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### FIELD CROPS OF CANADA, 1942

Ottawa, July 8, 1942, 3 p.m. - A report giving (1) the numerical condition of field crops in Canada at the end of June and (2) the first estimate of the areas of late-sown crops and hay is issued today by the Dominion Bureau of Statistics. The condition figures are compiled from the reports of the Bureau's crop correspondents, with the exception of the condition figures for wheat in the Prairie Provinces, which are based upon weather developments to date.

#### SUMMARY

Crop conditions were maintained or improved through June to a point where one of the most favourable mid-season prospects in years has been reported across Canada. The spring wheat crop in the Prairie Provinces was in the best June 30 condition since the bumper years of 1927 and 1928. Ontario's fall wheat crop is near harvest and heavy yields are in prospect. Feed grains, including oats, barley, rye, buckwheat and mixed grains, are showing excellent promise both in eastern and western Canada in contrast to last year's poor prospects in Ontario and below-average condition in the Prairie Provinces. Potatoes and root crops were in very good condition. Fodder crops and pastures for Canada as a whole were in excellent condition at June 30, and together with the good prospects indicated for coarse grains, gave promise of ample supplies of feedstuffs from this year's harvest.

The weather has been drier than usual in the Maritimes, and field crops in Prince Edward Island and Nova Scotia lost somewhat in condition during June, although the current prospects are still promising if normal rainfall is received in July. In both Nova Scotia and New Brunswick, average to better than average conditions are indicated.

Quebec had favourable weather during June and all crops are reported in better condition than at June 30 last year. Good yields of hay and alfalfa are being harvested and pastures have an abundant growth. Spring cereals are also showing normal development. Flood damage from some of the heavy rains in June was quite limited.

The crops are good in Ontario, and a heavy hay crop is now being taken off. Pastures are in exceptionally good condition in central and south-western districts, although they are deteriorating in the extreme eastern counties where the weather has been quite dry. Fall wheat is ripening rapidly, and in spite of some lodging, most fields appear excellent and will give high yields. Early sown spring grains are showing heavy growth, although seeding was badly interrupted by heavy rains in central Ontario.

Heavy and well-distributed June rains in the Prairie Provinces have resulted in an exceptionally favourable outlook, surpassing that of the 1939 and the 1940 crops at June 30, and approximating the June 30 condition of the 1927 and 1928 bumper crops. While several critical weeks lie ahead of the wheat, oat and barley crops, their development up to the present has been excellent. Fall rye is somewhat off in condition in Saskatchewan and Alberta as a result of frost damage, and flaxseed was dealt an appreciable set-back by frost in some of the important producing areas, although in general the yield prospects are average to better than average. While fodder corn and alfalfa likewise suffered some frost damage, the hay and clover crops in general and also pastures are particularly promising across the three provinces.

Field crops in British Columbia made normal progress through June and were well up to last year's favourable prospects at the end of the month.

#### Weather Conditions since July 1

Saskatchewan and Alberta have had warmer and drier weather during the first week of July, while Manitoba had some light showers with continued cool weather. Ontario and Quebec have had showery weather with an absence of high temperatures so far during July.

### Condition of Field Crops, June 30, 1942

For all Canada, the condition of field crops at June 30, 1942, expressed as percentages of the long-time average yields per acre, was reported as follows, with the figures for May 31, 1942, and June 30, 1941, within brackets: Fall wheat 103 (103, 86); spring wheat 136 (109, 80); all wheat 135 (108, 80); oats 100 (94, 87); barley 100 (92, 89); fall rye 93 (92, 83); spring rye 99 (93, 86); all rye 95 (92, 84); peas 97 (96, 86); beans 93 (-, 89); buckwheat 97 (-, 85); mixed grains 97 (96, 84); flaxseed 94 (-, 87); corn for husking 88 (-, 89); potatoes 97 (-, 93); turnips, etc. 94 (-, 87); hay and clover 101 (99, 85); alfalfa 102, (97, 82); fodder corn 92 (-, 87); sugar beets 96 (-, 98); pasture 104 (101, 83).

