BULLETIN NO. 13

MAY, 1920

Colorado Cooperative Crop Reporting Service (State and Federal)

U. S. Department of Agriculture Bureau of Crop Estimates

Leon M. Estabrook, Chief

م^ر المراجع المراجع الم

W. W. Putnam, Field Agent

Colorado State Board of Immigration Division of Agricultural Statistics

Edward D. Foster, Commissioner

Howard D. Sullivan, Deputy

Winter Wheat-The condition of winter wheat improved greatly during the month of April, due to excellent precipitation over a large portion of the state. The estimates of May 1 place the acreage of winter wheat left for harvest in the state at 88 per cent of last year's acreage, or 861,000 acres, compared with 1,064,000 acres harvested last year. The reports indicate that 92 per cent of the irrigated acreage and 88 per cent of the non-irrigated acreage is left for harvest this year. Due to the unfavorable condition of the soil at planting time last fall and the severe windy and dry weather in March, the abandonment for this year is estimated at 12 per cent of the acreage planted. or about 117,000 acres, compared with an abandonment of 1 per cent last year and an average abandonment of about 8.8 per cent for the preceding six years. The condition of the crop on May 1 is estimated at 85 per cent of normal, compared with 75 per cent on April 1 and 102 per cent May 1 last year, and an average condition on May 1 of 92 per cent. The condition of 85 per cent applied to the estimated acreage indicates a production, if weather conditions continue favorable, of 13,173,000 bushels, compared with 11,917,000 bushels, the final estimate last year.

The condition of winter wheat for the United States on May 1 was 79.1 per cent of normal, compared with 100.5 per cent on May 1 last year and an average condition on May 1 of 87.1 per cent for the past ten years. The abandonment this year is 11.9 per cent, compared with 1.1 per cent last year and an average abandonment of 10.9 per cent. The area left for harvest is estimated at 34,165,000 acres, compared with 49,905,000 acres harvested last year and 37,130,000 acres harvested in 1918. The production for this year, based upon the acreage and condition, is estimated at 484,647,000 bushels, compared with the final estimate last year of 731,636,000 bushels and a final estimate in 1918 of 565,099,000 bushels.

The Bureau of Crop Estimates of the United States Bureau of Crop Estimates received word late in April from the International Institute of Agriculture at Rome, Italy, that the area devoted to winter wheat in Spain, France, Scotland, Roumania, Bessarabia, Canada, United States, British India, Japan and Tunis this year is 92.3 per cent

ł

of last year's acreage and 91 per cent of the five-year average. The actual area is estimated at 94,962,000 acres. The condition of all cereals at that time was good in Great Britain, Ireland, Denmark, Austria and Morocco and about average in Italia, Algeria and Mesotopamia.

Ryc—The acreage of winter rye in Colorado is estimated at 85 per cent of last year's acreage, or about 109,000 acres, compared with 120,000 acres in 1919 and 127,000 acres in 1918. The condition of rye on May 1 was 85 per cent, compared with 75 per cent on April 1 and 101 per cent on May 1, 1919, and 96 per cent.on May 1, 1918. The forecast of production for this year is 1,204,000 bushels, compared with 1,560,000 bushels last year and 887,000 bushels in 1918. Rye suffered from the same causes of depreciation and improvement as affected winter wheat.

The acreage of rye for the United States is placed at 5,465,000 acres, or 77.4 per cent of last year's acreage, which was 7.063,000 acres, compared with 6,391,000 acres in 1918. The condition of rye on May 1 was 85.1 per cent of normal, compared with 86.8 per cent on April 1, 95.4 per cent on May 1, 1919, and an average condition of 90.5 per cent on May 1 for the past ten years. The estimated forecast of production this year is 79,789,000 bushels, compared with the final estimate of 88,478,000 bushels last year and 91.041,000 bushels in 1918.

All Hay—The acreage of tame hay in Colorado this year is estimated to be the same as last year, with a decrease of 1 per cent in wild hay, making the acreage of all hay about 99.6 per cent of that for last year, or 1,425,000 acres (1,068,500 acres tame and 356,500 acres wild), compared with 1,431,000 acres last year and 1,384,000 acres in 1918. The condition of hay meadows this year is 95 per cent, compared with 100 per cent last year and 94 per cent in 1918. These figures forecast a production of 2,673,000 tons, compared with 2,669.500 tons last year and 2,666,300 tons in 1918. The amount of hay on farms in the state on May 1 was estimated at 9 per cent of last year's crop, or 248,000 tons, compared with 6 per cent last year, or 148,000 tons. There was apparently sufficient hay left over to properly care for all of the live stock of the state during the recent storms in April had it been properly distributed and available at the critical time.

