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Chief, Agricultural Branch:

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Ottawa, June 10, 1930, 4 p.m. The Dominion Bureau of Statistics issued to-day a bulletin reporting on the condition of the field crops of Canada at the end of May. The report is compiled from the returns of the Bureau's corps of Crop Correspondents.

In Prince Edward Island, the condition of all crops except pasture is reported as equal to or above the ten-year average and about equal to last year's condition at the same date. In Nova Scotia, the condition of most crops is below the average and with the exception of oats, barley and rye, below last year's figures. In New Brunswick, the condition of crops is mostly average or higher, and generally above last year.

In Quebec, all crops but barley, peas and mixed grains show a condition above the average, and above last year. In Ontario, the condition of fall wheat, fall rye, hay and clover and alfalfa is reported as below both the ten-year average and last year's figure. The remaining crops, except barley, are equal to the average and above last year.

In Manitoba, the condition of all crops is below average. The condition of crops other than oats, barley and mixed grains is equal to or above the condition at the end of May last year. In Saskatchewan, all crops show a condition below the ten-year average. The condition of practically all crops is also below that of last year. In Alberta, the condition of all crops, except peas, is reported as below both the average and last year's condition at the same date.

In British Columbia, all crops but rye and mixed grains show a condition below average and all are below last year, except oats, hay and clover and pasture.

GENERAL CONDITIONS IN EASTERN CANADA

The Atlantic Provinces:- Seeding was completed early in all three provinces. While April was warm, May was cold and dry, with frosts practically every night for the first part of the month. This has retarded the growth of pastures and meadows. Recent rains have helped garden vegetables. A few orchards are in full bloom, while the outlook is for a full crop of blossoms. Early fruits promise well. An increase in crop acreage is reported from Nova Scotia.

Quebec:- The first part of May promised well, the warm weather resulting in rapid growth. The last part of the month was cold with frequent rains which hindered growth. Rains held up seeding, there being little done on low-lying lands, although a good part has been accomplished elsewhere. Frost is reported, but no serious damage has resulted. Vegetables are late for the most part, but those planted early appear to be doing well. Orchards are in full bloom, the blossom being heavy. Small fruits promise a good harvest.

Ontario:- The month of May was quite cool in many parts of the province and this condition along with rain delayed the growth of garden crops. Fall wheat has suffered considerably and some land will have to be resown, especially where it is poorly drained. Although seeding is ahead of last year in parts of the province, there has been a delay caused by cold rains. Heavy frosts were experienced during the last week, but little damage was caused. New meadows are none too promising. The fruit crop is fair to good, the amount of blossom varying greatly.

GENERAL CONDITIONS IN WESTERN CANADA

The Prairie Provinces:- Although crop conditions are reported as sub-average at the end of May, it is evident that deterioration has proceeded further in the first week of June. Damage by wind, frost and cutworms has been considerable, although the full extent of recovery or re-seeding will depend on the succeeding weather conditions. Telegraphic reports from Alberta mention serious losses in the central region. Edmonton and Lacombe agriculturists meeting at Lethbridge report that about forty per cent of the grain acreage between Olds and Edmonton has been cut off or subjected to marked injury by the wind. Less serious advices come from Saskatchewan and Manitoba, but it is patent that soil conditions are at present favourable for both drifting and cutworm activity. The quick and abundant growth of weeds is reducing the stand and increasing the water requirement of the crop in large areas. As at this date last year, copious rains are necessary to assure an average crop.

The following provincial reports are based on the schedules filled out by correspondents at the end of May:

Manitoba:- The month was generally cool and cloudy with frequent night frosts during the last fortnight. As a result, crops are somewhat backward, particularly those sown late. There has been a good deal of soil drifting, more especially on light land, so that rain is needed. Wild oats are reported as giving some trouble. The prospects for hay and pasture crops are about average. Little gardening has been done so that frost damage to garden and bush fruits has been slight.

Saskatchewan:- Seeding started in most districts earlier than average. Germination of wheat was generally uniform, but growth has not been as rapid as was expected due to cold weather and several frosts. Exceptionally high winds have caused damage in most districts and some re-seeding will be necessary. The gardens are not very far advanced as growth has been retarded by cool weather. Tender garden stuff has also suffered slight damage from frost. Crops in general will need warm weather with plenty of rain in June.

Alberta:- The weather during May was cool, dry and windy with considerable soil drifting and, during the last week, some frosts. Moisture conditions are good in the South and in the Peace River District, but supplies are deficient in the central region. The condition of garden fruits and vegetables varies from fair to good. Sugar beets in the south show great promise.

British Columbia:- Cold, wet weather during April and May has retarded the growth of all crops but with the ample moisture now present, warm weather will promote rapid growth. All crops are about ten days behind last year, but the outlook is generally promising. Frosts, during the week of May 18 to 24, did considerable damage to strawberries, tomatoes, potatoes and other tender plants. As far as tree fruits are concerned, no apparent injury resulted, but it may have some effect on the ultimate set.

CONDITION EXPRESSED NUMERICALLY

Expressed as a percentage of the average yield per acre for the ten years 1920-29, the condition of the principal field crops on May 31, 1930, for all Canada was as follows, the figures within brackets representing the condition on the corresponding date in 1929: Fall wheat 88 (101); spring wheat 96 (100); all wheat 96 (100); oats 98 (98); barley 97 (99); fall rye 92 (96); spring rye 97 (99); all rye 94 (96); peas 99 (93); mixed grains 101 (95); hay and clover 98 (99); alfalfa 96 (99); pasture 99 (97). A comparative statement of the condition of field crops at the end of May, 1925 to 1930, for all Canada and by provinces is appended.

