

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 3, as are also estimates of production with comparisons for some of the important crops of the state. See notes at the bottom of page 3 for further explanation.

General Conditions—On account of the continuation of the dry weather Colorado crop prospects changed but little during October and reached November 1 with figures still several points below the ten-year average for this date. The amount of moisture in the soil compared with normal was 48 percent on November 1, compared with 58 percent on October 1, 78 percent on November 1 last year, and 88.5 percent for the same date in 1920. The average yield per acre this year for all crops combined, duly weighted, compared with their yield for recent years was 87.2 percent.

Corn—The corn crop of the state matured without frost injury, but estimates show the effect of the long continued dry weather. The estimated production is 18,160,000 bushels, or 16 bushels per acre on 1,135,000 acres. This is a decline of a little over 1,000,000 bushels from the estimate of one month ago. The production last year was 15,979,000 bushels, or 14.5 bushels per acre. The crop is better this year than last in the northeastern and most important corn producing counties, where weather conditions were more favorable than generally for other parts of the state. These production figures are based upon the assumption that the entire planted acreage produced corn for grain. Reports for the past four years indicate that only about 70 to 80 percent of the planted acreage is harvested as grain. The remainder is cut for silage, for forage alone, or pastured and abandoned. The percentages of acreages harvested in different ways will be included in the December bulletin.

It is estimated that only about 6% of last year's total corn crop is remaining on the farm in the hands of the producers, as compared with 12% a year ago, 3 percent in 1920 and 1.9 percent in 1919. The old corn of the state is estimated at 959,000 bushels. The United States crop of corn is now estimated at 2,896,108,000 bushels, compared with 3,030,372,000 bushels last year. The hold-over from last year is estimated at 5.8 percent of the 1921 crop, or 178,687,000 bushels, compared with the hold-over last year of 285,769,000 bushels and 89,190,000 bushels the average hold-over for the preceding five years.

Potatoes—Due to the dry and warm weather conditions throughout October there was very little change in the prospects for the Colorado potato crop for November 1, when the state crop was estimated at 17,700,000 bushels, or an average yield of 118 bushels per acre for 150,000 acres. On account of the much larger acreage than usual, this is the largest crop in the history of the state, though the average yield is less than last year. The lower yield is due largely to the continued drought and almost failure in the non-irrigated sections, and to shortage of irrigation water in the northern Colorado district. The crop matured without frost injury and the quality is well up to the general average. Prices to grower are slightly less than a month ago, and generally unsatisfactorily low. Car shortage has existed in most districts and has forced a larger percent of the crop than usual into temporary and permanent storage. On account of recent low temperatures (first 10 days in November) much frost damage to potatoes in temporary storage is now occurring and compelling considerable resorting. Special reports from other important potato producing states indicate that conditions similar to

those in Colorado prevail—large crops, storage space filled to the limit, car shortage and dull markets all of which cause considerable loss. The United States average yield per acre is estimated at 102.6 bushels with a total production of 433,905,000 bushels, compared with an average yield of 90.0 bushels and 346,823,000 bushels last year.

The number of cars of potatoes shipped by November 4 from Colorado this season is 5,164 compared with 7,280 cars to the same date for last year, and a total carlot movement of potatoes last season of 17,737 cars. It is now estimated there are as many potatoes available for shipment from the state this year as last. The carlot movement of potatoes from the leading late crop states this season to November 4, is 61,973 cars, compared to 79,536 cars from the same sections to the same date last year. The total movement from these sections last year was 185,368 cars and the total movement from all states amounted to 238,250 cars, or about 112,000 cars more than have been shipped thus far this season.

Estimates of the total production in thousands of bushels for important potato states are given below for comparison:

State	Forecast		Final Estimate		State	Forecast		Final Estimate	
	Nov. 1, '22	Dec. 1921	Nov. 1, '22	Dec. 1921		Nov. 1, '22	Dec. 1921	Nov. 1, '22	Dec. 1921
Maine	20,250,000	37,132,000	North Dakota	18,900,000	11,520,000				
New York	36,701,000	33,990,000	Nebraska	9,775,000	8,160,000				
Pennsylvania	27,720,000	21,586,000	Colorado	17,582,000	11,070,000				
Virginia	16,638,000	14,688,000	Idaho	14,615,000	10,545,000				
Ohio	10,858,000	6,728,000	California	10,260,000	10,064,000				
Illinois	7,440,000	6,413,000	Montana	6,174,000	5,060,000				
Michigan	37,856,000	27,200,000	South Dakota	8,400,000	4,400,000				
Wisconsin	39,360,000	21,420,000	Totals for						
Minnesota	36,360,000	27,525,000	(17 States)	327,349,000	265,812,000				
Iowa	8,460,000	8,291,000	Totals, U. S.	433,905,000	347,000,000				

