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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 principally 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 100.7 per cent on September 1, compared with 97.5 per cent on August 1, 101.2 per cent July 1 and 100.1 on September 1 last year. The composite condition of all crops in the state on September 1 was 105.6 per cent of the ten-year average, an improvement of 1.2 points during August. Condition figures by counties for both irrigated and non-irrigated crops are not given separately in the table on page 3, except in the case of corn.

Corn—The northeastern part of the state continued to be affected by dry weather during August and caused a further heavy decline of 11 points during the month in the condition of corn, which came to September 1 with a figure of 73 per cent of normal. With this condition figure, this year's crop promises to be the second largest in the history of the state with an indicated production of 16,535,000 bushels. This production figure is based on the assumption that approximately 80 per cent of the acreage planted to corn will be harvested for grain.

Spring Wheat—Spring wheat suffered a decline of only one point during August and on September 1 had a condition of 84 per cent, compared with 85 per cent on September 1 last year and 80 per cent the ten-year average for this date. The forecast of production is 6,512,000 bushels. The crop of spring wheat added to the forecast of 24,500,000 bushels for winter wheat, makes the total indicated wheat crop of the state amount to 31,012,000 bushels, compared with a tentative estimate of 25,467,000 bushels for last year and the census bureau figure of 18,261,000 bushels for 1919. Present estimates indicate this to be the record crop for the state.

Potatoes—The potato crop of the state continues to rank high in importance due to the sharp advances in prices that occurred early in August. On September 1 the Colorado potato crop showed a condition of 89 per cent, compared with 93 per cent a month ago, 90 per cent a year ago and 80 per cent the ten-year average figure for September 1. The crop still promises to be the second largest in the history of the state, indicating a production of 12,104,000 bushels, compared with the final estimate of 10,920,000 bushels last year, 8,875,000 bushels the census figure for 1919 and 15,340,000 bushels the record crop of 1918. If favorable conditions continue through the digging season and if nearly the entire 100,000 acres reported by the assessors is harvested, approximately another 2,000,000 bushels may be added to this year's estimate and may make this year's the record crop to date. Usually about 70 to 75 per cent of the total production of the state is consid-

ered as commercial. The comparative production for the leading potato states is as indicated below. (Figures in thousands of bushels, (000) required to complete numbers):

| State | Sept. 1, 1921 | December, 1920, final estimate | State | August 1, 1921 | December, 1920 final estimate |
|--------------------|------------------|--------------------------------------|---|-------------------|-------------------------------------|
| Maine | 24,647 | 22,140 | Nebraska | 7,600 | 8,415 |
| New York | 30,066 | 46,250 | Idaho | 9,267 | 7,330 |
| Pennsylvania | 23,388 | 36,455 | Washington | 7,854 | 8,650 |
| Michigan | 22,216 | 35,700 | Colorado (Sept.) | 12,104 | 10,900 |
| Wisconsin | 20,682 | 33,264 | California | 13,485 | 12,015 |
| Minnesota | 22,768 | 26,047 | | | |
| Group totals..... | 142,767 | 193,856 | Group totals | 50,310 | 48,416 |
| | | | Total 11 states..... | 193,252 | 242,266 |
| | | | Total U. S. estimates Sept. 1 forecast..... | 323,094 | 423,000 |

The cabbage and onion crops of the state are both in excellent condition, being respectively 91 and 92 per cent of normal and about five points higher than the ten-year average. The total acreage devoted to late commercial cabbage in the United States is estimated to be about 63,000 acres compared with 73,000 last year, and the condition on September 1 was only 69.8 per cent of normal, compared with 89 per cent last year. Total shipments of late cabbage production last year amounted to 18,133 cars shipped. Of these Colorado shipped 1,667 cars.

Miscellaneous Crops—The condition figures for September 1 this year, September 1 last year, and the average condition on September 1 for the past ten years, in the order named, are as follows: Broom corn, 90-85-77; field peas, 94-95-93; millet, 80-94-77; tomatoes, 93-86-83; onions, 92-93-87; watermelons, 94-88-80; pastures, 98-95-88.

