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By the Authority of the Hon. James A. MacKinnon, M.P.,
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DOMINION BUREAU OF STATISTICS - CANADA
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FIRST ESTIMATE OF CANADA'S 1945 GRAIN CROPS

Ottawa, September 12, 1945. (3 p.m.) - The wheat crop for all Canada in 1945 is placed at 321,409,000 bushels in the first estimate of grain production issued today by the Dominion Bureau of Statistics. This crop is 114,000,000 bushels less than that of 1944, and the average yield of 13.7 bushels per seeded acre is the lowest since 1937. Although production this year falls far short of three of the large wartime crops, it nevertheless exceeds the 284,000,000 bushels produced in 1943 owing to the small acreage of that year. The 23.4 million acres seeded to wheat in 1945 represents only a small increase over the area seeded in 1944.

The output of wheat in the Prairie Provinces this year is estimated at 297,000,000 bushels as compared with 410,600,000 bushels in 1944. This year's crop includes 5,900,000 bushels of Durum wheat, of which 2,400,000 bushels were produced in the province of Manitoba and 3,500,000 bushels in Saskatchewan. These two provinces produced about 11,000,000 bushels of Durum in 1944. The average yield of all wheat in the Prairie Provinces this year is 13.2 bushels per seeded acre, the lowest for the war period.

Ontario, the only other important wheat growing area in Canada outside of the Prairie Provinces, produced 21,361,000 bushels of wheat in 1945. All but 706,000 bushels of this total was winter wheat. Although some winter wheat is also produced in Alberta, it is included with the spring wheat in this report.

The first estimate of production places the output of the five principal grain crops in each of the Prairie Provinces in 1945 as follows:

	<u>Wheat</u>	<u>Oats</u>	<u>Barley</u>	<u>Rye</u>	<u>Flaxseed</u>
	- thousand bushels -				
Manitoba	45,000	56,000	56,000	448	2,644
Saskatchewan	167,000	143,000	54,000	2,967	3,697
Alberta	85,000	80,000	37,000	1,576	803
T o t a l	297,000	279,000	147,000	4,991	7,144

OATS

The oat crop is estimated at 388,289,000 bushels in 1945 or 111,000,000 bushels less than the crop of 1944. Most of this decrease occurred in the Prairie Provinces and is largely attributable to drought conditions. The production of oats in both Ontario and Quebec was also moderately smaller than a year ago.

BARLEY

The production of barley in 1945 is less than that of a year ago, although the seeded acreage is slightly higher. This decrease in output again occurred in the Prairie Provinces owing to dry weather in an important section of the coarse grain growing area. The barley crop for all of Canada is estimated at 161,135,000 bushels, whereas the 1944 crop was placed at 194,712,000 bushels.

RYE AND FLAXSEED

The combined output of fall and spring rye is estimated at 6,452,000 bushels as compared with 8,526,000 bushels in 1944. This decrease is entirely attributable to a smaller acreage as the average yield is the same as that of a year ago. The flaxseed crop is placed at 7,397,000 bushels, which is substantially less than the 9,668,000 bushels which were harvested in 1944. Although the average yield for this oil seed crop was slightly lower this year, a decrease in acreage is largely responsible for the smaller crop.

Progress of the 1945 Harvest

The hot weather which prevailed during the latter part of August over a large section of the grain-producing area of western Canada brought crops along to maturity rapidly. The best stands of grain this year were in Manitoba, and in eastern and northern Saskatchewan. Owing to the late, cold spring, crops in these sections were very backward and one of the greatest hazards was that of an early frost. No substantial damage has, as yet, been sustained however, and cutting is well advanced through most of Manitoba and the southern part of Saskatchewan. Since only some 30 per cent of the wheat and 45 per cent of the coarse grains have been cut in north-eastern Saskatchewan, there is still danger from frost.

A considerable proportion of the grains in the southern sections of the three provinces has already been threshed. Grades are tending to be lower than usual as many kernels are shrunken. Threshing is well under way in the Peace River area of Alberta, and the sample in this section is of above-average quality. South-western Alberta is harvesting an above-average crop despite a dry period in mid-summer. Owing to the widespread drought in southern and western Saskatchewan and eastern Alberta, an acute shortage of feed grains and fodder has developed in these areas. Late rains in central Alberta have provided adequate supplies of fodder, although coarse grains are scarce at many points.