Apples—The November 1 estimate places the Colorado apple crop at 4,250,000 bushels, a little over 1,000,000 more than last year when the crop was estimated at 3,200,000 bushels, and 800,000 bushels more than the crop of 1919 reported by the Federal census as 3,418,000 bushels. The national crop is estimated at 205,539,000 bushels, an improvement of 1,500,000 bushels over the estimates of October 1. Last year the crop amounted to 98,097,000 bushels. The commercial apple crop in barrels for important states is given below for comparison:

State	Nov. 1, 1922	1921 Crop	State	Nov. 1, 1922	1921 Crop
New York	6,006,000	2,622,000	Michigan	1,699,000	900,000
Pennsylvania	1,216,000	284,000	Missouri	1,337,000	88,000
Virginia	992,000	132,000	Washington	7,104,000	7,553,000
West Virginia	881,000	63,000	Oregon	1,473,000	1,080,000
Ohio	608,000	340,000	Idaho	975,000	1,044,000
Illinois	1,620,000	308,000	Colorado	1,034,000	812,000

The production estimates for some important United States crops not produced commercially in Colorado are as follows:

	1922		1921		1916-1920
	Forecast	Dec. Estimate	Dec. Estimate	Average	
Buckwheat, bushels	13,643,000	14,079,000	14,079,000	14,426,000	
Flaxseed, bushels	12,101,000	8,112,000	8,112,000	10,972,000	
Rice, bushels	39,159,000	36,515,000	36,515,000	41,651,000	
Cotton, bales	10,135,000	7,954,000	7,954,000	11,931,000	
Tobacco, lbs	1,330,275,000	1,075,418,000	1,075,418,000	1,377,866,000	
Cranberries, bbl.	561,000	373,000	373,000	414,000	
Sorghum Syrup, gal.	38,225,000	45,554,000	45,554,000	39,844,000	
Cloverseed, bushels	1,878,000	1,411,000	1,411,000	1,564,000	
Peanuts, bushels	691,057,000	816,465,000	816,465,000	1,043,292,000	
Hops, lbs.	31,528,000	29,140,000	29,140,000	32,143,000	

The Trend of Farm Prices—Acreage and Production—The price index of all crops for the United States on November 1 was 17.2 percent more than a year ago and 40.2 percent less than the average of the preceding five years. The production index is about 12 percent more than last year's aggregate production and 0.3 percent more than the average of the preceding five years, 1916-20. This year the total acreage in cultivated crop is about 0.3 percent less than last year. The total production of important products this year, compared with last year, expressed in percentages, is estimated as follows: (October 1, Report) Corn, 92.6; wheat, 109.0; oats, 115.9; barley, 129.8; rye, 137.5; buckwheat, 99.6; white potatoes, 124.8; sweet potatoes, 106.9; tobacco, 126.0; flaxseed, 144.3; rice, 107.4; hay (all), 112.3; cloverseed, 144.0; cotton, 126.2; apples, 207.6; peaches, 171.6; pears, 156.1; cranberries, 149.1; hops, 108.2; sorghums (syrup), 80.7; sugar beets, 65.2; (last month, 67.6); grain sorghums, 83.3; broom corn, 90.9; beans, 142.9; peanuts, 82.6.

SUMMARY OF THE NOVEMBER 1, 1922, CROP AND LIVESTOCK REPORT FOR COLORADO AND THE UNITED STATES.