GENERAL REVIEW OF UNITED STATES CROP CONDITIONS, SEPTEMBER 1, 1921.

The composite condition of all crops of the United States on September 1 was 7.1 per cent below their ten-year average on that date, 0.1 per cent lower than on August 1, and 14.0 per cent lower than final yields last year. The total acreage in cultivation this year 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, 98.6; wheat, 95.8; oats, 71.4; barley, 82.7; rye, 92.3; buckwheat, 94.2; white potatoes, 75.5; sweet potatoes, 98.2; tobacco, 62.9; flaxseed, 75.1; rice, 60.9; hay (all) 87.6; clover seed, 74.7; sugar beets, 93.4; cotton, 52.4; apples, 43.9; peaches, 75.5; pears, 54.9; kafirs, 88.2; broom corn, 97.6; beans, 96.7; peanuts, 90.3; hops, 77.1; sorghum (sirup), 106.8. The production figures for United States crops not grown commercially in Colorado—September 1, 1921 forecasts, 1920 final estimates and 1915-19 averages, in order, in millions of bushels are: Buckwheat, 13.0-13.8-15.0; sweet potatoes, 110-112-84.7; peanuts, 32.5-36.0-41.7; rice, 32.7-53.7-37.2; flax for seed, 8.3-11.0-11.7; sorghum for sirup—gallons, 44.8-43.9; cotton—bales, 7.9-13.4-11.5.

The estimated number of stock hogs in the country on September 1 is 1.1 per cent less than a year ago.

Trend of Farm Prices—The level of prices paid producers of the United States for the principal crops increased about 0.5 per cent during August; in the past ten years the price level decreased about 2.7 per cent during August. On September 1 the index figure of prices was about 54.4 per cent lower than a year ago, 57.7 per cent lower than two years ago, and 33.9 per cent lower than the average of the past ten years on September 1.

The prices of meat animals—hogs, cattle, sheep and chickens—to producers of the United States increased 3.8 per cent from July 15 to August 15; in the past ten years prices increased in like period 1.4 per cent. On August 15 the index figure of prices for these meat animals was about 34.5 per cent lower than a year ago, 49.0 per cent lower than two years ago, and 17.1 per cent lower than the average of the past ten years on August 15.

