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Crop Report for Colorado

U. S. Department of Agriculture

Bureau of Crop Estimates

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General Conditions—The composite condition of all crops in Colorado on October 1 was 105.8 per cent of the average condition for that date, there having been a 2.1 per cent decline during the month of September. In the United States the composite condition of all crops on October 1 was 106.9 per cent of the average, a decline of 0.1 per cent during September. The total production of all important products compared with last year in the United States is estimated as follows: Corn, 110.3 per cent; wheat, 79.8 per cent; oats, 115.7 per cent; barley, 115.1 per cent; rye, 88.0 per cent; buckwheat, 95.1 per cent; potatoes, 115.9 per cent; sweet potatoes, 100.2 per cent; rice, 127.3 per cent; hay (all), 98.0 per cent; sugar beets, 100.8 per cent; cotton, 107.0 per cent; beans, 81.4 per cent; peanuts, 117.7 per cent. The level of prices paid producers in the United States for the principal crops decreased about 15.6 per cent during September; in the past ten years the price level decreased about 3.1 per cent during September. On October 1 the index figure of prices was about 14.2 per cent lower than a year ago, 36.6 per cent higher than the average of the past ten years on October 1.

Corn—Favorable weather during the month of September for maturing corn maintained the high condition of this crop in Colorado to the figure of 92 per cent of normal on October 1, as compared with 92 per cent on September 1, 70 per cent October 1 last year and 79 per cent the ten-year average. Reports have not yet been received showing what per cent of the 1920 acreage devoted to corn in the state this year will be harvested for grain, or the per cent harvested for silage or fodder or fed in the field or abandoned; but indications are that the figure pertaining to the acreage harvested for grain will be much higher than last year. However, based upon the reports of 1919, 64 per cent of the acreage planted was harvested for grain. On this basis at least 705,000 acres will be harvested for grain this year, which, applied to the 92 per cent condition, indicates a production of 16,022,000 bushels this year as compared with 11,206,000 bushels last year and 10,675,000 bushels in 1918, thus indicating that Colorado this year will produce the largest crop of corn of record to date.

The condition of the corn crop for the United States on October 1 was 89.1 per cent, compared with 86.4 per cent of normal on September 1, 81.3 per cent October 1 last year, and 74.8 per cent the ten-year average. The acreage reported as planted to corn this year is 103,648,000 acres, on which the estimated production is 3,216,192,000 bushels, compared with 2,917,450,000 bushels last year, and 2,760,484,000 bushels the 1914-1918 five-year average.

Wheat—Reports indicate that the average yield per acre for spring wheat for Colorado this year will be about 20 bushels, compared with 14.5 bushels last year and 17.5 bushels for 1918. Based on this figure of 20 bushels per acre on the preliminary estimate of 395,000 acres in the state, the indicated production is 7,900,000 bushels, compared with the final estimate last year of 5,728,000 bushels. Indications are that the final acreage figures for this year will be approximately 372,000

acres and that the final estimate of production will be modified accordingly. Preliminary estimates of the production of winter wheat in Colorado for this year indicate 17,220,000 bushels, which, added to the 7,900,000 bushels of spring wheat, indicates a total wheat crop of 25,120,000 bushels—the largest crop of wheat in the history of the state to date. Final estimates will probably increase this figure a small per cent.

The estimated production of all wheat in the United States at this time is 751,341,000 bushels, compared with 941,987,000 bushels last year and the 1914-18 average production of 822,000,000 bushels.

Oats—Reports indicate an average yield of 34 bushels to the acre for oats in Colorado this year compared with the final estimate of 26 bushels per acre last year and 30 bushels per acre in 1918. Preliminary estimates of acreage based on assessors' reports indicate about 239,000 acres devoted to this crop in the state this year. A compilation of reporters' estimates indicates that about 90 per cent of the acreage devoted to oats was cut for grain, so that the revision of the acreage figures and final estimates will indicate slightly less than 239,000 acres devoted to the crop. Based upon 239,000 acres and the 34-bushel average, the indicated production of oats this year is 8,126,000 bushels.

Barley—The indicated average yield of barley per acre in Colorado this year is 28 bushels, compared with 19.5 bushels last year and 18 bushels in 1918. Based upon the preliminary estimate of 190,000 acres the production this year is indicated as 5,290,000 bushels, compared with 3,900,000 bushels last year.

Grain Sorghums—The production of grain sorghums in Colorado this year to be threshed or fed as grain is estimated at 3,396,000 bushels, based upon an estimate of 53 per cent of the acreage being cut or threshed as grain, as shown by reports of last year, reports upon this per cent not yet being available for this year. Final reports probably will indicate a larger per cent to be harvested for grain and thus indicate a larger production.

