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the Authority of the Hon. James A. MacKinnon, M.P.,  
Minister of Trade and Commerce

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### FIELD CROPS OF CANADA

Ottawa, September 10, 1943. (3 p.m.) - Wheat production in Canada in 1943 is placed at 296,259,000 bushels in the first estimate of the crop made today by the Dominion Bureau of Statistics. This is only 50 per cent of the 1942 harvest as indicated by the third estimate of last year's crop, and is the smallest wheat crop produced in Canada since 1937. It is noteworthy, however, that the new crop is larger than any harvested during the five years from 1933 to 1937 and was produced on the smallest acreage seeded to wheat in Canada since 1918.

Yield per acre at 16.9 bushels is slightly above the long-time average but compared with 1942 is approximately 10.5 bushels per acre less for all classes of wheat. Spring wheat yield per acre this year is estimated at 16.7 bushels compared with 27.3 bushels in 1942, while the yield per acre of fall wheat is estimated at 23 bushels compared with 30.9 bushels per acre a year ago. In all provinces except the Maritimes and Quebec the yield of spring wheat shows a sharp reduction from a year ago.

The three Prairie Provinces account for 279,000,000 bushels of the total wheat crop estimated for 1943 and in both Manitoba and Saskatchewan the yield per acre exceeds the long-time average of 16 and 15 bushels respectively, while in Alberta the yield is just under the long-time average of 18 bushels per acre. The yield in the three provinces is 16.7 bushels per acre compared with 27.4 bushels in 1942.

Production for all Canada of the various classes of wheat indicated for 1943 and the third estimate of the 1942 harvest follow:

	1st Estimate 1943 Crop	3rd Estimate 1942 Crop
	bushels	
Common Wheat .....	275,736,000	562,481,200
Durum Wheat .....	6,700,000	6,811,800
Ontario Winter Wheat ...	13,823,000	23,391,000
Total Wheat .....	296,259,000	592,684,000

The third estimate of the 1942 wheat crop is still subject to revision and the final estimate will be made in January 1944, but preliminary disposition data now available suggest that the crop was over-estimated to the extent of about 36 million bushels.

Harvesting of wheat in the Prairie Provinces is well advanced and the quality of the first run of the crop is good. Recent wet weather and sharp frost in some sections of western Canada may lower the grade of an undetermined proportion of the crop, but it is still too early to appraise the general quality of the new wheat. With respect to winter wheat produced in Ontario the quality of the new crop is reported to be disappointing.

### Feed Grains

The larger acreage seeded to oats and barley has offset to some extent the lower yields per acre indicated for 1943 compared with 1942. Production of oats this year is estimated at 499,609,000 bushels, a reduction of approximately 152,000,000 bushels from the 1942 harvest of which 93,000,000 bushels occurred in the three Prairie Provinces. The barley crop is placed at 222,655,000 bushels which is only some 36,500,000 bushels less than a year ago. Western Canada accounted for 30,000,000 bushels of this shrinkage. Rye production at 8,478,000 bushels is only about one-third of the 1942 harvest, but this reduction is due more to the sharp curtailment of acreage than to lower yield per acre.

Ontario and Quebec have made relatively the poorest showing in the production of feed grains in 1943, particularly with respect to oats. These two provinces produced approximately 135,000,000 bushels of oats in 1942, but the first estimate of this year's crop indicates a combined crop of about 75,000,000 bushels. Ontario is also well down from last year in the production of barley with an indicated crop of 6,417,000 bushels compared with 12,179,000 bushels harvested in 1942. The feed grain situation in these two provinces is substantially worse than it was in 1941 when the Dominion Government introduced the Freight Assistance Policy to make western feed grain available to live-stock producers in eastern Canada.



In the Prairie Provinces the smaller feed grain crops this year are backed up by fairly substantial stocks of old crop, much of which were carried over on farms, but some areas which suffered from drought in 1943 and have a large live-stock population to feed may have to draw on outside supplies during the coming year.

Hay and clover crops are larger than last year in four out of the nine provinces and the total production for the Dominion as a whole is 1,144,000 tons greater than in 1942.