**CONDITION OF CROPS AND AGRICULTURAL OUTLOOK ON SEPTEMBER 1,
PERCENT, COMPARED WITH NORMAL.**

| Counties | Irr. | Corn N.Irr. | All | Spring Wheat | Oats | Barley | Potatoes | Alfalfa | Field Beans | Pasture | Agr'l. Outlook |
|-----------------------|------|----------------|-----|-----------------|------|--------|----------|---------|----------------|---------|-------------------|
| 1. Northwest. | | | | | | | | | | | |
| Grand | | | | 100 | 100 | 100 | 100 | | | 115 | |
| Jackson | | | | | 100 | 100 | 100 | | | 105 | 105 |
| Moffat | 90 | 90 | 90 | 86 | 89 | 85 | 88 | 100 | 89 | 97 | 88 |
| Rio Blanco | | | | 89 | 98 | 100 | 76 | 100 | | 103 | 113 |
| Routt | | | | 81 | 92 | 92 | 82 | 99 | | 107 | 100 |
| 2. North Cent. | | | | | | | | | | | |
| Adams | 95 | 78 | 79 | 77 | 82 | 79 | 85 | 93 | 65 | 83 | 83 |
| Boulder | 98 | 97 | 98 | 92 | 90 | 92 | 80 | 96 | 80 | 100 | 107 |
| Denver | | | | | | | | | | | |
| Larimer | 93 | 95 | 94 | 96 | 97 | 91 | 92 | 102 | 60 | 105 | 101 |
| Weld | 92 | 75 | 79 | 82 | 92 | 92 | 85 | 97 | 90 | 92 | 99 |
| 3. Northeast. | | | | | | | | | | | |
| Logan | 77 | 41 | 42 | 70 | 70 | 67 | 72 | 87 | 51 | 84 | 73 |
| Morgan | 93 | 54 | 55 | 75 | 81 | 86 | 86 | 96 | 66 | 72 | 74 |
| Phillips | | 63 | 63 | 67 | 93 | 95 | 78 | 58 | | 89 | 77 |
| Sedgwick | 90 | 48 | 48 | 78 | 78 | 80 | 67 | 82 | | 82 | 79 |
| Washington | 95 | 50 | 50 | 49 | 58 | 52 | 50 | 50 | | 81 | 80 |
| Yuma | | 54 | 54 | 66 | 64 | 76 | 45 | 65 | | 74 | 87 |
| 4. West Cent. | | | | | | | | | | | |
| Delta | 102 | | 102 | 96 | 96 | 100 | 97 | 99 | 98 | 109 | 130 |
| Eagle | | | | 100 | 100 | 100 | 100 | 100 | | 110 | 125 |
| Garfield | | | | 99 | 98 | | 85 | 93 | 100 | 105 | 130 |
| Gunnison | | | | | 87 | 80 | 88 | 65 | | 105 | 120 |
| Mesa | 99 | 110 | 100 | 100 | 101 | 97 | 98 | 105 | 100 | 113 | 114 |
| Montrose | 98 | 103 | 99 | 97 | 97 | 100 | 98 | 96 | 90 | 103 | 123 |
| Ouray | | | | 95 | 97 | 97 | | | | | |
| Pitkin | | | | 100 | 100 | 100 | 100 | 100 | | | |
| 5. Central. | | | | | | | | | | | |
| Chaffee | | | | 98 | 98 | 93 | 67 | 100 | | 100 | 100 |
| Clear Creek | | | | | | | | | | | |
| Fremont | 100 | 108 | 104 | 104 | 112 | 107 | 92 | 100 | 118 | 143 | 113 |
| Gipin | | | | | | | 100 | 100 | | 105 | 110 |
