,000
Totals, 17 states.....	305,908,000	292,486,000	342,839,000	*13,422,000
Totals, United States.....	416,722,000	404,424,000	451,185,000	*12,298,000

The carlot shipments of potatoes from Colorado to November 3, this year, are a little less than to date last year, being 5,000 cars, compared to 5,316 cars, and a total from the 1922 crop of 15,407 cars. The average of all shipments for the state for the past five seasons is 13,406 cars. The shipments for the entire 1923 crop of the United States to November 3 amount to 111,310 cars, compared to 130,159 cars to November 4 last year, and a total of 253,738 cars from the entire 1922 crop. The average for five seasons has been 207,022 cars. The total late potato state shipments from 1922 crop were 185,644 cars. The corresponding average for five seasons is 154,776 cars. The carlot shipments up to November 3, this year, from the late states, amount to 65,413 cars, compared to 65,440 cars to November 4 last year.

Apples—The November 1 estimate places the Colorado apple crop at 2,871,000 bushels, about 1,400,000 bushels less than last year when the crop was estimated at 4,250,000 bushels and 547,000 bushels less than the crop of 1919 reported by the Federal census as 3,418,000 bushels. The national crop is estimated at 193,855,000 bushels, an improvement of 3,128,000 bushels over the estimates of October 1. Last year the crop amounted to 201,252,000 bushels. The commercial apple crop in barrels for important states is given below for comparison:

State	Nov. 1, 1923	1922 Crop	State	Nov. 1, 1923	1922 Crop
Maine	631,000	232,000	Washington	9,075,000	7,104,000
Michigan	2,118,000	1,699,000	West Virginia	1,228,000	881,000
New York	4,512,000	6,000,000	Idaho	1,318,000	975,000
Arkansas	656,000	520,000	Virginia	1,797,000	1,100,000
Pennsylvania	1,266,000	1,216,000	Missouri	707,000	1,250,000
Colorado	803,000	1,034,000	Illinois	983,000	1,620,000
California	1,602,000	1,200,000			
Oregon	1,680,000	1,260,000			
Ohio	1,033,000	608,000			
			Total, 15 states.....	29,409,000	26,639,000
			Total, U. S.....	33,522,000	30,955,000

Acreage and Production—The price index of all crops for the United States on November 1 was 21.2 per cent more than a year ago and 23.8 per cent less than the average of the preceding five years. The production index is about 0.5 per cent less than last year's aggregate production and the same as the average of the preceding five years, 1917-21. The average yields per acre this year of all crops combined, for the United States, compared with their average yields for recent years, is 96.1. This year the total acreage in cultivated crops is about 0.6 per cent less than last year. The total production of important products compared with last year, expressed in percentages, is estimated as follows (October 1 Report): Corn, 104.5; wheat, 90.7; oats, 108.4; barley 107.0; rye, 67.9; buckwheat, 92.7; white potatoes, 89.0; sweet potatoes, 88.0; tobacco 110.3; flaxseed, 167.5; rice, 77.9; hay (all) 91.2; clover seed, 66.7; cotton, 112.8; apples 95.0; peaches, 80.4; pears, 79.1; cranberries, 94.7; hops, 61.4; sorghum for syrup, 92.6; sugar beets, 127.8; grain sorghums, 116.8; broom corn, 194.1; beans, 125.2; peanuts, 111.5