CONDITION OF FIELD CROPS, MAY 31, 1925-30.

NOTE:- 100=Average yield per acre of the previous ten years

In interpreting these figures it should be noted that the percentages for each crop in the various years are not arithmetically comparable, since each is expressed as a percentage of a different ten-year average. Thus, the 1927 fall wheat percentage for Canada (93) is based on the average 1917-26 (24.2), while the 1930 figure (88) is based on the average, 1920-29 (25.0).

Field Crops	1925	1926	1927	1928	1929	1930
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
CANADA -						
Fall wheat	97	83	93	89	101	88
Spring wheat	102	104	95	100	100	96
All wheat	102	103	95	100	100	96
Oats	99	99	95	98	98	98
Barley	100	100	91	99	99	97
Fall rye	97	96	100	92	96	92
Spring rye	98	100	98	97	99	97
All rye	98	97	100	93	96	94
Peas	97	93	98	97	93	99
Mixed grains	97	97	97	99	95	101
Hay and clover	96	94	100	96	99	98
Alfalfa	97	92	92	88	99	96
Pasture	98	93	100	97	97	99
PRINCE EDWARD ISLAND -						
Spring wheat	102	102	105	103	101	101
Oats	102	103	105	103	101	103
Barley	102	102	103	103	104	100
Peas	103	100	103	109	98	102
Mixed grains	103	104	105	102	102	102
Hay and clover	99	106	106	97	102	101
Pasture	98	102	101	100	100	99
NOVA SCOTIA -						
Spring wheat	101	83	95	100	100	99
Oats	100	94	98	98	96	100
Barley	99	98	97	97	92	97
Spring rye	105	98	100	-	100	103
Peas	100	94	100	97	99	93
Mixed grains	101	92	94	99	99	98
Hay and clover	100	96	102	105	98	95
Pasture	98	89	100	104	95	93
NEW BRUNSWICK -						
Spring wheat	101	94	90	100	98	101
Oats	100	94	94	99	93	102
Barley	100	95	94	102	100	100
Spring rye	100	110	-	-	-	-
Peas	101	95	91	103	95	99
Mixed grains	97	105	96	99	93	101
Hay and clover	97	97	101	93	100	101
Pasture	95	94	101	103	98	98
QUEBEC -						
Spring wheat	98	93	96	93	96	100
Oats	100	96	97	96	98	100
Barley	99	93	95	94	97	99
Spring rye	98	96	97	89	99	100
Peas	97	93	97	94	96	98
Mixed grains	99	98	96	97	99	99
Hay and clover	98	97	101	99	100	102
Alfalfa	98	95	93	97	93	103
Pasture	96	94	100	99	98	102

Field Crops	1925	1926	1927	1928	1929	1930
	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
ONTARIO -						
Fall wheat	97	82	92	87	101	86
Spring wheat	96	94	97	97	94	100
All wheat	97	86	93	90	100	88
Oats	95	95	97	98	93	100
Barley	95	95	97	98	94	99
Fall rye	94	89	98	94	98	93
Peas	97	93	98	98	92	100
Mixed grains	96	96	98	99	94	101
Hay and clover	91	88	99	91	100	95
Alfalfa	96	90	91	87	99	96
Pasture	88	89	100	93	98	100
MANITOBA -						
Spring wheat	102	101	87	105	99	99
Oats	100	100	85	101	98	96
Barley	101	100	86	102	99	96
Fall rye	93	94	98	94	95	97
Spring rye	99	98	88	97	96	97
All rye	95	94	97	94	95	97
Peas	96	101	99	98	98	98
Mixed grains	100	100	81	100	99	97
Hay and clover	99	95	99	95	94	99
Alfalfa	98	95	98	93	94	99
Pasture	99	96	97	96	91	99
SASKATCHEWAN -						
Spring wheat	100	104	94	98	99	95
Oats	98	101	95	96	98	97
Barley	98	101	95	95	99	97
Fall rye	97	100	101	90	94	91
Spring rye	98	101	98	96	98	96
All rye	97	100	100	90	95	92
Peas	102	102	94	95	98	99
Mixed grains	99	99	89	98	97	95
Hay and clover	101	102	100	96	94	91
Alfalfa	100	102	100	98	97	95
Pasture	99	103	100	93	92	92
ALBERTA -						
Fall wheat	105	102	101	101	103	98
Spring wheat	107	105	100	103	102	97
All wheat	107	105	100	102	102	97
Oats	104	102	98	100	102	96
Barley	103	102	98	100	101	98
Fall rye	102	102	105	95	100	94
Spring rye	-	-	105	100	101	99
All rye	-	-	105	97	100	96
Peas	103	101	-	99	103	103
Mixed grains	104	105	99	100	102	97
Hay and clover	104	104	104	99	100	93
Alfalfa	104	102	104	101	101	94
Pasture	105	104	105	99	99	94
BRITISH COLUMBIA -						
Fall wheat	90	106	98	99	98	97
Spring wheat	101	105	98	100	99	98
All wheat	100	105	98	100	99	98
Oats	102	104	99	99	99	99
Barley	100	100	99	99	98	97
Spring rye	102	102	100	100	99	100
Peas	100	102	100	100	103	98
Mixed grains	103	103	100	98	102	100
Hay and clover	99	107	100	103	98	98
Alfalfa	97	104	101	103	98	99
Pasture	100	100	101	104	98	98

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