#### Flaxseed

Production of flaxseed for oil this year is estimated at 17,689,000 bushels compared with 14,992,000 bushels produced in 1942, but this increase is due entirely to the expansion in flaxseed acreage. The yield per acre is placed at 6.3 bushels compared with 10 bushels in 1942. Weedy conditions and rust have combined to lower production prospects in 1943. The acreage seeded to flaxseed in 1942 was 1,492,000 acres, but in 1943 the area planted was 2,797,800 acres mostly in the three Prairie Provinces.

#### Late-sown Crops

The condition of late-sown crops at August 31, 1943, shows some improvement from a month earlier in a number of crops but compared with the end of August 1942, the condition figures are substantially lower. Corn for husking is much less promising in Ontario than it was a year ago, but in Manitoba there has been steady improvement in the past two months and the condition at the end of August compared quite favourably with a year earlier. Potato crop prospects have declined sharply in Prince Edward Island but show improvement in some other provinces. The condition of the whole crop, however, is 88 per cent compared with 96 per cent at the end of August 1942. Sugar beets showed improvement during August in Canada as a whole but prospects declined slightly in Alberta.

### FIRST ESTIMATE OF THE PRODUCTION OF GRAIN CROPS

The total production of the principal grain crops in Canada in 1943 is now estimated, in bushels, as follows, with the 1942 figures within brackets: Fall wheat 13,823,000 (23,391,000); spring wheat 282,436,000 (569,293,000); all wheat 296,259,000 (592,684,000); oats 499,609,000 (651,954,000); barley 222,655,000 (259,156,000); fall rye 5,379,000 (18,201,000); spring rye 3,099,000 (6,541,000); all rye 8,478,000 (24,742,000); flaxseed 17,689,000 (14,992,000). The average yields per acre, in bushels, are estimated as follows, with the 1942 averages within brackets: Fall wheat 23.0 (30.9); spring wheat 16.7 (27.3); all wheat 16.9 (27.5); oats 32.4 (47.3); barley 26.5 (37.2); fall rye 15.3 (18.0); spring rye 13.8 (20.2); all rye 14.7 (18.5); flaxseed 6.3 (10.0).

### PRODUCTION OF GRAIN CROPS IN THE PRAIRIE PROVINCES

For the Prairie Provinces the first estimate of the production of grain crops in 1943, in bushels, is as follows, with the 1942 figures within brackets: Three Provinces - Wheat 279,000,000 (565,000,000); oats 407,000,000 (500,000,000); barley 211,000,000 (241,000,000); rye 7,219,000 (23,000,000); flaxseed 17,400,000 (14,700,000). Manitoba - Wheat 39,000,000 (52,000,000); oats 62,000,000 (70,000,000); barley 65,000,000 (74,000,000); rye 910,000 (3,600,000); flaxseed 2,800,000 (2,000,000). Saskatchewan - Wheat 155,000,000 (335,000,000); oats 203,000,000 (255,000,000); barley 82,000,000 (92,000,000); rye 4,819,000 (15,000,000); flaxseed 12,000,000 (10,500,000). Alberta - Wheat 85,000,000 (178,000,000); oats 142,000,000 (175,000,000); barley 64,000,000 (75,000,000); rye 1,490,000 (4,400,000); flaxseed 2,600,000 (2,200,000).

### FIRST ESTIMATE OF THE PRODUCTION OF HAY AND CLOVER

The total production of hay and clover, in tons, is now estimated as follows, with last year's figures within brackets: Canada 17,205,000 (16,061,000); Prince Edward Island 326,000 (345,000); Nova Scotia 725,000 (663,000); New Brunswick 828,000 (970,000); Quebec 6,905,000 (5,521,000); Ontario 5,732,000 (5,962,000); Manitoba 836,000 (792,000); Saskatchewan 479,000 (537,000); Alberta 987,000 (787,000); British Columbia 387,000 (484,000).

### CONDITION OF LATE-SOWN CROPS

At August 31, 1943, the condition of late-sown crops for all Canada expressed in percentages of the long-time average yields per acre, is reported as follows, with the condition figures for July 31, 1943, and August 31, 1942, within brackets: Peas 80 (81, 95); beans 82 (79, 90); buckwheat 91 (88, 94); mixed grains 70 (75, 104); corn for husking 77 (76, 92); potatoes 88 (90, 96); turnips, etc. 90 (87, 96); alfalfa 93 (- 101); fodder corn 81 (81, 95); sugar beets 89 (87, 101); pasture 103 (104, 97).