In the Prairie Provinces, the condition of the principal cereal crops at June 30, 1942, was reported as follows, with the figures for May 31, 1942, and June 30, 1941, within brackets: Manitoba - Wheat 129 (124, 121); oats 97 (93, 98); barley 97 (93, 97); rye 98 (97, 99); flaxseed 93 (-, 97). Saskatchewan - Wheat 137 (103, 71); oats 103 (92, 82); barley 104 (94, 81); rye 93 (92, 77); flaxseed 94 (-, 83). Alberta - Wheat 139 (114, 80); oats 100 (89, 89); barley 99 (89, 90); rye 93 (87, 87); flaxseed 96 (-, 91).

### Acreage of Late-Sown Crops and Hay

The first estimate of the acreages of late-sown crops and hay in 1942 is as follows, with the 1941 preliminary census acreages, except for sugar beets, within brackets: Peas 63,700 (63,500); beans 109,500 (120,800); buckwheat 230,800 (217,900); corn for husking 317,800 (320,000); turnips, etc. 129,700 (138,200); hay and clover 9,583,000 (9,469,000); alfalfa 964,900 (973,100); fodder corn 406,300 (419,100); sugar beets 64,800 (70,700).

### Charts Showing the Condition of Spring Wheat by Crop Districts in the Prairie Provinces

The two charts shown on the last page of this report indicate the June 30, 1942 condition by crop districts in comparison with that of the same date in 1941. 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, which stand at 16 bushels for Manitoba, 15 bushels for Saskatchewan and 18 bushels for Alberta.

Exceptionally favourable June rainfall materially improved prospects in Saskatchewan and Alberta this year and maintained the promising outlook in Manitoba. Temperatures in all three provinces during June were well below average, although the widespread frosts which occurred did very little damage to wheat as compared with that done to some of the more susceptible crops. The weather during the month of June was in sharp contrast to that of June 1941, when high temperatures and below-normal rainfall in Saskatchewan and Alberta sharply reduced the 1941 prospects. In contrast this year, the Saskatchewan condition figure rose from 103 at May 31 to 137 at June 30. Between the same dates last year the Saskatchewan condition dropped from 92 to 71. Alberta's wheat condition this year rose from 114 at May 31 to 139 at June 30, having dropped from 98 to 80 between the same dates last year. Manitoba's condition rose from 124 to 129 as against a decline from 128 to 121 through June in 1941.

#### Manitoba

By crop districts, the lowest condition figures at June 30 were 86 for District 1, 100 for District 8 and 101 for District 6. The best prospects were in the north-western sections with Districts 10, 11 and 13 having a condition of 154. District 3 has a condition of 138 compared with 126 last year.

#### Saskatchewan

At June 30, 1942, the district figures ranged from 97 in District 1A to 192 in 8A, whereas a year ago the range was from 37 in 3AN to 119 in 4A. A marked improvement occurred in most Saskatchewan districts between May 31 and June 30 of this year, this being particularly noticeable in the central and western districts.

#### Alberta

All Alberta districts improved in condition through June and prospects were most encouraging in contrast with those of last year. The June 30 condition ranged from 92 in District 5 to 209 in District 11. A year ago the range was from 40 in District 5 to 143 in District 15.