Preliminary estimates for the United States indicate that the acreage of tame hay to be harvested this year is 99.7 per cent of that harvested last year, or 56.191,000 acres, and of wild hay 99.2 per cent or 15,561,000 acres. This makes a total of 71,752,000 acres devoted to all hay, compared with 72,034,000 acres last year and 71,415,000 acres in 1918. The condition of hay meadows on May 1 was 89.4 per cent, compared with 94.3 per cent on May 1 last year and an average condition of 89 per cent on May 1 for the past ten years. These figures indicate a production of 111,831,000 tons this year, compared with 108,666,000 tons last year and 91,139,000 tons in 1918. The amount of last year's hay still on the farms is estimated at 10.5 per cent or 8,559,000 tons last year and 11.6 per cent, or 11,589,000 tons, the five-year average.

Pastures—The condition of pastures in Colorado on May 1 was 82 per cent of normal, compared with 97 per cent on May 1 last year and an average condition of 89 per cent on May 1. Pastures are reported late in all parts of the state, due to cool, wet weather. Condition of pastures for the United States is placed at 79.8 per cent of normal, compared with 90.3 per cent last year and an average condition of 85.5 per cent on May 1 for the past ten years.

Plowing, Spring Sowing and Planting—The advancement of spring work and plowing in Colorado on May 1 was much behind the usualspring plowing, being 52 per cent complete, compared with 70 per cent tast year, and an average of 65 per cent on May 1. Spring planting was only 45 per cent completed on May 1, compared with 63 per cent last year and an average of 57 per cent. In the United States spring plowing was only 60.1 per cent complete on May 1, compared with 72.7 per cent last year and an average of 71.4 per cent on May 1 for the past ten years. Spring sowing and planting was only 52.3 per cent complete, compared with 61 per cent last year and 59 per cent for the 10-year average.

Agricultural Outlook-The Cooperative Crop Reporting Service makes an inquiry each month regarding the amount of moisture in the soil compared with normal. Results of this inquiry were tabulated in the April Crop Bulletin under the heading "Moisture." In this copy of the Bulletin they are tabulated by counties in the table on page 7. under the heading "Moisture Compared With Normal." These figures show the views of reporters regarding the condition of the soil with reference to moisture and its possibilities for crop production, compared with what they regard as a normal condition for the season of the year at which the report is made. They are not meant to indicate a measure of the amount of moisture that has fallen during the season up to the time the report is made, as shown by the rain gauges, but the actual amount of moisture in the soil at the time the report is made, compared with a normal moisture condition at that time. The reports are meant to show the actual amount of moisture in the soil available for agricultural purposes, without reference to the amount of precipitation that has fallen. In other words, heavy precipitation during a short period does not enter the soil to any considerable extent, while a much lighter precipitation, falling over a longer period of time, may result in a much larger amount of available soil moisture, and therefore should be reported with a higher percentage figure.

Replies to this inquiry show that moisture conditions in Colorado on May 1 were regarded as exceptionally favorable to crop production, except in Districts 8 and 9, in the south-central and southeastern parts of the state. In all districts except the two named above the amount of moisture in the soil was reported as above normal, ranging from 101 per cent to 135 per cent. The average per cent of moisture shown for the several districts is as follows: District 1, 135 per cent; District 2, 119 per cent; District 3, 124 per cent; District 4, 119 per cent; District 5, 115 per cent; District 6, 101 per cent; District 7, 115 per cent; District 8, 90 per cent; District 9, 91 per cent. The average for the state is 110 per cent.