**AVERAGE NUMBER OF ACRES OF PRINCIPAL CROPS GROWN PER FARM IN 1923
AS REPORTED BY COUNTY ASSESSORS.**

County	Corn	Winter Wheat	Spring Wheat	Oats	Barley	Rye	Sorghum	Sugar Beets	Pota- toes	Al- falfa
1. Northwest—										
Grand	.21	.35	.04	1.50	.31	.27	.....	.01	.29	1.16
Jackson	.01	.06	.....	.47	.18	.09	.....	.....	.05	.05
Hotat	3.16	.96	3.43	3.27	.42	1.97	.43	.01	.31	5.29
Bo Blanco	.27	1.10	7.82	5.84	1.87	.78	.....	.01	.19	21.91
Outt	.96	3.32	10.76	12.39	5.99	.24	.01	.....	1.34	5.05
2. North Central—										
Dams	22.47	35.52	8.73	3.17	3.63	1.92	6.28	3.52	.64	13.84
Boulder	11.21	15.89	14.26	4.98	3.67	.08	.04	9.01	.32	22.37
Armer	11.54	6.90	13.63	6.68	3.79	.15	.02	11.97	.79	36.35
Field	19.40	15.80	15.27	6.22	2.52	6.32	3.09	10.84	5.59	22.95
3. Northeast—										
egan	49.99	58.51	20.41	5.12	6.91	3.24	8.44	6.92	.45	9.41
ogal	49.26	14.24	3.61	2.84	6.15	2.55	10.03	15.74	1.50	16.33
Phillips	96.77	137.64	5.40	11.60	4.82	5.43	8.24	.....	.33	2.66
edgwick	74.42	58.50	32.86	10.66	5.40	3.08	5.98	9.70	1.41	7.47
ashington	64.90	106.44	8.32	3.22	18.95	6.43	15.22	.33	.29	2.11
uma	89.44	70.16	1.91	2.15	8.50	9.07	16.05	.....	.32	1.36
4. West Central—										
ella	2.48	.30	2.91	2.23	.42	.01	.01	1.81	1.60	16.91
agle	.....	.05	4.04	8.47	1.19	.....	.....	.....	9.24	32.83
arfield	2.19	.58	5.88	3.11	.67	.40	.01	1.67	5.02	34.92
unison	.01	.35	.44	3.12	1.15	.06	.....	.....	1.16	6.54
esa	2.80	.84	.92	1.27	.20	.08	.15	1.34	1.42	12.17
ntrose	3.18	.58	8.88	4.72	.38	.....	.01	1.88	7.05	23.64
ray	.13	.96	6.65	6.70	3.81	.12	.....	.10	2.58	13.43
stin	.01	.24	2.16	8.36	1.30	.....	.....	.05	9.21	10.23
5. Central—										
offee	.05	.....	5.27	7.20	4.93	.01	.....	.....	1.43	20.92
ear Creek	.86	.....	.25	4.00	.11	.27	.....	.....	1.08	1.55
romant	3.13	.22	.36	1.81	.94	.16	.07	.....	.44	6.66
min	.02	.15	.....	14.64	1.28	.61	.....	.....	3.15	.64
erson	3.84	4.79	4.19	3.24	1.68	.08	.01	.37	.27	13.51
he	.....	.....	.....	.....	2.04	.08	.....	.....	.12	.....
ark	.02	.03	.25	13.39	4.53	1.37	.....	.01	3.54	.08
monit	.....	.80	.16	4.18	1.28	1.22	.....	.....	1.20	.18
eller	.....	.....	.....	41.33	3.36	.06	.....	.....	4.17	.....
6. East Central—										
nahoe	34.11	40.17	4.02	2.50	4.27	1.77	9.36	.37	.09	20.20
errenne	59.33	43.29	1.40	.72	8.53	.....	32.15	.....	.55	.88
oglas	40.24	11.27	3.58	14.01	1.11	4.54	4.27	.....	.52	17.35
bert	45.85	18.72	6.31	7.76	1.56	6.79	6.43	.....	1.07	6.03
l Paso	47.95	2.18	1.91	10.00	.43	3.32	3.55	.11	.78	3.50
l Carson	80.70	100.63	4.98	2.63	20.47	4.63	32.89	.....	.54	.85
ncolin	58.14	40.74	11.96	1.51	8.01	4.93	19.36	.....	1.05	1.99
7. Southwest—										
chuleta	1.09	.02	2.00	8.11	2.34	.....	.....	.....	.41	8.32
Beres	17.14	.91	3.21	3.86	.82	.21	4.55	.....	.34	1.04
nsdale	.....	.....	.04	1.26	.51	.....	.....	.....	.....	.....
l Plata	3.73	.76	8.00	5.79	2.16	.05	.07	.01	.93	1.26
neral	.....	.....	.....	3.10	1.79	.....	.....	.....	.87	23.44
ontezuma	8.69	.90	4.18	3.72	2.55	.19	.37	.....	.16	.37
n Miguel	2.10	.98	1.40	2.93	7.87	.10	.40	.....	1.43	7.95
8. South Central—										
amos	.63	.....	6.90	9.02	3.91	3.91	.....	.....	7.83	53.82
nejos	.09	.02	15.57	7.14	15.71	.....	.01	.....	6.22	18.41
rilla	.14	.13	9.69	4.72	7.60	.....	.....	.....	.53	12.98
ster	3.30	.82	3.86	9.70	3.71	.35	.07	.....	2.52	4.76
erriano	8.25	.60	1.88	2.82	.96	.24	.75	.01	.11	10.26
o Grande	.....	.....	10.42	8.51	1.68	.....	.....	.....	25.11	18.35
guache	.....	.....	16.33	14.60	5.10	.....	.....	.....	17.75	17.07
9. Southeast—										
ca	26.83	21.38	6.47	.14	2.62	.36	72.19	.....	.....	.64
at	25.39	11.98	2.74	.83	1.16	.22	24.65	3.21	.....	17.97
owley	23.54	1.91	1.13	4.10	1.76	.....	10.59	4.75	.....	14.55
owa	64.50	22.86	.36	.02	3.09	.06	57.35	.....	.02	3.30
sa Animas	12.26	10.21	2.01	1.77	.58	.29	8.71	.05	.07	5.46
ro	2.37	3.66	1.57	2.89	.91	.04	3.58	8.78	.01	18.24
owers	20.48	33.17	2.21	1.52	2.55	.32	32.00	2.99	.01	26.62
delo	18.46	4.98	1.54	2.05	1.21	.35	4.88	2.20	.05	14.31
State	25.32	22.15	6.66	4.41	4.38	2.01	8.33	2.86	1.76	12.60