1. First Estimate of the Production of Wheat, Oats, Barley, Rye, Flaxseed and Hay and Clover in Canada in 1943 as compared with 1942

	Area		Yield per acre		Production	
	1942	1943	1942	1943	1942	1943
	acres	acres	bu.	bu.	bu.	bu.
<u>CANADA -</u>						
Fall wheat	757,000	601,000	30.9	23.0	23,391,000	13,823,000
Spring wheat	20,829,500	16,886,700	27.3	16.7	569,293,000	282,436,000
All wheat	21,586,500	17,487,700	27.5	16.9	592,684,000	296,259,000
Oats	13,782,300	15,406,900	47.3	32.4	651,954,000	499,609,000
Barley	6,972,900	8,396,800	37.2	26.5	259,156,000	222,655,000
Fall rye	1,013,600	351,300	18.0	15.3	18,201,000	5,379,000
Spring rye	324,100	224,800	20.2	13.8	6,541,000	3,099,000
All rye	1,337,700	576,100	18.5	14.7	24,742,000	8,478,000
Flaxseed	1,492,200	2,797,800	10.0	6.3	14,992,000	17,689,000
			tons	tons	tons	tons
Hay and clover	9,707,000	9,815,600	1.65	1.75	16,061,000	17,205,000
			bu.	bu.	bu.	bu.
<u>PRINCE EDWARD ISLAND -</u>						
Spring wheat	9,000	8,000	18.0	18.0	162,000	144,000
Oats	125,000	122,700	28.0	35.0	3,500,000	4,295,000
Barley	13,000	14,800	28.0	31.0	364,000	440,000
			tons	tons	tons	tons
Hay and clover	230,000	217,100	1.50	1.50	345,000	326,000
			bu.	bu.	bu.	bu.
<u>NOVA SCOTIA -</u>						
Spring wheat	2,500	2,000	21.0	20.0	53,000	40,000
Oats	69,000	69,000	38.0	34.0	2,622,000	2,346,000
Barley	13,000	12,600	29.0	25.0	377,000	315,000
			tons	tons	tons	tons
Hay and clover	390,000	402,700	1.70	1.80	663,000	725,000
			bu.	bu.	bu.	bu.
<u>NEW BRUNSWICK -</u>						
Spring wheat	3,800	3,200	22.0	23.0	84,000	74,000
Oats	197,000	206,300	35.0	36.0	6,895,000	7,427,000
Barley	18,400	18,900	31.0	32.0	570,000	605,000
			tons	tons	tons	tons
Hay and clover	606,000	636,900	1.60	1.30	970,000	828,000
			bu.	bu.	bu.	bu.
<u>QUEBEC -</u>						
Spring wheat	28,700	27,500	19.3	19.0	554,000	523,000
Oats	1,686,000	1,690,000	30.0	23.8	50,580,000	40,222,000
Barley	132,600	156,000	27.5	20.0	3,812,000	3,120,000
Spring rye	11,100	12,600	17.7	15.8	196,000	199,000
			tons	tons	tons	tons
Hay and clover	4,001,000	4,062,000	1.38	1.70	5,521,000	6,905,000
			bu.	bu.	bu.	bu.
<u>ONTARIO -</u>						
Fall wheat	757,000	601,000	30.9	23.0	23,391,000	13,823,000
Spring wheat	42,000	37,800	20.5	17.0	861,000	643,000
All wheat	799,000	638,800	30.4	22.6	24,252,000	14,466,000
Oats	1,966,000	1,457,000	43.0	23.8	84,538,000	34,677,000
Barley	353,000	279,000	34.5	23.0	12,179,000	6,417,000
Fall rye	78,600	64,000	19.1	16.1	1,501,000	1,030,000
Flaxseed	24,000	24,000	10.9	9.0	262,000	216,000
			tons	tons	tons	tons
Hay and clover	3,105,000	2,866,000	1.92	2.00	5,962,000	5,732,000
			bu.	bu.	bu.	bu.
<u>MANITOBA -</u>						
Spring wheat	1,930,000	1,640,000	26.9	23.8	52,000,000	39,000,000
Oats	1,480,000	1,631,500	47.3	38.0	70,000,000	62,000,000
Barley	2,021,000	2,341,000	36.6	27.8	74,000,000	65,000,000
Fall rye	145,000	45,000	19.3	16.0	2,800,000	720,000
Spring rye	39,000	11,000	20.5	17.3	800,000	190,000
All rye	184,000	56,000	19.6	16.3	3,600,000	910,000
Flaxseed	227,000	284,000	8.8	9.9	2,000,000	2,800,000
			tons	tons	tons	tons
Hay and clover	417,000	440,000	1.90	1.90	792,000	836,000
			bu.	bu.	bu.	bu.