Dry Beans-Replies to a special inquiry on intentions to plant indicate that unless the farmers materially revise their plans the bean acreage in Colorado will be only about 65 per cent of that for last year, which would mean only about 45,000 acres, compared with 69,000 acres in 1919 and 252,000 acres in 1918. Similar reports from five of the principal bean producing states indicate that the bean acreage this year in the five states will be only about 71 per cent of that for last year, or 706,750 acres, compared with 1,002,000 acres last year. By states these estimates are as follows: New York, 90 per cent, or 90,000 acres, compared with 100,000 acres last year; Michigan, 75 per cent, or 232,500 acres, compared with 310,000 acres last year; Colorado, 65 per cent, or 44,850 acres, compared with 69,000 acres last year; New Mexico, 80 per cent, or 102,400 acres, compared with 128,-000 acres last year; California, 60 per cent, or 237,000 acres, compared with 395,000 acres last year. In California the acreage devoted to lima beans is only about 90 per cent of that for the preceding year, or 118,000 acres, and other beans only 45 per cent, or about the same acreage as lima beans, 118,000 acres. In addition to the foregoing the Idaho Crop Reporting Service reports the area devoted to beans in Idaho last year as 28,000 acres, compared with 43,000 acres in 1918;

and reports from the United States Bureau of Crop Estimates indicate that the acreage to be planted in Idaho this year will be about the same as last year.

Potatoes-Replies to a preliminary inquiry on intentions of farmers to plant indicate that the acreage devoted to this crop in Colorado this year will be about 94 per cent of last year's acreage. Seven of the principal late potato producing states apparently will plant only about 95 per cent of the acreage of last year, or 1,414,990 acres, compared with 1,505,000 acres harvested last year. The percentages and acreages by states follow: New York, 97 per cent, or 352,110 acres this year, compared with 363,000 acres last year; Michigan, 90 per cent. or 293,400 acres, compared with 326,000 acres last year; Wisconsin, 95 per cent, or 285,000 acres, compared with 300,000 acres last year; Colorado, 94 per cent. or 86,480 acres, compared with 92,000 acres last year; Idaho, 95 per cent, or 34,200 acres, compared with 36,000 acres last year; Minnesota, 89 per cent. or 267,000 acres, compared with 300,000 acres last year; California, 110 per cent, or 96,800 acres compared with 88,000 acres last year. Reports indicate that the acreage of potatoes to be planted in Maine will be as near as possible to the full acreage, dependent upon the amount of fertilizer available. The area harvested in Maine last year was 102,000 acres, in 1918. 112,000 acres, and in 1917, 150,000 acres. The acreage of potatoes to be planted seems to be largely limited by the high price and scarcity of good seed.

Mortality and Condition of Live Stock-In Colorado the losses of live stock due to disease and exposure exclusive of old age, accident and slaughter, have been greater in all classes of live stock except swine than the average for the past eight years. There have been especially heavy losses from exposure in range stock in some sections of the state, due to the severe and unexpected snow storms during Reports of the amount of the 1919 crop of hay left over show April. that there was apparently sufficient hay in the state to have properly fed all live stock if it had been available in the sections where needed at the critical time. The reports show that the deaths of horses from disease have been 21 head per 1,000, compared with 19 head per 1,000 last year and an average of 17 head per 1,000 for the past eight years. Losses of cattle from disease were 20 head per 1,000, compared with 22 head per 1,000 last year and an average of 18 head per 1,000 for the past seven years, while losses from exposure are estimated at 45 head per 1,000, compared with 40 head per 1,000 last year and an average of 21 head per 1,000 for the past eight years. Losses of sheep from disease were about normal, being 21 head per 1,000, compared with 24 head per 1,000 last year and an average of 17 head per 1,000 for the past eight years; while losses of sheep from exposure amounted to 45 head per 1,000, compared with 59 head per 1,000 last year and an average of 30 head per 1,000 for the past eight years. Losses of lambs from disease and exposure were 50 head per 1,000, compared with 57 head per 1,000 last year and an average of 42 head per 1,000 for the past eight years. Losses of swine from disease were 20 head per 1,000, compared with 20 head per 1,000 last year and an average of 37 head per 1,000 for the past eight years. The health of all live stock on May 1 was somewhat lower than usual, the condition of horses being 93 per cent of normal, compared with 95 per cent last year and an average of 98 per cent on May 1 for the past eight years. The condition of cattle on May 1 was 89 per cent of normal, compared with 92 per cent last year and an average condition of 96 per cent on May 1 for the past eight years. The condition of sheep on May 1 was 94 per cent, compared with 93 per cent last year and 97 per cent for the eightyear average. The condition of swine on May 1 was 96 per cent of normal, compared with 97 per cent last year and 97 per cent for the eight-year average. The somewhat lower condition of live stock is due

to the severe and unexpected storms in April and the consequent thin condition of all stock where ample feed was not available. In Colorado stock are being placed upon the ranges a little later than usual.