SUMMARY OF THE NOVEMBER 1, 1923, CROP AND LIVESTOCK REPORT FOR COLORADO AND THE UNITED STATES

Subject	COLORADO			UNITED STATES		
	1923	1922	Average	1923	1922	Average
CORN—						
Acres planted	1,431	1,145	1,102‡	103,112	102,428	101,500
Average yield per acre.....	24	16	14.5	29.4	28.2	28.2
Production, bushels	34,344	18,320	15,979‡	3,029,271	2,890,712	2,931,271
Stocks old corn on farms	366	959	2,908‡	83,357	179,000	286,000
ALL WHEAT—						
Production, bushels	20,938	21,176	23,239‡	781,737	862,091	831,300
WINTER WHEAT—						
Production, bushels	15,327	16,406	16,152‡	568,386	586,204	589,850
SPRING WHEAT—						
Production, bushels	5,611	5,370	7,087‡	213,351	275,887	241,450
OATS—						
Production, bushels	6,303	4,625	6,727‡	1,302,453	1,201,436	1,377,300
BARLEY—						
Production, bushels	5,460	3,534	4,444‡	199,251	186,178	191,970
RYE—						
Production, bushels	936	873	1,058‡	64,774	95,497	70,330
WHITE POTATOES—						
Acres for harvest (preliminary)	128	142	113‡	3,892	4,331	3,910
Average yield	105	130	132‡	107.1	104.2	99.0
Production, bushels	13,440	18,460	14,916‡	416,722	451,185	361,000
TAME HAY—						
Production, tons	2,356	2,354	2,510‡	86,538	96,687	82,300
WILD HAY—						
Production, tons	384	355	407‡	16,376	16,104	16,200
ALL HAY—						
Production, tons	2,740	2,709	2,917‡	102,914	112,791	99,480
FIELD BEANS—						
(Seven states) acres.....	170	81	39‡	1,255	1,013	770
Production, bushels	1,360	405	312‡	14,936	11,893	13,000
GRAIN SORGHUMS (Seven States)—						
Average yield	20	15	14	18.7	17.9	17.9
Production, bushels	6,480	3,705	3,318‡	103,506	90,400	113,900
CABBAGE (Principal Late States)—						
Prod'n, tons, com'l crop..	63.2	62.9	46.8‡	498	637	310
ONIONS (Principal States)—						
Production, bushels	862	532	390‡	16,694	18,892	17,880
BROOM CORN (Seven States)—						
Acres	56	10	9‡	508	257	270
Production, tons	8.4	1.8	1.3‡	68	35	50
APPLES—						
Quality						
Agri'l Prod'n, bushels.....	2,871	4,250	2,820‡	193,855	201,252	160,200
Com'l Prod'n, barrels.....	803	1,133	754‡	33,522	30,955	25,100
PEACHES—						
Production, bushels	693	1,160	670‡	45,555	56,705	42,600
PEARS—						
Production, bushels	403	519	386‡	15,335	18,661	13,900
SUGAR BEETS—						
Production, tons	1,863	1,466	2,279‡	6,667	5,183	7,500

Notes—Figures on acreage and production merely enumerate thousands and require addition of three ciphers (000) to complete them. *Estimates on acreage and production, 1923 in the table above are preliminary and subject to revision in December as indicated in the first paragraph.

Symbols: *Figures with the (*) are for the 1919 final estimates. †Represents the 1919-1921 five-year average. ‡1913-1917 average. §1920. ¶1921. c1919-1920 U. S. Census.

Abbreviations—Agricultural, Agr'l; Condition, cond'n; Commercial, Com'l; Per cent, %; Production, Prod'n.