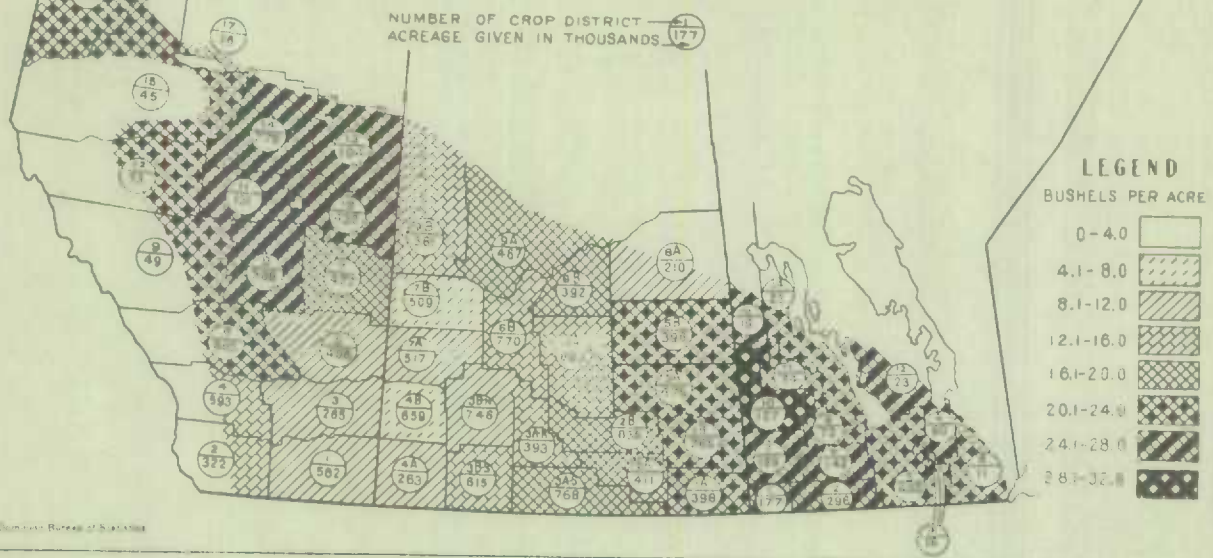
	Area		Yield per acre		Production	
	1942	1943	1942	1943	1942	1943
	acres	acres	bu.	bu.	bu.	bu.
<u>SASKATCHEWAN -</u>						
Spring wheat	12,353,000	10,260,000	27.1	15.1	335,000,000	155,000,000
Oats	4,902,000	6,482,000	52.0	31.3	255,000,000	203,000,000
Barley	2,468,000	3,316,000	37.3	24.7	92,000,000	82,000,000
Fall rye	650,000	187,500	16.9	14.5	11,000,000	2,719,000
Spring rye	197,000	152,400	20.3	13.8	4,000,000	2,100,000
All rye	847,000	339,900	17.7	14.2	15,000,000	4,819,000
Flaxseed	1,056,000	2,084,400	9.9	5.8	10,500,000	12,000,000
			tons	tons	tons	tons
Hay and clover	277,000	319,300	1.94	1.50	537,000	479,000
			bu.	bu.	bu.	bu.
<u>ALBERTA -</u>						
Spring wheat	6,370,000	4,829,000	27.9	17.6	178,000,000	85,000,000
Oats	3,284,000	3,676,000	53.3	38.6	175,000,000	142,000,000
Barley	1,925,000	2,239,000	39.0	28.6	75,000,000	64,000,000
Fall rye	140,000	54,800	20.7	16.6	2,900,000	910,000
Spring rye	75,000	47,400	20.0	12.2	1,500,000	580,000
All rye	215,000	102,200	20.5	14.6	4,400,000	1,490,000
Flaxseed	183,000	400,000	12.0	6.5	2,200,000	2,600,000
			tons	tons	tons	tons
Hay and clover	463,000	657,800	1.70	1.50	787,000	987,000
			bu.	bu.	bu.	bu.
<u>BRITISH COLUMBIA -</u>						
Spring wheat	90,500	79,200	28.5	25.4	2,579,000	2,012,000
Oats	73,300	72,400	52.1	50.3	3,819,000	3,642,000
Barley	22,900	20,100	37.3	37.7	854,000	758,000
Spring rye	2,000	1,400	22.3	21.7	45,000	30,000
Flaxseed	2,200	5,400	13.7	13.5	30,000	73,000
			tons	tons	tons	tons
Hay and clover	218,000	213,800	2.22	1.81	484,000	387,000