FIRST ESTIMATE OF THE PRODUCTION OF GRAIN CROPS

The total production of the principal grain crops in Canada in 1945 is now estimated, in bushels, as follows, with the 1944 figures within brackets: Fall wheat 20,655,000 (20,908,000); spring wheat 300,754,000 (414,627,000); all wheat 321,409,000 (435,535,000); oats 388,289,000 (499,643,000); barley 161,135,000 (194,712,000); fall rye 4,400,000 (5,628,000); spring rye 2,052,000 (2,898,000); all rye 6,452,000 (8,526,000); flaxseed 7,397,000 (9,668,000). The average yields per acre, in bushels, are estimated as follows, with the 1944 averages within brackets: Fall wheat 30.6 (31.3); spring wheat 13.2 (18.3); all wheat 13.7 (18.7); oats 27.0 (34.9); barley 21.9 (26.7); fall rye 13.9 (13.5); spring rye 12.1 (12.6); all rye 13.2 (13.2); flaxseed 7.0 (7.3).

PRODUCTION OF GRAIN CROPS IN THE PRAIRIE PROVINCES

For the Prairie Provinces the first estimate of the production of grain crops in 1945, in bushels, is as follows, with the 1944 figures within brackets: Three Provinces - Wheat 297,000,000 (410,600,000); oats 279,000,000 (370,800,000); barley 147,000,000 (178,400,000); rye 4,991,000 (7,109,000); flaxseed 7,144,000 (9,405,000). Manitoba - Wheat 45,000,000 (54,900,000); oats 56,000,000 (61,000,000); barley 56,000,000 (54,700,000); rye 448,000 (612,000); flaxseed 2,644,000 (1,762,000). Saskatchewan - Wheat 167,000,000 (250,000,000); oats 143,000,000 (198,000,000); barley 54,000,000 (72,000,000); rye 2,967,000 (4,800,000); flaxseed 3,697,000 (6,400,000). Alberta - Wheat 85,000,000 (105,700,000); oats 80,000,000 (111,800,000); barley 37,000,000 (51,700,000); rye 1,576,000 (1,697,000); flaxseed 803,000 (1,243,000).

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 17,637,000 (15,102,000); Prince Edward Island 349,000 (412,000); Nova Scotia 876,000 (644,000); New Brunswick 1,082,000 (916,000); Quebec 7,152,000 (5,701,000); Ontario 5,528,000 (4,680,000); Manitoba 796,000 (776,000); Saskatchewan 469,000 (565,000); Alberta 900,000 (984,000); British Columbia 485,000 (424,000).

CONDITION OF LATE-SOWN CROPS

At August 31, 1945, 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, 1945, and August 31, 1944, within brackets: Peas 80 (80, 95); beans 80 (83, 92); buckwheat 89 (91, 85); mixed grains 83 (85, 91); shelled corn 75 (77, 88); potatoes 76 (88, 91); turnips, etc. 84 (89, 86); alfalfa 93 (- 90); fodder corn 79 (84, 89); sugar beets 97 (93, 88); pasture 92 (99, 81).