In the United States the loss of horses from disease and exposure for the past year is estimated at 17.6 head per 1,000, compared with 15.7 head per 1.000 last year and 19.1 head per 1.000 the ten-year average. The losses of cattle from disease were 19.6 head per 1,000, compared with 17.3 head per 1,000 last year and 19.8 head per 1,000. the ten-year average; and losses from exposure were 18.3 head per 1,000, compared with 15.8 head per 1,000 last year and 14.3 head per 1,000, the ten-year average. Losses of sheep from disease were 24 head per 1,000, compared with 19.7 head per 1,000 last year and 23.9 head per 1,000, the average. The losses of sheep from exposure were 43.1 head per 1,000, compared with 25.1 head per 1,000 last year and 28.6 head per 1,000, the average. Losses of lambs from both disease and exposure were 65.8 head per 1,000, compared with 48.3 head per 1,000 last year and 57.6 head per 1,000 for the average. Losses of swine from disease were 51.5 head per 1,000, compared with 41.4 head per 1,000 last year and 68.8 head per 1,000 for the ten-year average. The condition of horses of the United States on May 1 was 93.1 per cent of normal, compared with 95.3 per cent last year and 96.1 per cent for the ten-year average; cattle, 91.9 per cent, compared with 94.7 per cent last year and an average of 95.2 per cent; sheep, 91.6 per cent, compared with 95.9 per cent last year and 95.4 per cent for the ten-year average; swine, 92.3 per cent, compared with 94.5 per cent last year and 93.8 per cent for the ten-year average.

Summaries of the May 1 crop and livestock report for Colorado and the United States will be found on page 8 of this Bulletin.



CROP REPORTING DISTRICTS FOR COLORADO

For convenience in collecting and compiling crop statistics for Colorado the state is divided into nine districts as indicated on the map above. In all issues of this Bulletin reports on crops and livestock by counties will be arranged by districts. The map is published here for the convenience of those interested in these reports and should be preserved.

ACREAGE OF WINTER WHEAT AND RYE COMPARED WITH LAST YEAR AND CONDITION COMPARED WITH NORMAL.