Apples—Condition of apples in Colorado on October 1 was 60 per cent of normal, compared with 66 per cent on October 1 last year and 64 per cent the ten-year average on October 1. The preliminary estimate of production is 2,585,000 bushels, compared with 3,418,000 bushels last year and 2,511,000 bushels in 1918. The commercial production for the state is estimated at 689,000 barrels (barrel=3 bushels).

The condition of the crop in the United States on October 1 was 74.7 per cent of normal, compared with 72.4 per cent on September 1 and 51 per cent on October 1 last year and 55.2 per cent the ten-year average. The preliminary total production is estimated at 227,978,000 bushels, compared with 147,457,000 bushels the final estimate last year and 203,000,000 bushels in 1918. The commercial production is placed at 34,287,000 barrels, compared with 26,200,000 barrels last year and 24,743,000 barrels the ten-year average.

Potatoes—The condition of potatoes in Colorado on September 1 was 90 per cent of normal; on October 1 it had declined to 84 per cent, compared with 55 per cent on October 1 last year and 76 per cent the ten-year average. Preliminary estimates indicate a production of 12,633,000 bushels, compared with 11,040,000 bushels last year and 15,840,000 bushels in 1918. If weather conditions remain favorable, a final estimate of acreage in Colorado will probably reduce the production figure for this year a small per cent—to about 11,025,000 bushels.

The condition of potatoes for the United States on October 1 was 82.7 per cent of normal, compared with 84.3 per cent on September 1 and 67.9 per cent on October 1 last year and 72.3 per cent the ten-year average. The October 1 indicated production is 414,986,000 bushels, compared with the final estimate of 358,000,000 bushels last year and 382,000,000 bushels in 1918.

Miscellaneous—Figures for other miscellaneous and important crops in Colorado and important crops for the United States which are not grown commercially in Colorado but are somewhat competitive with Colorado crops are shown in the summary table on pages 3 and 4.

Summary of the October 1, 1920, Crop Report for Colorado and the United States.

Subject	Colorado			United States		
	1920	1919	Average	1920	1919	Average
CORN—						
Acres for grain (64%)	705	671	610†	.....	.....	.....
Acres planted	1,102	1,052*	.....	103,648	102,075*	107,486†
Condition, per cent	92	70	79	89.1	81.3	74.8
Production, bushels	16,022	11,206*	10,675†	3,216,192	2,917,450	2,760,484†
ALL WHEAT—						
Acres	1,256	1,459*	1,250†	53,652	73,243*	52,320‡
Production, bushels	25,120	17,645*	15,400†	751,341	941,987	822,000‡
WINTER WHEAT—						
Acres	861	1,064*	925†	34,165	49,905*	36,016
Average yield per acre	20	11.2*	10.5	15.6	14.7	15.6
Production, bushels	17,220	11,917*	9,712†	532,641	731,636*	563,000‡
SPRING WHEAT—						
Acres harvested	395	395*	325†	19,487	23,338*	18,124‡
Average yield per acre	20	14.5*	17.5†	11.2	9.0	13.4
Production, bushels	7,900	5,728*	5,688†	218,700	209,351*	259,000‡
OATS—						
Acres for harvest	239	249*	351†	41,032	42,400*	40,583‡
Average yield per acre	34	26	30†	35.2	29.4*	32.1
Production, bushels	8,126	6,524*	7,530	1,444,362	1,248,310*	1,415,000‡
BARLEY—						
Acres for harvest	190	200*	206†	7,437	7,420*	7,780‡
Average yield per acre	28	19.5	18†	25.7	22.3*	25.3
Production, bushels	5,290	3,900	3,708†	191,386	166,000*	215,000‡
EYE (From Sept. Report)—						
Acres for grain	122**	143*	149†	5,470	7,066*	3,151‡
Average yield per acre	13	8.8*	7.0†	14.2	12.5*	15.9
Production, bushels	1,586	1,258*	1,043†	77,893	88,500*	59,900‡
WHITE POTATOES—						
Acres for harvest	86	92.5*	99†	3,849	4,013*	3,812‡
Condition, per cent	84	55	76	82.7	67.9	72.3
Production, bushels	12,633	11,040*	16,840†	414,986	358,000*	382,000‡
HAY—						
Tame, acres	1,076	1,065*	1,030†	56,813	56,348*	52,026‡
Production, tons	2,582	2,396*	2,287†	88,171	91,326*	78,921‡
Wild, acres	367	360*	451†	16,017	15,686*	16,547‡
Production, tons	426	360*	424†	18,280	17,340*	17,990‡
ALL HAY (From Sept. Report)—						
Acres for harvest	1,443	1,475*	1,454†	72,830	72,034*	68,573‡
Production, tons	3,008	2,756*	2,711†	106,451	108,666*	108,666‡
GRAIN SORGHUMS—						
Acres for grain (53%)	166	149*	.....	.....	.....	.....
Acres for harvest	313	281*	.....	5,342	4,893*	6,036†
Condition, per cent	93	90	83	94.7	86.3	68.1
Prod'n, bus. (grain)	3,396	2,161*	1,748†	139,411	126,058*	72,241†
PASTURES—						
Condition, per cent	91	86	89	86.2	78.2	82.3
ALFALFA (From Sept. Report)—						
Acres for harvest	728	662*	665†	9,385	9,140	7,864†
Average yield per acre	3.0	2.6*	2.5†	2.74	2.61	72.49
Production, tons	2,184	1,721*	1,637†	25,717	23,853	19,583†
MILLET (From Sept. Report)—						
Condition, per cent	94	76	77	87.0	84.5	76.6
FIELD PEAS—						
Condition, per cent	92	95	90	80.8	72.1	77.1
FIELD BEANS (6 States)—						
Acres for harvest	58	69*	252†	834	1,018*	1,744†
Average yield per acre, bushels	8.0	6.5	6.5	11.5	11.3*	10.0
Production, bushels	464	448*	1,638†	9,555	11,488*	17,397†
CABBAGE—						
Yield per acre, tons	11	10.8	8-year	7.0	5.3	8-year
			7.9			5.6
ONIONS—						
Yield per acre	280	275	8-year	235.5	193.7	8-year
			217			186.9