| Jefferson | 98 | 96 | 97 | 94 | 93 | 94 | 89 | 95 | | 97 | 85 |
| Lake | | | | | | | | | | 100 | 100 |
| Park | | | | | | | | | | | |
| Summit | | | | | | | | | | | |
| Teller | | | | | 100 | 100 | 87 | | | 113 | 108 |
| 6. East Cent. | | | | | | | | | | | |
| Arapahoe | 100 | 81 | 81 | 92 | 93 | 93 | 88 | 91 | 75 | 93 | 100 |
| Cheyenne | | 68 | 68 | 73 | 70 | 65 | 74 | | | 99 | 63 |
| Douglas | | 95 | 95 | 100 | 105 | | 60 | 90 | | 110 | 127 |
| Elbert | 101 | 101 | 104 | 90 | 90 | 100 | 72 | 105 | 110 | 105 | 110 |
| El Paso | 105 | 96 | 96 | 102 | 96 | 102 | 86 | 104 | 100 | 103 | 118 |
| Kit Carson | | 72 | 72 | 75 | 82 | 79 | 62 | 92 | 63 | 91 | 77 |
| Lincoln | | 95 | 95 | 88 | 93 | 88 | 90 | 100 | 97 | 98 | 95 |
| 7. Southwest. | | | | | | | | | | | |
| Archuleta | | | | | 100 | 90 | 90 | 75 | | 100 | 125 |
| Dolores | | | | | | | | | | | |
| Hinsdale | | | | | | | | | | | |
| La Plata | 98 | 92 | 95 | 89 | 80 | 87 | 83 | 84 | 97 | 102 | 112 |
| Mineral | | | | | | | | | | | |
| Montezuma | 105 | 125 | 119 | 92 | 102 | 102 | 105 | 97 | 93 | 100 | 110 |
| San Juan | | | | | | | | | | | |
| San Miguel | | | | 86 | 85 | 100 | 106 | 92 | | 108 | 150 |
| 8. South Cent. | | | | | | | | | | | |
| Alamosa | | | | 100 | 92 | 95 | 88 | 98 | | 103 | 98 |
| Conejos | 110 | | 110 | 92 | 80 | 91 | 95 | 97 | 90 | 102 | 105 |
| Costilla | | | | 110 | 110 | 100 | 100 | 113 | 120 | 140 | |
| Custer | | | | | | | | | | | |
| Huerfano | | 110 | 110 | 102 | 110 | 94 | 105 | 100 | 102 | 108 | 108 |
| Rio Grande | | | | 98 | 95 | 96 | 93 | 93 | 100 | 106 | 107 |
| Saguache | | | | 95 | 93 | 96 | 92 | 101 | 100 | 104 | 112 |
| 9. Southeast. | | | | | | | | | | | |
| Baca | | 75 | 75 | 75 | | 50 | | 100 | 80 | 100 | 85 |
| Bent | 99 | 83 | 88 | 83 | 83 | 85 | | 100 | 81 | 104 | 105 |
| Crowley | | | | | | | | | | | |
| Kiowa | | 85 | 85 | 100 | 100 | 100 | 60 | | 100 | 100 | 98 |
| Las Animas | 107 | 105 | 106 | 86 | 69 | 92 | 100 | 103 | 95 | 110 | 115 |
| Otero | 101 | 98 | 99 | 83 | 77 | 83 | | 95 | 75 | 112 | 110 |
| Prowers | 102 | 96 | 98 | 88 | 87 | 89 | | 86 | 100 | 104 | 104 |
| Pueblo | 105 | 116 | 112 | 99 | 100 | 97 | 100 | 103 | 100 | 110 | 150 |
| State Av. | 97 | 72 | 73 | 84 | 90 | 87 | 89 | 94 | 92 | 98 | 100.7 |