1. Condition of Field Crops at June 30, 1942, as Compared with May 31, 1942, and June 30, 1941.

Note:- 100=Long-time Average Yield per acre

Province and Crop	June 30 1941	May 31, 1942	June 30 1942	Province and Crop	June 30, 1941	May 31, 1942	June 30, 1942
	p.c.	p.c.	p.c.		p.c.	p.c.	p.c.
<u>Canada</u>				<u>Quebec</u>			
Fall wheat	86	103	103	Spring wheat	94	100	98
Spring wheat <sup>1/</sup>	80	109	136	Oats	96	99	100
All wheat <sup>1/</sup>	80	108	135	Barley	94	99	99
Oats	87	94	100	Spring rye	94	95	100
Barley	89	92	100	Peas	97	100	99
Fall rye	83	92	93	Beans	96	-	98
Spring rye	86	93	98	Buckwheat	95	-	99
All rye	84	92	95	Mixed grains	96	100	101
Peas	86	96	97	Potatoes	97	-	101
Beans	89	-	93	Turnips, etc.	96	-	97
Buckwheat	85	-	97	Hay and clover	92	100	101
Mixed grains	84	96	97	Alfalfa	95	98	99
Flaxseed	87	-	94	Fodder corn	94	-	99
Corn, husking	89	-	88	Pasture	87	102	104
Potatoes	93	-	97				
Turnips, etc.	87	-	94	<u>Ontario</u>			
Hay and clover	85	99	101	Fall wheat	86	103	103
Alfalfa	82	97	102	Spring wheat	78	98	97
Fodder corn	87	-	92	All wheat	85	103	103
Sugar beets	98	-	96	Oats	77	98	96
Pasture	83	101	104	Barley	79	95	94
				Fall rye	85	99	101
<u>P. E. Island</u>				Peas	81	94	96
Spring wheat	99	104	95	Beans	88	-	92
Oats	98	105	91	Buckwheat	78	-	96
Barley	97	105	93	Mixed grains	80	96	97
Buckwheat	94	-	93	Flaxseed	81	-	94
Mixed grains	97	105	93	Corn, husking	89	-	88
Potatoes	92	-	99	Potatoes	86	-	94
Turnips, etc.	95	-	89	Turnips, etc.	80	-	93
Hay and clover	100	109	88	Hay and clover	66	101	104
Fodder corn	97	-	96	Alfalfa	77	101	106
Pasture	103	108	93	Fodder corn	84	-	91
				Sugar beets	97	-	99
<u>Nova Scotia</u>				Pasture	67	104	107
Spring wheat	98	101	98				
Oats	95	104	100	<u>Manitoba</u>			
Barley	96	101	97	Spring wheat <sup>2/</sup>	121	124	129
Buckwheat	98	-	99	Oats	98	93	97
Mixed grains	91	103	100	Barley	97	93	97
Potatoes	95	-	101	Fall rye	100	97	98
Turnips, etc.	97	-	97	Spring rye	95	95	97
Hay and clover	96	107	102	All rye	99	97	98
Fodder corn	96	-	94	Peas	96	93	91
Pasture	98	105	103	Buckwheat	95	-	91
				Mixed grains	97	92	94
<u>New Brunswick</u>				Corn, husking	-	-	89
Spring wheat	97	100	99	Flaxseed	97	-	93
Oats	95	100	100	Potatoes	97	-	94
Barley	96	98	99	Turnips, etc.	95	-	93
Beans	97	-	96	Hay and clover	105	97	99
Buckwheat	94	-	98	Alfalfa	101	92	95
Mixed grains	99	95	100	Fodder corn	96	-	91
Potatoes	96	-	100	Sugar beets	101	-	91
Turnips, etc.	94	-	98	Pasture	108	97	104
Hay and Clover	96	106	103				
Fodder corn	96	-	96				
Pasture	99	105	101				

1. Condition of Field Crops at June 30, 1942, as Compared with May 31, 1942,  
and June 30, 1941 (Concluded)

Province and crop	June 30, 1941	May 31, 1942	June 30, 1942	Province and crop	June 30, 1941	May 31, 1942	June 30, 1942
	p.c.	p.c.	p.c.		p.c.	p.c.	p.c.
<u>Saskatchewan</u>				<u>British Columbia</u>			
Spring wheat <u>2/</u>	71	103	137	Spring wheat	101	98	101
Oats	82	92	103	Oats	102	99	101
Barley	81	94	104	Barley	99	98	101
Fall rye	75	91	91	Spring rye	103	101	104
Spring rye	82	93	100	Peas	103	97	99
All rye	77	92	93	Beans	104	-	96
Mixed grains	90	85	98	Mixed grains	101	98	99
Flaxseed	83	-	94	Flaxseed	102	-	103
Potatoes	89	-	89	Potatoes	98	-	96
Turnips, etc.	87	-	91	Turnips, etc.	98	-	96
Hay and clover	88	88	97	Hay and clover	101	101	106
Alfalfa	92	79	84	Alfalfa	101	101	104
Fodder corn	91	-	79	Fodder corn	96	-	93
Pasture	83	85	102	Pasture	102	101	107
<u>Alberta</u>							
Spring wheat <u>2/</u>	80	114	139				
Oats	89	89	100				
Barley	90	89	99				
Fall rye	88	86	93				
Spring rye	87	89	94				
All rye	87	87	93				
Peas	93	99	100				
Beans	90	-	92				
Mixed grains	89	89	98				
Flaxseed	91	-	96				
Potatoes	93	-	95				
Turnips, etc.	89	-	96				
Hay and clover	83	77	95				
Alfalfa	86	81	97				
Fodder corn	87	-	81				
Sugar beets	98	-	96				
Pasture	84	76	101				

