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DOMINION BUREAU OF STATISTICS - CANADA  
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CONDITION OF FIELD CROPS OF CANADA, JULY 31, 1944

Ottawa, August 9, 1944 (3 p.m.) With the exception of wheat, the principal field crops of Canada at the end of July showed some deterioration from the outlook at June 30, 1944. Wheat condition figures for the three Prairie Provinces, based on weather factors, showed marked improvement in Manitoba and Alberta during July, but only slight improvement in Saskatchewan. Feed grains, expressed as a percentage of the long-time average yield per acre, declined in all three provinces from the condition indicated at the end of June.

Spring wheat in Ontario and Prince Edward Island held to the June 30 figure, while in Quebec some improvement took place during the month. Elsewhere there was a moderate recession in the condition of the crop on July 31. Oats and barley lost ground everywhere except in Quebec and Prince Edward Island, while flaxseed slipped badly in Saskatchewan and Alberta, though fairly well maintaining the end of June position in Manitoba and Ontario where the acreage is relatively small.

A substantial crop of winter wheat is estimated for Ontario. The first appraisal of the crop places the outturn at 20,708,000 bushels compared with 13,222,000 bushels harvested in 1943. The acreage remaining for harvest this year is 668,000 acres compared with 601,000 acres in 1943, while yield per acre is placed this year at 31 bushels versus 22 bushels per acre a year ago. During the five years 1936-40, average production of winter wheat in Ontario was 19,070,000 bushels, while in 1942, the year of bumper harvests all over Canada, production totalled 23,391,000 bushels.

Fall rye production in the four provinces growing this crop in 1944 is estimated at 7,276,000 bushels compared with 4,468,000 bushels harvested in 1943. Saskatchewan's share of this year's total is 3,953,000 bushels, while Alberta is next highest producer with 1,512,000 bushels. The Ontario crop is placed at 1,192,000 bushels and in Manitoba the outturn is expected to reach 619,000 bushels. Yield per acre for the whole crop is estimated at 17.5 bushels against 12.7 bushels per acre in 1943.

Comparison with 1943

The condition of major field crops at the end of July 1944 is decidedly better in all provinces, except British Columbia, when contrasted with conditions on July 31, 1943. The improvement is most marked in eastern Canada and especially in Ontario and Quebec. The outlook there on July 31 a year ago was very unpromising and the final outcome proved very serious to live-stock producers in both provinces, but assistance was forthcoming from western Canada where a large reserve stock of wheat and feed grains was held.

Both Ontario and Quebec report conditions approaching normal this year in respect to feed grains, while the three Maritime Provinces and British Columbia appear to be quite favourably situated. The position in Alberta with respect to oats and barley is not so reassuring, the condition figures at the end of July this year being only slightly above those of a year ago.

Sugar beet prospects are a little better than a year ago despite the sharp drop in condition figures between June 30 and July 31 this year, while potato and turnip crops across the Dominion are mostly better than at the end of July last year. The exception is New Brunswick where the bumper potato harvest of 1943 does not appear likely to be repeated in 1944.

The condition of dry peas and beans is much better than it was a year ago in the areas of concentrated production, but a little ground was lost during July this year. Hay and clover crops are smaller on the whole, but fodder corn prospects are still substantial. Pasture conditions in a number of provinces are poorer than they were a year ago.

# CONDITION OF FIELD CROPS OF CANADA, JULY 31, 1944

The condition figure for wheat in the Prairie Provinces is based on an analysis of weather conditions expressed in percentage terms of the long-time average yield per acre, which for Manitoba is 16 bushels, for Saskatchewan 15 bushels, and for Alberta 18 bushels per acre. Condition figures for wheat in the other provinces and for all other crops, as reported by crop correspondents, are based on 100 being equal to the long-time average yield per acre. In the all-Canada figure for wheat, the Prairie Provinces condition figure based on weather data is combined with the other condition figures.

For all Canada, the condition of field crops at July 31, 1944, expressed as percentages of the long-time average yields per acre, was as follows, with the condition at June 30, 1944, and July 31, 1943, within brackets: Spring wheat 128 (113, 111); oats 90 (98, 79); barley 89 (97, 83); spring rye 83 (93, 75); peas 93 (94, 81); beans 93 (97, 79); buckwheat 93 (93, 88); mixed grains 95 (96, 75); flaxseed 81 (91, 71); corn for husking 90 (94, 76); potatoes 96 (98, 90); turnips, etc. 93 (95, 87); hay and clover 88 (89, 101); fodder corn 93 (94, 81); sugar beets 88 (93, 87); pasture 90 (94, 104).