Non- Non- Non- Irrigated Irrigated Irrigated All Irrigated All All Acreage All Districts and Per		,	Acreag	Winter e	dition	Winter Rye			
1. Northwest. Jackson 104 113 113 75 99 98 101 Rio Blanco 61 63 63 100 97 96 100 2. North Central. 85 84 84 90 69 74 70 Boulder 92 101 94 91 80 89 Larimer 98 90 94 93 82 89 85 Weld 92 89 90 85 85 95 79 80 80 Morgan 90 85 85 95 79 80 80 Morgan 90 85 85 95 79 80 80 Yuma 72 72 100 85 85 81 90 Yuma 90 85 97 90 97 Patta 95 95 100 103 105 103		Per	Non- Irrigated Per	All Per	Inigated Per	Non- Irrígated Per	Per	Per	Con- dition Per cent.
Grand		eene.	cont.	cene.	cont	cont.	cont.	cent.	cont.
	Grand								
Rio Bianco 61 63 63 100 97 96 100 2. North Central. Adams 85 84 84 90 69 74 70 Boulder 92 101 94 91 80 89 Denver 92 101 94 91 80 89 Larimer 98 90 94 93 82 89 85 Weld 92 89 90 85 85 95 79 80 80 Morgan 86 69 70 81 73 74 82 Phillips 90 85 85 95 79 80 80 Washington 90 84 84 90 79 74 100 Yuma 72 72 100 85 85 80 91 100 Quinison 105 105 103 103 103 103 103 Garfield 101 103 103<	Jackson Moffat	164	712	112	75	0.0	0.9	101	99
Routt 97 96 96 102 97 97 100 Adams 85 84 84 90 69 74 70 Boulder 92 101 94 91 80 89 Denver 92 101 94 91 80 89 Larimer 98 90 94 93 82 89 Janor 90 85 85 95 79 80 80 Morgan 86 69 70 81 73 74 82 Phillips	Rio Blanco				100				90
Adams 85 84 84 90 69 74 70 Doulder 92 101 94 91 80 89 Larimer 92 90 94 93 82 89 85 Weld 92 89 90 88 76 81 89 Logan 90 85 85 95 79 80 80 89 Morgan 86 69 70 81 73 74 82 Phillips									100
Boulder 92 101 94 91 80 89 Larimer 98 90 94 93 82 89 85 Weld 92 89 90 88 76 81 89 Jorgan 90 85 85 95 79 80 80 Morgan 86 69 70 81 73 74 82 Phillips	2. North Central.			1					
Denver	Adams								68
Lariner 98 90 94 93 82 89 85 3 Northeast. 02 89 50 88 76 81 89 3 Northeast. 00 85 85 95 79 80 80 Morgan 86 69 70 81 73 74 82 Phillips - - - - 93 85 85 90 Washington 90 84 84 90 77 4 100 Yuma - 72 72 100 85 85 80 4. West Central. 95 95 97 90 97 - 75 Garfield 101 103 105 103 105 103 100 Gunnison 100 105 95 90 95 100 91 100 Ouray - - - - - - - - - Garfield 100 100 100 <	Denver		101	94	91	0.Ú	89		
Weid	Larimer	98							93
Logan 90 85 85 95 79 80 80 Morgan 86 69 70 81 73 74 82 Phillips 94 94 94 89 89 90 Washington 90 84 84 90 79 74 160 Yuma 72 72 100 85 80 4. West Central. 95 97 90 97	wela	9.2	89	90	88	76	81	89	84
Morgan 86 69 70 81 73 74 82 Sedgwick 94 94 94 89 89 89 90 Sedgwick 94 94 94 84 80 79 74 160 Yuma 72 72 100 85 85 80 4. West Central. 95 97 90 97		0.0	05	05	0.5	70	80	00	98
Phillips 94 94 89 89 89 90 Washington 90 84 84 90 79 74 160 Yuma 72 72 100 85 85 80 4. West Central. 95 95 97 90 97	Morgan								98 67
Sedgwick 94 94 94 89 89 89 99 90 Washington 90 84 84 90 79 74 100 Yuma 72 72 100 85 85 80 A. West Central. 95 97 90 97	Phillips								
Yuma 72 72 100 85 85 80 4. West Central. 95 97 90 97 Eagle 101 103 101 103 105 103 Garfield 101 103 101 103 105 103 Gunnison 105 106 91 75 75 Montrose 100 92 99 95 100 95 100 Ouray Pitkin 95 100 100 80 5 Scentral. Chaffee <	Sedgwick	94							89
4. West Central. 95 97 90 97 Delta	Washington								$93 \\ 85$
Delta 95 95 97 90 97 Garfield 101 103 101 103 105 103 Garfield 101 103 105 103 Mesa 81 90 82 91 100 91 Montrose 100 92 99 95 100 95 100 Ouray 100 92 99 95 100 80 5. Central.		• • • • •	12		100	00	0.0	00	00
Eagle 101 103 103 105 103 Curnison 105 106 103 105 103 Curnison 106 91 75 Mesa 100 91 75 Montrose 100 92 95 100 95 100 Ouray 100 100 36 36 Chaffee Chaffee <td< td=""><td></td><td>95</td><td></td><td>95</td><td>97</td><td>90</td><td>97</td><td></td><td></td></td<>		95		95	97	90	97		
Junnison 105 105 105 106 91 75 Mesa 81 90 82 91 100 95 100 Ouray 95 100 95 100 95 100 Duray 95 100 100 100 86 Scentral. 90 80 75 79 100 Clear Creek 88 90 90 80 75 79 100 Jefferson 100 100 100 100 100 100 100 Park 100 100 100 100 100 100 100 Summit 125 125 71 71 95 80 83 89 Cheyenne 95 95 75 70 80 83 89 Douglas 75 70 80 83 83 83 83 83 84 84 84 85	Eagle								•••••
Mesa N 81 90 82 91 100 91 75 Montrose 100 92 99 95 100 95 100 Duray 95 100 100 86 Scentral. 100 100 86 Chaffee Clear Creek	Garfield	. 101			103	105	103		•••••
Montrose 100 92 99 95 100 95 100 Ouray 95 100 95 100 100 86 Chaffee 100 100 100 100 86 86 Chaffee 100 100 100 100 86 83 85 100 Glipin 100 100 100 100 100 100 100 100 Park 100 100 100 100 100 100 100 100 Summit 125 6 East Central. 75 72 75 70 80 Arapahoe 86 76 77 95 80 83 89 Douglas 75 70 80 83	Mesa	81			91	100	91	75	90
Ouray <							95		100
5. Central. Chaffee	Ouray				100		100	86	90