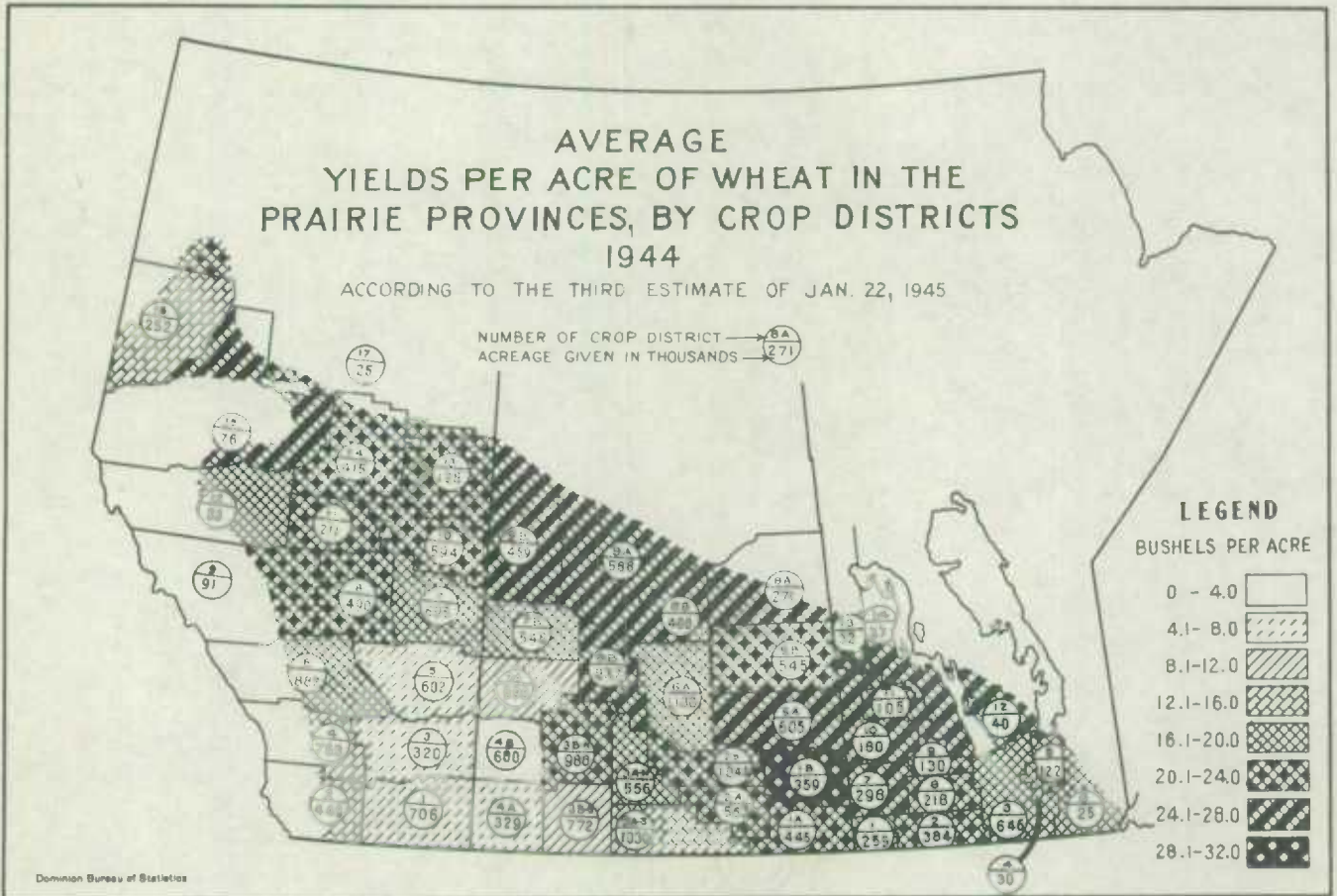
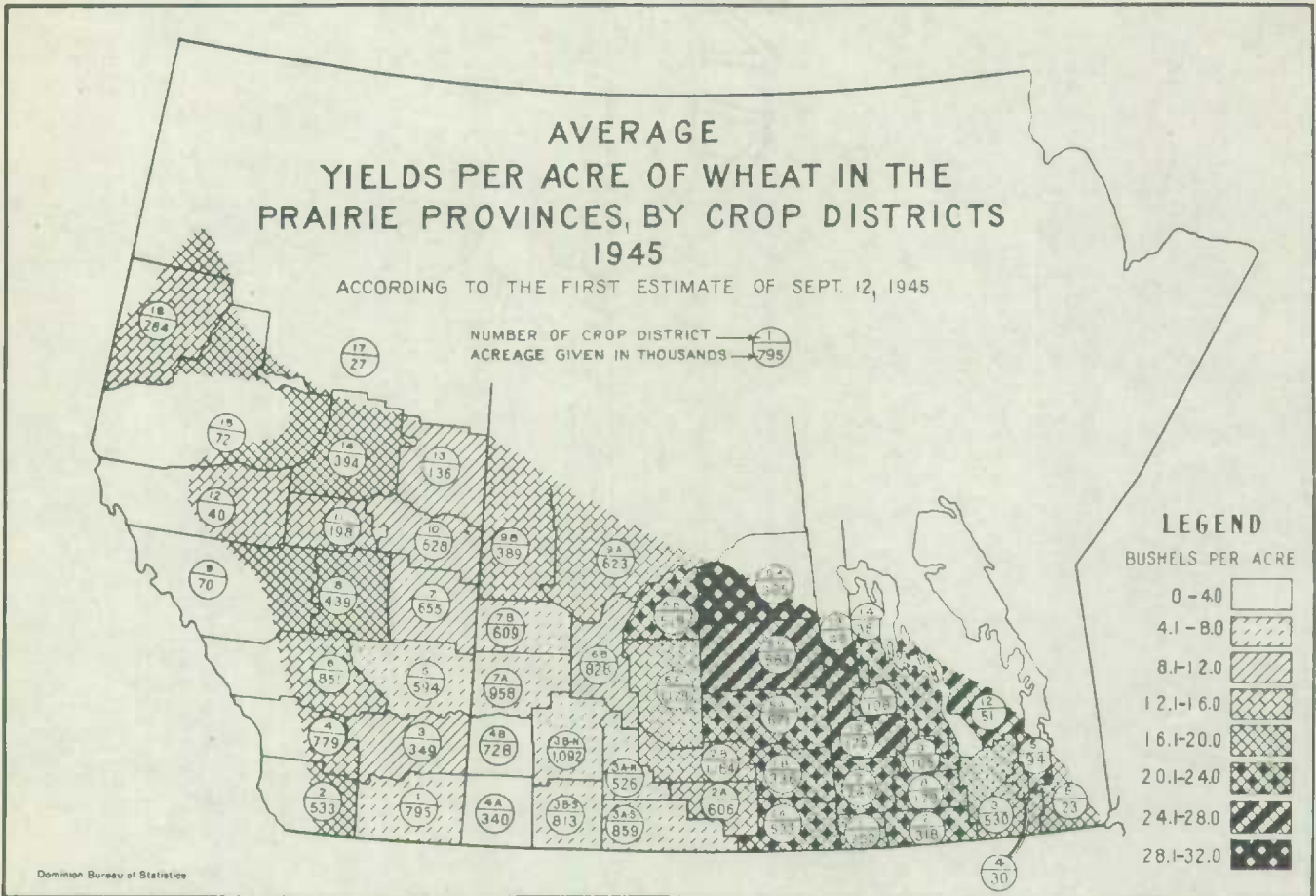
1. First Estimate of the Production of Wheat, Oats, Barley, Rye, Flaxseed and Hay and Clover in Canada, 1945 as compared with 1944