For the Prairie Provinces, the condition of the principal grain crops at the same dates was as follows: Manitoba - Wheat 163 (135, 148); oats 96 (97, 93); barley 92 (96, 91); spring rye 91 (92, 84); flaxseed 93 (95, 92). Saskatchewan - Wheat 126 (122, 117); oats 93 (104, 79); barley 93 (103, 82); spring rye 89 (98, 74); flaxseed 80 (94, 68). Alberta - Wheat 127 (86, 88); oats 80 (90, 76); barley 80 (90, 78); spring rye 75 (78, 70); flaxseed 72 (80, 72).

## Charts on Page 4

Two charts appear on the last page of this report showing the condition of wheat by Crop Districts in the three Prairie Provinces. The condition figures are based upon an analysis of weather factors in both years and are expressed in terms of the long-time average yields per acre for each province.

## 1. Area and First Estimate of the Production of Fall Wheat, Fall Rye and Alfalfa (First Cutting), 1943 and 1944

	Area		Yield Per Acre		Production	
	1943	1944	1943	1944	1943	1944
	ac.	ac.	bu.	bu.	bu.	bu.
<b>Fall Wheat</b>						
Ontario .....	601,000	668,000	22.0	31.0	13,222,000	20,708,000
<b>Fall Rye</b>						
Ontario .....	64,000	62,400	16.5	19.1	1,056,000	1,192,000
Manitoba .....	45,000	34,000	14.4	18.2	646,000	619,000
Saskatchewan ..	187,500	236,700	10.7	16.7	2,000,000	3,953,000
Alberta .....	54,800	82,150	14.0	18.4	766,000	1,512,000
CANADA .....	351,300	415,250	12.7	17.5	4,468,000	7,276,000
			tons	tons	tons	tons
<b>Alfalfa</b>						
Quebec .....	71,300	70,600	1.82	1.50	130,000	106,000
Ontario .....	794,000	754,300	1.89	1.87	1,501,000	1,411,000
Manitoba .....	230,000	218,500	1.74	1.66	400,000	363,000
Saskatchewan ..	151,300	133,100	1.62	1.90	245,000	253,000
Alberta .....	226,000	205,700	1.43	1.61	323,000	331,000
British Columbia	71,400	72,100	1.77	1.84	126,000	133,000
CANADA .....	1,544,000	1,454,300	1.76	1.79	2,725,000	2,597,000



2 - Condition of Field Crops at July 31, 1944, as compared with July 31, 1943, and with June 30, 1944. (100=long time average yield per acre)