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

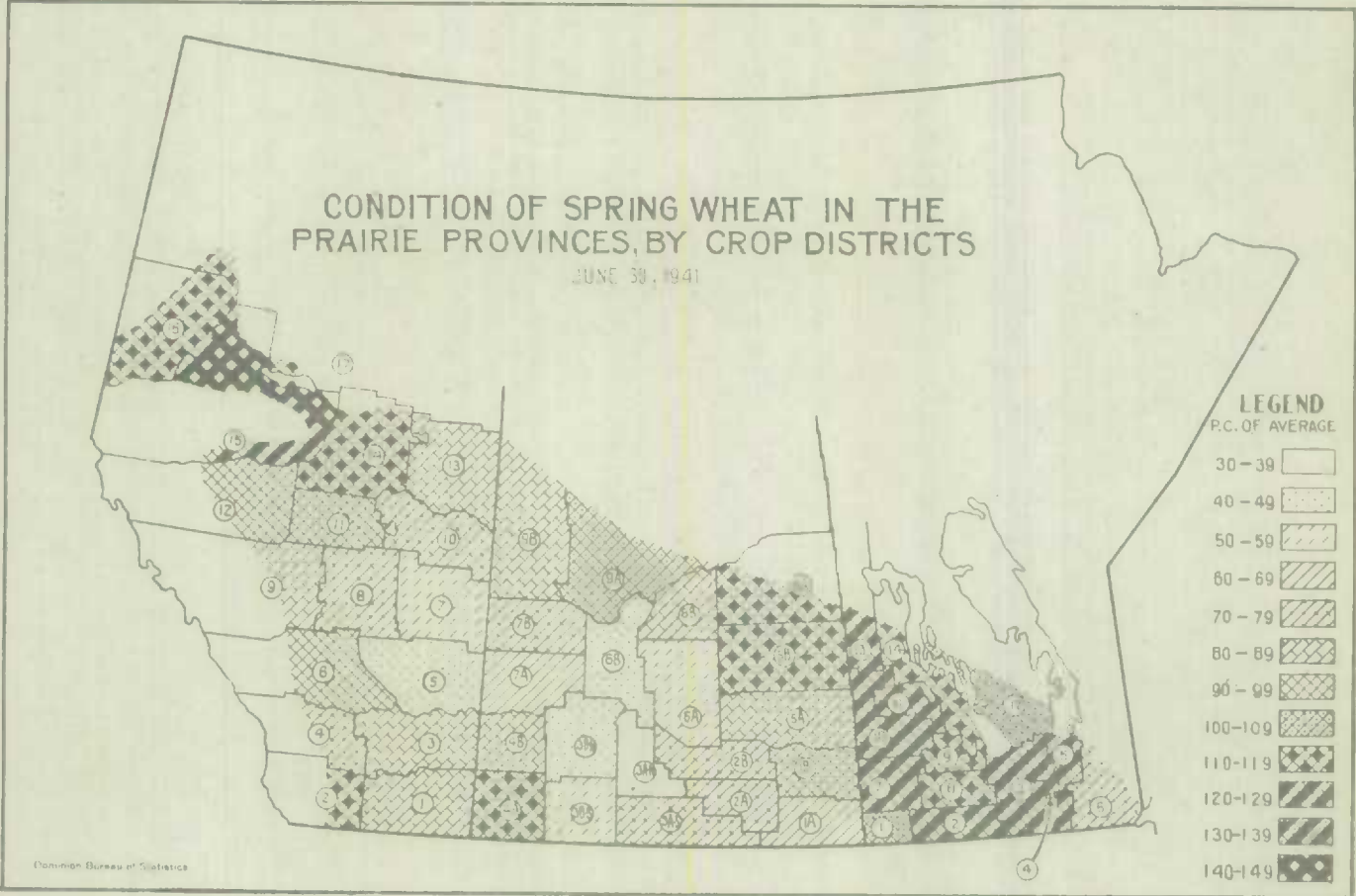