Charfee		. 95		•····	100	•••••	100	80	90
Clear Creek	5. Central.								
Fremont 88 90 90 80 75 79 100 Jefferson 100 100 100 100 100 100 100 100 Jafferson 100 100 100 100 100 100 100 Summit Summit G. East Central.	Clear Creek	- ·····							
Jefferson 100 100 100 100 100 100 Park 100 100 100 100 100 100 Park 100 100 100 100 100 100 Summit 100 100 100 100 100 100 Summit 100 100 125 125 125 6. East Central. 86 76 77 95 80 83 89 Cheyenne 95 95 71 71 95 80 83 83 83 Blbert 82 82 79 79 95 81 126 86 77 79 79 95 El Paso 85 78 78 85 83	Fremont	. 88	90	90	.80	75	79	100	95
Lake 100 100 100 100 100 100 Park 100 100 100 100 100 100 Summit 11 1100 100 100 100 100 Summit 11 1100 100 100 100 100 Summit 11 1100 100 100 100 100 100 Summit 11 1100 110 110 111 111 111 G. East Central. 11 110	Gilpin	100	100	100	9.6	83	85		•••••
Park	Jenerson				100				
Summit	Park								
6. East Central. Arapahoe 86 76 77 95 80 83 89 Cheyenne 95 95 $$	Summit							196	
Arapahoe 86 76 77 95 80 83 89 Cheyenne 95 95 71 71 95 Douglas 75 72 75 70 80 Elbert 82 82 79 79 95 El Paso 85 78 78 85 83 83 83 Kit Carson 71 70 69 66 78 78 79 79 78 Zouthwest. 71 70 69 66 78 78 79 79 78 Archuleta 91 95 95 95 100 95 95 100 Mineral 91 95 95 95 100 95 94 </td <td></td> <td></td> <td>·····</td> <td></td> <td></td> <td></td> <td></td> <td>120</td> <td>•••••</td>			·····					120	•••••
Cheyenne 95 95 71 71 95 Douglas 75 72 75 70 86 Eilbert 82 82 79 79 95 Ell Paso 85 78 78 85 83 83 83 Kit Carson 71 70 69 66 78 1000 79 75 70 <t< td=""><td></td><td>86</td><td>76</td><td>77</td><td>95</td><td>80</td><td>83</td><td>89</td><td>86</td></t<>		86	76	77	95	80	83	89	86
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Chevenne			95		71	71	95	93
El Paso 85 78 78 78 85 83 83 83 Kit Carson 71 70 69 66 78 Lincoln 86 86 79 79 78 7. Southwest.	Douglas							86	85 77
Kit Carson 71 70 69 66 78 Lincoln 86 86 79 79 78 Archuleta 71 70 69 66 78 Archuleta 79 79 78 Polores 70 79 78 Archuleta 70 79 78 Polores 70 79 79 78 Mineral 70 95 95 90 Montezuma 130 94 107 97 96 97 100 San Miguel 95 90 91 90 95 94 <td>Elbert</td> <td></td> <td></td> <td></td> <td>85</td> <td></td> <td></td> <td></td> <td>95</td>	Elbert				85				95
Lincoln 86 86 79 79 78 7. Southwest. Archuleta 9 79 78 Polores 9 91 95 95 95 100 Minetal 91 95 95 95 100 Minetal 93 94 107 97 96 97 100 San Juan 95 90 91 90 95 94 San Miguel 95 90 91 90 95 94 <							66	78	86
Archuleta	Lincoln		86	86		79	79	78	82
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $									
Hinsdale	Archuleta	· ·····							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Hinsdale								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	La Plata	. 89	103	91	95	95	95	100	100
Allowed and the second sec	Mineral		t. 0	107	97	96	97	100	97
San Miguel 95 90 91 90 95 94 8. South Central. Alamosa	Montezuma		34	107					
8. South Central. Alamosa	San Miguel	95	90	91	90	95	94		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$									
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Alamosa								
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Conejos							100	100
Huerfano 100 100 100 100 95 83 80 95 Rio Grande 105 105 98 80 92 100 9 Southeast. 105 105 98 80 92 100 Baca 80 110 110 73 71 71 115 Bent 88 95 88 73 95 73 60 Crowley 80 70 80 60 50 59 80 Kiowa 100 75 75 60 68 67 70 Las Animas 89 125 123 85 82 82 100 Otero 87 87 87 81 75 81 \dots Prowers 93 93 93 93 83 87 68 68 90	Custer							100	
Saguache 105 105 105 56 50 52 106 9 Southeast. 80 110 110 73 71 71 115 Bent 88 95 88 73 95 73 60 Crowley 80 70 80 60 50 59 80 Klowa 100 75 75 60 68 67 70 Las Animas 89 125 123 85 82 82 100 Otero 87 87 81 75 81 \dots \dots Prowers 93 93 93 93 87 68 68 97	Huerfano	. 100		100	95	83	86	95	83
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Rio Grande	105		105	98	80	92	100	
Baca 80 110 110 73 71 80 73 73		100		100	.0	00		•••	
Bent 88 95 88 73 95 73 60 Crowley 80 70 80 60 50 59 80 Kiowa 100 75 75 60 68 67 70 Las Animas 89 125 123 85 82 82 100 Otero 87 87 87 81 75 81 Prowers 93 93 93 87 68 68 90		. 80	110	110	73				85
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Bent	88	95	88				60	100
Kilowa 100 10 </td <td>Crowley</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>59 67</td> <td></td> <td>70 60</td>	Crowley						59 67		70 60
Otero 87 87 87 81 75 81 Prowers	Klowa	100		123		82			75
Prowers	Otero	87	87	87	81	75	81		84
Fueblo	Prowers	93							84
	Pueblo	100	80	83	100	80	00	90	50