2. Area and First Estimate of the Production of Wheat, Oats, Barley, Rye and Flaxseed  
in the Prairie Provinces 1943, as compared with 1942

	Area		Yield per acre		Production	
	1942	1943	1942	1943	1942	1943
	acres	acres	bu.	bu.	bu.	bu.
Wheat .....	20,653,000	16,729,000	27.4	16.7	565,000,000	279,000,000
Oats .....	9,666,000	11,789,500	51.7	34.5	500,000,000	407,000,000
Barley .....	6,414,000	7,896,000	37.6	26.7	241,000,000	211,000,000
Rye .....	1,246,000	498,100	18.5	14.5	23,000,000	7,219,000
Flaxseed .....	1,466,000	2,768,400	10.0	6.3	14,700,000	17,400,000

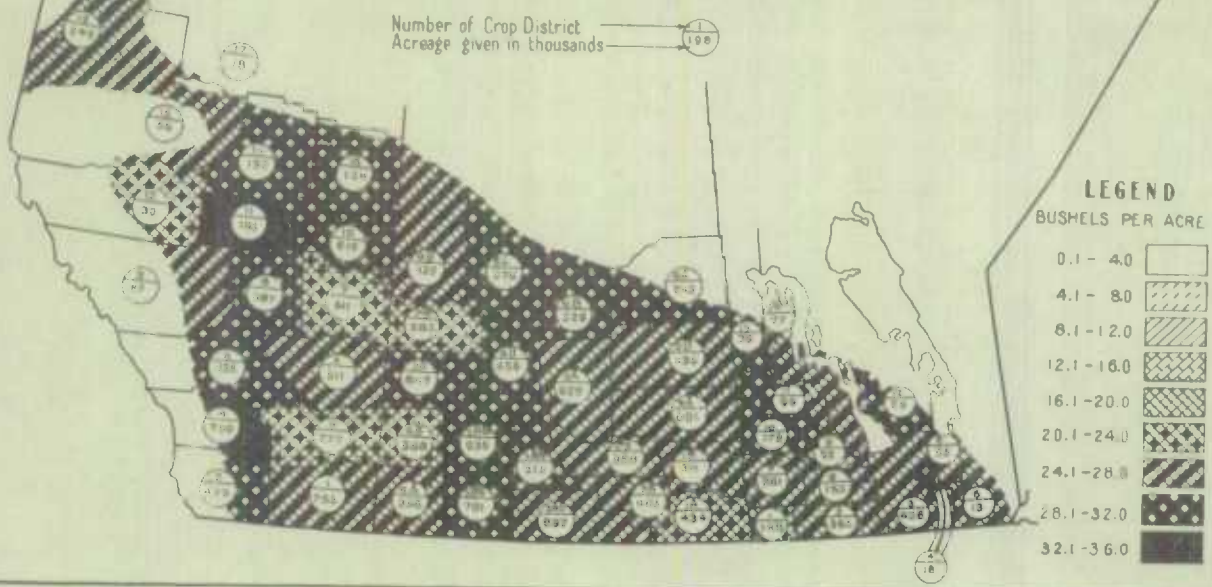
# AVERAGE YIELDS PER ACRE OF WHEAT IN THE PRAIRIE PROVINCES, BY CROP DISTRICTS 1943

ACCORDING TO THE FIRST ESTIMATE OF SEPT. 10, 1943



# AVERAGE YIELDS PER ACRE OF WHEAT IN THE PRAIRIE PROVINCES BY CROP DISTRICTS, 1942

ACCORDING TO THE THIRD ESTIMATE OF JAN. 21, 1943





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