Province and Crop	July 31		June 30, 1944	Province and Crop	July 31		June 30, 1944
	1943	1944			1943	1944	
	p.c.	p.c.	p.c.		p.c.	p.c.	p.c.
<u>Canada</u>				<u>Ontario</u>			
Spring wheat 1/	111	128	113	Spring wheat	68	93	93
Oats	79	90	98	Oats	65	92	95
Barley	83	89	97	Barley	65	93	94
Spring rye	75	86	93	Peas	71	94	95
Peas	81	93	94	Beans	76	92	97
Beans	79	93	97	Buckwheat	88	92	92
Buckwheat	88	93	93	Mixed grains	69	95	97
Mixed grains	75	95	96	Flaxseed	72	90	91
Flaxseed	71	81	91	Corn, husking	76	91	96
Corn, husking	76	90	94	Potatoes	86	94	96
Potatoes	90	96	98	Turnips, etc.	81	97	98
Turnips, etc.	87	93	95	Hay and clover	99	90	90
Hay and clover	101	88	89	Fodder corn	81	93	96
Fodder corn	81	93	94	Sugar beets	72	93	89
Sugar beets	87	88	93	Pasture	106	91	97
Pasture	104	90	94	<u>Manitoba</u>			
<u>P. E. Island</u>				Spring wheat 2/	148	163	135
Spring wheat	94	100	100	Oats	93	96	97
Oats	99	103	102	Barley	91	92	96
Barley	97	103	99	Spring rye	84	91	92
Buckwheat	92	99	98	Peas	89	89	96
Mixed grains	101	103	101	Buckwheat	87	82	84
Potatoes	98	106	102	Mixed grains	92	86	91
Turnips, etc.	102	101	101	Flaxseed	92	93	95
Hay and clover	92	112	104	Corn, husking	76	86	85
Fodder corn	91	93	98	Potatoes	92	92	95
Pasture	102	104	107	Turnips, etc.	94	93	96
<u>Nova Scotia</u>				Hay and clover	101	96	100
Spring wheat	90	89	91	Fodder corn	87	87	90
Oats	88	93	96	Sugar beets	91	70	85
Barley	84	91	95	Pasture	105	102	104
Buckwheat	93	82	98	<u>Saskatchewan</u>			
Mixed grains	85	92	92	Spring wheat 2/	117	126	122
Potatoes	92	94	100	Oats	79	93	104
Turnips, etc.	88	86	90	Barley	82	93	103
Hay and clover	101	80	87	Spring rye	74	89	98
Fodder corn	91	84	91	Mixed grains	78	94	95
Pasture	101	79	92	Flaxseed	68	80	94
<u>New Brunswick</u>				Potatoes	88	95	97
Spring wheat	95	95	96	Turnips, etc.	85	93	94
Oats	92	95	99	Hay and clover	91	97	103
Barley	93	95	98	Fodder corn	79	92	92
Beans	94	92	95	Pasture	85	93	107
Buckwheat	93	92	95	<u>Alberta</u>			
Mixed grains	95	94	99	Spring wheat 2/	88	127	86
Potatoes	95	89	98	Oats	76	80	90
Turnips, etc.	94	90	96	Barley	78	80	90
Hay and clover	88	87	87	Spring rye	70	75	78
Fodder corn	86	88	88	Peas	89	88	92
Pasture	95	88	95	Beans	89	93	89
<u>Quebec</u>				Mixed grains	86	81	88
Spring wheat	87	94	91	Flaxseed	72	72	80
Oats	81	97	93	Potatoes	87	85	93
Barley	80	96	92	Turnips, etc.	87	89	92
Spring rye	88	89	95	Hay and clover	89	85	90
Peas	80	97	95	Fodder corn	66	79	83
Beans	85	97	95	Sugar beets	90	93	99
Buckwheat	86	96	94	Pasture	85	83	89
Mixed grains	82	92	95	<u>British Columbia</u>			
Potatoes	88	100	99	Spring wheat	95	94	96
Turnips, etc.	87	91	92	Oats	96	94	96
Hay and clover	108	86	85	Barley	94	92	97
Fodder corn	78	96	93	Spring rye	100	100	100
Pasture	111	90	88	Peas	96	98	86
				Beans	101	97	98
				Mixed grains	98	96	96
				Flaxseed	101	97	100
				Potatoes	96	93	98
				Turnips, etc.	93	89	93
				Hay and clover	88	90	92
				Fodder corn	92	93	98
				Pasture	90	83	97

1/ Includes condition figures for Prairie Provinces based on weather factors.