Subject	COLORADO				UNITED STATES			
	1922	1921	1920	Average	1922	1921	1920	Average
CORN—								
Acres planted	1,135	1,102	1,182	1,021*	.....	.....	.....	.....
Acres for grain	908	888	887	752*	103,234	103,850	101,699	97,170*
Aver. yld. per acre.....	16	14.5	20.5	15.0*	28.1	29.7	31.5	27.1*
Prod'n, bushels	18,160	15,979	24,231	15,315*	2,896,108	3,080,372	3,208,584	2,830,947*
Stocks old corn on farms	959	1,918	727	.....	178,687	285,769	139,906	89,190
ALL WHEAT—								
Prod'n, bushels	22,982	23,239	25,275	18,196*	810,123	794,893	833,027	799,082*
WINTER WHEAT—								
Prod'n, bushels	16,422	16,152	18,272	13,622*	541,460	587,032	610,597	760,37*
SPRING WHEAT—								
Prod'n, bushels	6,560	7,087	7,003	4,574*	268,663	207,861	222,430	207,622*
OATS—								
Prod'n, bushels	7,200	6,722	6,426	4,559*	1,229,774	1,060,737	1,496,281	1,412,602*
BARLEY—								
Prod'n, bushels	4,646	4,444	5,292	2,907*	196,431	151,181	189,332	197,447*
RYE—								
Prod'n, bushels	810	1,058	1,180	1,088*	79,623	57,918	60,490	67,762*
WHITE POTATOES—								
Acres for harvest (preliminary)	150	90	73	77*	4,228	3,815	3,657	3,542*
Average yield	118	123	130	115*	102.6	90.9	110.3	98.0*
Prod'n, bushels	17,700	11,070	9,490	8,855*	433,905	346,823	403,296	373,497*
TAME HAY—								
Prod'n, tons	2,065	2,507	2,700	2,515*	92,886	81,567	87,855	86,559*
WILD HAY—								
Prod'n, tons	355	407	440	366*	15,850	15,235	17,460	18,401*
ALL HAY—								
Prod'n, tons	2,420	2,914	3,140	2,881§	108,736	96,802	105,315	102,129*
FIELD BEANS—								
(Seven States) acres	92	38	52	66*	1,093	771	838	1,069*
Prod'n, bushels	414	342	416	429*	13,013	9,118	9,077	13,317*
GRAIN SORGHUMS (Seven States)—								
Average yield	14	16.5	17.0	16.7	18.6	24.7	26.8	21.7*
Prod'n, bushels	3,920	3,910	4,794	4,726*	81,488	115,110	137,408	91,330*
CABBAGE (28 States)—								
Acres (Com'l)	5.1	4.0	4.1	3.4*	69.9	52.6	55.7	41.1*
Prod'n, tons	56.1	46.8	57.4	.....	1,134	687	623.8	726*
(To Nov. 1)	.....	.....	.....	.....	(To Nov. 1)	.....	.....	.....
Carlot shipments(c)	1,561	2,564	1,672	.....	27,874	31,000	33,159	.....
ONIONS (23 States)—								
Prod'n, bushels	360	240	.....	.....	20,309	13,757	23,435	16,657*
(To Nov. 1)	.....	.....	.....	.....	(To Nov. 1)	.....	.....	.....
Carlot shipments (c)	116	443	149	.....	18,734	20,777	28,170	.....
BROOM CORN (7 States)—								
Acres	14	12	7	11	230	207	275	332*
Prod'n, tons	2.5	2.4	1.3	1.9	32	35.1	36.5	49.0*
APPLES—								
Quality	80	80	78	80	.....	79.4	87.3	79.0*
Agr'l Prod'n, bus.....	4,250	3,200	2,830	3,418§	205,539	98,097	223,667	179,208*
Com'l Prod'n, bbls.....	1,062	812	736	.....	31,901	21,204	33,905	26,770*
PEACHES—								
Prod'n, bushels	900	860	670	722§	56,125	32,733	45,620	42,623*
PEAS—								
Prod'n, bushels	360	483	386	270§	17,772	10,705	16,805	14,082*
SUGAR BEETS—								
Prod'n, tons	1,509	2,159	2,166	1,656*	5,000	7,782	8,538	6,633*

Notes—Figures on acreage and production stand for thousands and require the addition of three ciphers (000) to complete them. * Figures with the star (*) are for the 1919 and 1920 estimates. ** 1912-1921 Average. † represents the 1916-1920 five-year average. ‡ 1916-1921 six-year average. Estimates on acreage and production are preliminary and subject to revision in December. § indicate census figures for 1919. † Corn production is estimated on basis of the entire acreage planted, valued as grain. In Colorado, only about 70 to 80 per cent is ever harvested purely as grain, the balance is cut for silage, pastured or abandoned. ‡ equals actual cars shipped.

Abbreviations—Agricultural, Agr'l; Condition, Cond'n; Commercial, Com'l; Percent, Pct. Production, Prod'n.