SUMMARY OF THE SEPTEMBER 1, 1921, CROP AND LIVESTOCK REPORT FOR COLORADO AND THE UNITED STATES.

| Subject | COLORADO | | | UNITED STATES | | |
|--|----------|---------|---------|---------------|----------------------|------------|
| | 1921 | 1920 | Average | 1921 | 1920 | Average |
| Corn— | | | | | | |
| Acres planted..... | 1,133 | 1,144 | 1,060* | ..... | ..... | ..... |
| Acres for grain..... | 906 | 915 | 953§ | 108,901 | 104,600 | 100,073* |
| Condition, percent.. | 73 | 92 | 77 | 85.1 | 86.4 | 75.0 |
| Prod. bus. grain..... | 16,535 | 18,940‡ | 10,106§ | 3,186,000 | 3,232,000 | 2,798,000‡ |
| All Wheat— | | | | | | |
| Acres for harvest.. | 1,704 | 1,386‡ | 1,329§ | 56,744 | 57,192 | 52,465* |
| Production, bus..... | 31,012 | 25,467‡ | 18,261§ | 754,000 | 787,000 | 831,000‡ |
| Winter Wheat— | | | | | | |
| Acres for harvest.. | 1,400‡ | 1,096‡ | 1,032§ | 38,721 | 37,773 | 34,059* |
| Production, bus..... | 24,500‡ | 19,841‡ | 13,675§ | 544,000 | 578,000 | 572,000‡ |
| Spring Wheat— | | | | | | |
| Condition, percent.. | 84 | 85 | 80 | 62.5 | 64.1 | 70.0 |
| Production, bus..... | 6,512 | 5,626‡ | 4,568§ | 210,000 | 209,000 | 258,000‡ |
| Oats— | | | | | | |
| Condition, percent.. | 90 | 90 | 84 | 61.1 | 88.3 | 81.2 |
| Production, bus..... | 8,712 | 8,058 | 6,524* | 1,090,000 | 1,526,000 | 1,433,000‡ |
| Barley— | | | | | | |
| Condition, percent.. | 87 | 87 | 85 | 68.4 | 82.5 | 78.3 |
| Production, bus..... | 5,664 | 4,674 | 4,405‡ | 167,000 | 202,000 | 208,000‡ |
| Rye— | | | | | | |
| Production, bus..... | 1,540 | 1,357 | 1,188* | 64,332 | 69,318 | 44,547* |
| White Potatoes— | | | | | | |
| Acres for harvest.. | 85 | 78 | 77§ | 3,972 | 3,929 | 3,952* |
| Condition, percent.. | 89 | 90 | 80 | 63.7 | 84.3 | 75.4 |
| Production, bus..... | 12,104 | 10,920 | 8,875§ | 323,094 | 428,000 | 371,000‡ |
| Tame Hay— | | | | | | |
| Acres for harvest.. | 1,224 | 1,236 | 1,200* | 57,432 | 57,915 | 56,552* |
| Yield, per acre, tons..... | 2.3 | 2.4 | 2.2 | 1.39 | 1.57 | 1.56 |
| Prod'n, tons..... | 2,815 | 2,966 | 2,700* | 79,830 | 91,193 | 91,883* |
| Wild Hay— | | | | | | |
| Acres for harvest.. | 356 | 367 | 360* | 14,946 | 15,266 | 15,708* |
| Yield, per acre, tons..... | 1.1 | 1.16 | 1.0 | .99 | 1.12 | 1.09 |
| Prod'n, tons..... | 392 | 426 | 360* | 14,811 | 17,040 | 17,262* |
| All Hay— | | | | | | |
| Prod'n, tons..... | 3,207 | 3,392 | 3,066* | 94,641 | 108,233 | 103,400‡ |
| Grain Sorghums—(Six States)— | | | | | | |
| Condition, percent.. | 90 | 92 | 81 | 84.6 | 91.0 | 75.5 |
| Prod'n, bus..... | 2,376 | 2,159 | 1,378* | 126,967 | 144,000 | 128,000* |
| Pastures— | | | | | | |
| Condition, percent.. | 98 | 95 | 88 | 81.6 | 86.2 | 82.3 |
| Field Beans—(Six States)— | | | | | | |
| Acres planted..... | 52 | 63 | 60* | 791 | 849 | 1,002* |
| Condition, percent.. | 92 | 83 | 85 | 81.5 | 75.4 | 77.7 |
| Production, bus..... | 473.4 | 504 | 448* | 8,780 | 9,075 | 11,935* |
| Cabbage— | | | | | | |
| Acres for harvest.. | 4.0 | 4.4 | ..... | 63.0 | 74.0 | ..... |
| Condition, percent.. | 91 | 89 | 86 | 69.8 | 88.6 | 79.5 |
| Production, cars (actual number)..... | ..... | 5,303 | ..... | ..... | Actual number 64,384 | ..... |
| Car-lot shipments (actual number)..... | ..... | 1,667 | ..... | ..... | Actual number 18,133 | ..... |
| Late Cabbage | | | | | | |
| Condition, percent.. | 70 | 60 | 63 | 34.0 | 72.4 | 53.3 |
| Agr'l Prod., bus..... | 3,443 | 2,760 | 3,418§ | 106,833 | 244,000 | 183,000‡ |
| Commercial, bhls..... | 861 | 721 | 828* | 18,928 | 38,300 | ..... |
| Peaches— | | | | | | |
| Percent of full crop | 70 | 45 | ..... | 46.5 | 61.7 | 69.6* |
| Agr'l Prod., bus..... | 910 | 585 | 840* | 33,031 | 43,700 | 46,600‡ |
| Pears— | | | | | | |
| Percent of full crop | 75 | 91 | 80 | 43.0 | 76.1 | 66.8* |
| Agr'l Prod., bus..... | 368 | 338 | 290* | 9,475 | 17,279 | 15,472* |
| Sugar Beets— | | | | | | |
| Acres..... | 214.1 | 253.6 | 145.7‡ | 882 | 872 | 692* |
| Condition, percent.. | 96 | 93 | 75* | 90.4 | 93.0 | 89.2 |
| Prod'n, tons..... | 2,532 | 2,325 | ..... | 7,985 | 8,550 | 6,220‡ |
| Swine Supply— | | | | | | |
| Number fat hogs.... | 202 | 202 | 238* | 55,912 | 56,534 | 62,073* |

Notes.—* 1919 final estimate; † 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—Agr'cultural, Agr'l; Condition, Cond'n; Commercial, Com'l; Percent, Pct.; Production, Prod'n.