6

HAY, PASTURES AND GENERAL FARMING CONDITIONS ON MAY 1.

	All Hay		Farm	Condition			
Districts and Counties	Con- of 1919 dition crop on Farms		Sowing Plowing and Done Planting Done		Moisture* Compared with Normal	of Pastures Compared with Normal	
1. Northwest.	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	
Frand				•••••	150		
ackson	85		40	24	$150 \\ 147$	51	
loffat Rio Blanco	80 96		4.0	2	111	83	
Routt	103	1	8	3	136	81	
2. North Central.			~ ~		120	68	
Adams Boulder	$94 \\ 100$	$\frac{10}{8}$	$57 \\ 80$	$\frac{44}{78}$	101	95	
Denver						05	
barimer	91	8 6	$\frac{76}{60}$		$\frac{112}{125}$	85 94	
Veld	98	0	00	04	120		
3. Northeast. Logan	100	8	63	46	114	83	
Morgan	101	4	43	40	114	89	
Phillips Sedgwick	95	12	35	34	170	94	
Washington	100	24	41	51	119	79	
ruma	100	10	50	36	119	75	
4. West Central.	100	3	82	68	101	50	
elta Cagle	102	9	25	8	110	62	
farfield	99	1	. 45	41	$\frac{122}{118}$	87 90	
Junnison Mesa	90 94	28	53	17 41	135	75	
Montrose	94	8 7	76	61	109	93	
Juray	. 98	1			160	50	
Pitkin	- 30	1			100		
5. Central. Thaffee	100	5	82	54	103	87	
lear Creek			58	53	70	48	
Fremont Filpin	90	5 25	58 15	15		50	
Jefferson	90	8	62	41	123	93	
Loke Park	$100\\100$	$15 \\ 25$			100		
Summit	100						
Teller		5	8	8	200	88	
6. East Central.	96	8	60	57	112	101	
Arapahoe Theyenne	95	12	90	60	93	70	
Douglas	85		5	32	$150 \\ 106$	$\frac{90}{78}$	
Elbert El Faso	99 89	8 13	36 17	11	95	źĞ	
Kit Carson	90 .	6	49	62	101	64	
Lincoln	95	27	36	4.6	96	78	
7. Southwest. Archuleta	100	5	18	10	133	70	
Dolores	100						
Hinsdale	85		73	67	108	94	
La Plata Mineral	98	20					
Montezuma	97	24	57	56	123	88	
San Juan San Miguel	100	14	25	5	103	65	
8. South Central.	100	* ·	20				
Mamosa	100	18	65	38	88	95	
Conejos	$97 \\ 100$	24 23	$\frac{72}{72}$	$\frac{62}{70}$	73 85	93 100	
Costilla Custer	80		$\dot{7}$ 5		78	55	
Huerfano	90	11	61	53	89 102	74 90	
Rio Grande Saguache	99 95	$\frac{13}{12}$	$\frac{66}{76}$	$56 \\ 68$	102	88	
9. Southeast.	,,,,,	12	• •				
Baca	87	22	55	62	116	70	
Bent	87 75	9 5	66 90	$\frac{75}{40}$	82 60	63 60	
Crowley Kiowa	95	15	32	15	87	85	
Las Animas	89	11	53	38	90	78 84	
Otero Prowers	93 100	8 8	88 75		$\frac{96}{88}$	61	
Pueblo	100	5	50	18	88	100	