APPLES—

Condition, per cent	60	66	64	74.7	51.0	55.2
Agr. prod'n, bushels.....	2,585	3,418*	2,511†	227,978	147,457*	203,000‡
Com'l prod'n, barrels..	689	828*	527†	34,287	26,200*	24,743

PEARS—

Condition, per cent.....	82	80	68	61.7°°	68.0	64.2
Agr'l, product'n, bu.....	369	311	182†	14,611°°	13,902*	11,713‡

BROOM CORN—

Yield per acre	370	350	446	348	379.8	377.1
Production, tons	1.7	3	5.2†	36.9	53.1*	157.8

SUGAR BEETS—

Condition, per cent.....	94	75	88	93.4	79.1	88.3
Production, tons	2,740	1,765*	.....	8,970	6,421*	6,050‡
Average yield per acre	10.78	7.47*	.....	9.16	9.27*	110.13

* December, 1919, estimate. †1918 final estimates. ‡1914-18, five-year average. §1913-17, five-year average. °Normal production Alfalfa Hay about 28,000,000 tons. Bbl. equals three bushels. †Census. **Rye for grain, 77.4 per cent of total acreage planted. °°September Report.

Note—The figures on acreage and production merely enumerate thousands and require three ciphers (000) to complete them.

PRODUCTION OF POTATOES, 1918, 1919 AND 1920.

In the table below will be found the October 1, 1920, forecast and the 1919 and 1918 final estimates of late potatoes in certain states which produce potatoes in large quantities for other than local market. Production figures given in thousands, three ciphers (000) required to complete.

State	1920	1919	1918	State	1920	1919	1918
	Bu.	Bu.	Bu.		Bu.	Bu.	Bu.
Maine	23,128	24,480	22,400	Montana	4,920	2,820	6,750
New York	38,049	39,567	37,240	Wyoming	4,324	2,640	4,500
Pennsylvania	24,172	25,400	22,000	Colorado	12,642	11,040	15,810
Michigan	34,918	28,688	28,560	Utah	3,065	2,397	3,600
Wisconsin	31,318	28,200	33,440	Idaho	6,323	5,400	6,290
Minnesota	27,706	26,100	32,760	California	13,123	11,352	12,870
Nebraska	10,109	6,325	10,408	Total	.....	.....	.....
				(13 States).....	233,797	214,409	236,656
				U. S. Totals.....	414,986	357,901	411,860

ACREAGE AND PRODUCTION OF BEANS.

In the table below will be found the October 1, 1920, forecast, and the 1919 and 1918 final estimates of acres and production of beans in five states that produce beans in quantities for other than local markets. Acreage and production figures in thousands, three ciphers (000) required to complete.

State	October 1, 1920		1919		1918	
	Acres	Bushels	Acres	Bushels	Acres	Bushels
	(Preliminary) (Forecast)					
New York	90	1,260	100	1,450	200	1,660
Michigan	273	3,686	310	4,030	543	4,887
Colorado	58	464	69	448	252	1,638
New Mexico	120	304	128	960	141	564
California	265	3,074	395	4,464	592	8,584
Total (5 States)	806	9,288	1,002	11,352	1,728	17,333