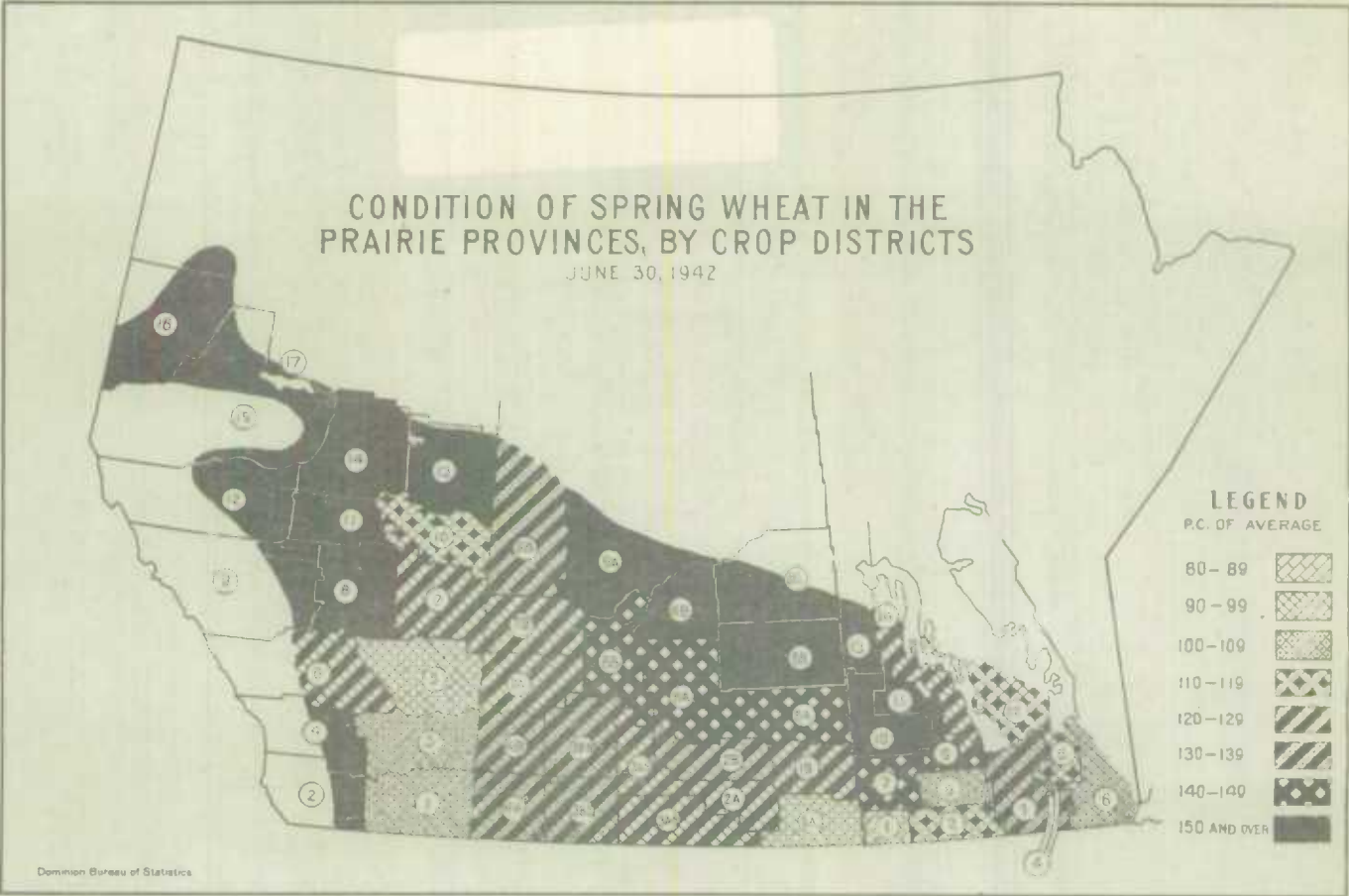
2/ Condition figures based on weather factors.