.

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

	C	olorado		United States			
Subject	1920	1919**	Aver. 10 yr.	1920	1919**	Aver. 10 yr.	
WINTER WHEAT						10.0	
Abandoned, per cent	12	1	8.8	11.9	1.1	10.9	
Acres for harvest	861	1.064	925*	34,165	49.905	37,130*	
Condition, per cent.	85	102	9.2	79.1	100.5	87.1	
Forecast— Production, bus	13,173	11,917	9,713	484,647	731,636**	565,099*	
WINTER RYE FOR G	RAIN-						
Acres for harvest	109	120	127*	5,467	7,063	6,391*	
Condition, per cent.	85	101	96*	85.1	95.4	90.5	
Forecast— Production, bus	1,204	1,560	887*	79,789	88,478	91,041*	
HAY-ALL KINDS-	•						
Acres for harvest	1.425	1,431	1.384*	71.752	72.034	71.415*	
Condition, per cent.	95	100	94	89.4	94.3	89	
Forecast-							
Production, tons	2,673	2,700	2,666*	111.831	108,666	91.139^{*}	
Old on hand, per ct.	9	6	.	10.5	9.4	11.6†	
Old on hand, tous	248	148		11,377	8,559	11.589†	
PASTURES-							
Condition, per cent.	82	97	89	79.8	90.3	85.5	
PLOWING							
Per cent completed	52	70	65	60.1	72.7	71.4	
SPRING PLANTING-	-						
Per cent completed	45	63	57	50.2	61.0	59.	
LIVESTOCK-MORTA	ALITY	OF—PE	R 1,000-	-			
Horses & Mules, dis.	21	1.9	17	17.6	15.7	19.1	
Cattle, disease	20	22	18	19.6	17.3	19.8	
Cattle, exposure	45	10	21	18.3	15.8	14.3	
Sheep, disease	21	21	17	24.0	19.7	23.9	
Sheep, exposure	15	5.9	3.0	33.1	25.1	28.6	
Lambs, dis. & exp	50	57	. 42	65.8	48.3	57.6	
Swine, disease	20	20	37	51.5	41.4	66.8	
LIVESTOCK-CONDI	T10N-						
Horses	93	95	98	93.1	95.3	96.1	
Cattle	89	9.2	9.6	91.9	94.7	95.2	
Sheep	94	9.3	9.7	91.6	95.9	95.4	
Swine	9.6	97	97	92.3	94.5	93.8	

NOTE-The figures on acceage and production merely enumerate thousands and require that three ciphers (000) be added to complete them.

† Five-year average.

* 1918 final estimate.

** Final estimate.

COOPERATION INVITED.

The Colorado Cooperative Crop Reporting Service desires to make this monthly bulletin of the greatest possible value to all those interested in the production, movement and marketing of farm products, and urges the cooperation of all who are in position to report agricultural conditions. It solicits helpful suggestions and comments from reporters and others interested in this service. Those desiring to keep permanent files of this bulletin may obtain extra copies or missing copies by writing to the Colorado Cooperative Crop Reporting Service, at Denver, Colo.

.