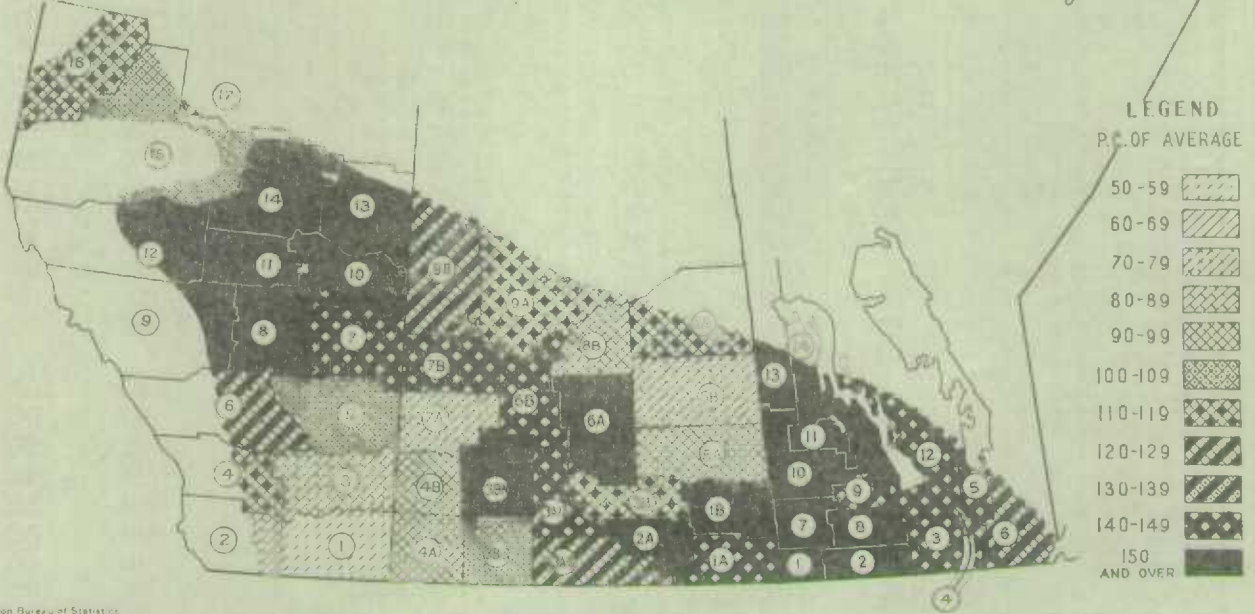
2/ Condition figures based on weather factors.



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# CONDITION OF SPRING WHEAT IN THE PRAIRIE PROVINCES, BY CROP DISTRICTS

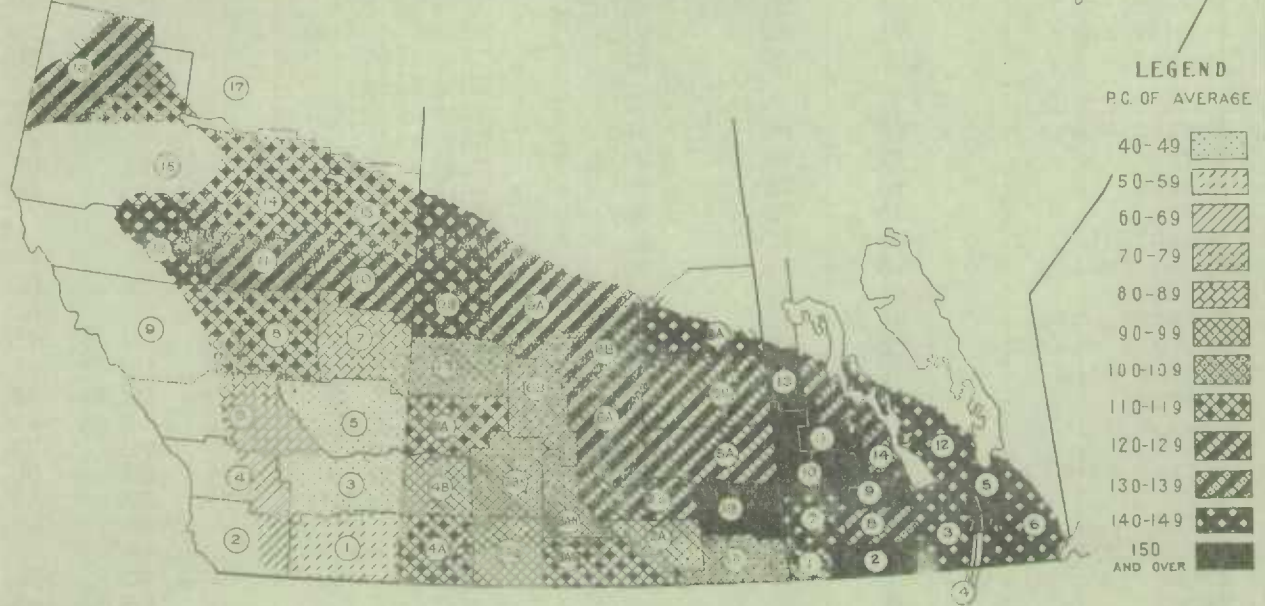
JULY 31, 1944



Dominion Bureau of Statistics

# CONDITION OF SPRING WHEAT IN THE PRAIRIE PROVINCES, BY CROP DISTRICTS

JULY 31, 1943



Dominion Bureau of Statistics