11. Areas of Late-Sown Crops and Hay, 1942, as Compared with 1941.

Province and Crop	1941 acres	Per cent of 1941 p.c.	1942 acres	Province and Crop	1941 acres	Per cent of 1941 p.c.	1942 acres
<u>Canada -</u>				<u>Manitoba -</u>			
Peas	63,500	100	63,700	Peas	1,200	100	1,200
Beans	120,800	91	109,500	Buckwheat	7,100	97	6,900
Buckwheat	217,900	106	230,800	Corn for husking	75,000	97	72,800
Corn, husking	320,000	99	317,800	Turnips, etc.	2,600	94	2,400
Turnips, etc.	138,200	94	129,700	Hay and clover	329,000	100	329,000
Hay and clover	9,469,000	101	9,583,000	Alfalfa	77,500	97	75,200
Alfalfa	973,100	99	964,900	Fodder corn	36,900	97	35,800
Fodder corn	419,100	97	406,300	Sugar Beets	16,800	89	15,000
Sugar Beets	70,700	92	64,800				
<u>Prince Edward Island -</u>				<u>Saskatchewan -</u>			
Buckwheat	1,400	87	1,200	Turnips, etc.	1,300	98	1,300
Turnips, etc.	10,700	99	10,600	Hay and clover	319,000	100	319,000
Hay and clover	218,000	98	214,000	Alfalfa	112,000	99	111,000
Fodder corn	600	102	600	Fodder corn	9,400	92	8,600
<u>Nova Scotia -</u>				<u>Alberta -</u>			
Buckwheat	1,500	97	1,500	Peas	5,600	98	5,500
Turnips, etc.	10,000	99	9,900	Beans	1,300	92	1,200
Hay and clover	383,000	102	391,000	Turnips, etc.	2,600	97	2,500
Fodder corn	600	95	600	Hay and clover	465,000	100	465,000
				Alfalfa	134,000	99	133,000
				Fodder corn	3,200	91	2,900
				Sugar Beets	23,800	117	27,800
<u>New Brunswick -</u>				<u>British Columbia -</u>			
Beans	500	100	500	Peas	5,100	104	5,300
Buckwheat	18,000	97	17,500	Beans	800	98	800
Turnips, etc.	10,600	95	10,100	Turnips, etc.	3,500	95	3,300
Hay and clover	555,000	101	561,000	Hay and clover	193,000	101	195,000
Fodder corn	1,100	99	1,100	Alfalfa	65,700	101	66,400
				Fodder Corn	4,600	95	4,400
<u>Quebec -</u>							
Peas	15,700	103	16,200				
Beans	6,200	100	6,200				
Buckwheat	73,900	103	76,100				
Turnips, etc.	33,600	97	32,600				
Hay and clover	3,871,000	101	3,910,000				
Alfalfa	36,900	101	37,300				
Fodder corn	67,700	102	69,100				
<u>Ontario -</u>							
Peas	35,900	99	35,500				
Beans	112,000	90	100,800				
Buckwheat	116,000	110	127,600				
Corn, husking	245,000	100	245,000				
Turnips, etc.	63,300	90	57,000				
Hay and clover	3,136,000	102	3,199,000				
Alfalfa	547,000	99	542,000				
Fodder corn	295,000	96	283,200				
Sugar Beets	30,100	73	22,000				

NOTE:- The 1941 acreages are preliminary figures from the 1941 Census, except sugar beet acreages, which are the reported commercial areas.





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