	Area		Yield Per Acre		Production	
	1944	1945	1944	1945	1944	1945
	acres	acres	bu.	bu.	bu.	bu.
<u>CANADA</u>						
Fall wheat	668,000	675,000	31.3	30.6	20,908,000	20,655,000
Spring wheat	22,616,200	22,739,100	18.3	13.2	414,627,000	300,754,000
All wheat	23,284,200	23,414,100	18.7	13.7	435,535,000	321,409,000
Oats	14,315,000	14,393,200	34.9	27.0	499,643,000	388,289,000
Barley	7,290,700	7,350,500	26.7	21.9	194,712,000	161,135,000
Fall rye	417,850	317,500	13.5	13.9	5,628,000	4,400,000
Spring rye	230,100	169,600	12.6	12.1	2,898,000	2,052,000
All rye	647,950	487,100	13.2	13.2	8,526,000	6,452,000
Flaxseed	1,323,100	1,059,200	7.3	7.0	9,668,000	7,397,000
			tons	tons	tons	tons
Hay and clover	10,119,700	9,975,000	1.49	1.77	15,102,000	17,637,000
<u>PRINCE EDWARD ISLAND</u>						
			bu.	bu.	bu.	bu.
Spring wheat	5,800	4,000	22.0	19.0	128,000	76,000
Oats	120,500	119,000	38.0	34.0	4,579,000	4,046,000
Barley	14,200	13,700	30.0	27.0	426,000	370,000
			tons	tons	tons	tons
Hay and clover	216,800	218,000	1.90	1.60	412,000	349,000
<u>NOVA SCOTIA</u>						
			bu.	bu.	bu.	bu.
Spring wheat	1,600	1,300	20.0	17.0	32,000	22,000
Oats	67,800	68,200	39.0	29.0	2,644,000	1,978,000
Barley	10,100	10,000	29.0	23.0	293,000	230,000
			tons	tons	tons	tons
Hay and clover	429,000	438,000	1.50	2.00	644,000	876,000
<u>NEW BRUNSWICK</u>						
			bu.	bu.	bu.	bu.
Spring wheat	3,000	2,400	20.0	19.0	60,000	46,000
Oats	202,500	202,000	33.0	32.0	6,683,000	6,464,000
Barley	16,100	13,300	31.0	28.0	499,000	372,000
			tons	tons	tons	tons
Hay and clover	654,100	656,000	1.40	1.65	916,000	1,082,000
<u>QUEBEC</u>						
			bu.	bu.	bu.	bu.
Spring wheat	26,900	23,400	18.8	19.0	506,000	445,000
Oats	1,685,000	1,654,000	26.4	24.0	44,484,000	39,696,000
Barley	136,000	133,000	23.7	22.0	3,223,000	2,926,000
Spring rye	9,300	8,400	16.2	16.0	151,000	134,000
			tons	tons	tons	tons
Hay and clover	4,192,000	4,207,000	1.36	1.70	5,701,000	7,152,000
<u>ONTARIO</u>						
			bu.	bu.	bu.	bu.
Fall wheat	668,000	675,000	31.3	30.6	20,908,000	20,655,000
Spring wheat	37,800	36,000	20.4	19.6	771,000	706,000
All wheat	705,800	711,000	30.7	30.0	21,679,000	21,361,000
Oats	1,716,000	1,522,000	38.9	35.2	66,752,000	53,574,000
Barley	331,000	305,000	33.8	31.9	11,188,000	9,730,000
Fall rye	65,000	67,500	19.1	19.3	1,242,000	1,303,000
Flaxseed	23,600	23,200	10.1	10.0	238,000	232,000
			tons	tons	tons	tons
Hay and clover	2,924,700	2,764,000	1.60	2.00	4,680,000	5,528,000
<u>MANITOBA</u>						
			bu.	bu.	bu.	bu.
Spring wheat	2,505,800	2,132,000	21.9	21.1	54,900,000	45,000,000
Oats	1,615,000	1,697,000	37.8	33.0	61,000,000	56,000,000
Barley	2,123,000	2,139,000	25.8	26.2	54,700,000	56,000,000
Fall rye	34,000	19,000	13.3	18.0	453,000	342,000
Spring rye	10,500	7,000	15.1	15.1	159,000	106,000
All rye	44,500	26,000	13.8	17.2	612,000	448,000
Flaxseed	167,000	260,000	10.6	10.2	1,762,000	2,644,000
			tons	tons	tons	tons
Hay and clover	431,000	419,000	1.80	1.90	776,000	796,000

	Area		Yield Per Acre		Production	
	1944	1945	1944	1945	1944	1945
	acres	acres	bu.	bu.	bu.	bu.
<u>SASKATCHEWAN</u>						
Spring wheat	13,200,000	13,610,000	18.9	12.3	250,000,000	167,000,000
Oats	5,640,300	5,717,000	35.1	25.0	198,000,000	143,000,000
Barley	2,698,500	2,672,000	26.7	20.2	72,000,000	54,000,000
Fall rye	236,700	148,000	11.4	10.2	2,700,000	1,510,000
Spring rye	160,700	111,000	13.1	13.1	2,100,000	1,457,000
All rye	397,400	259,000	12.1	11.5	4,800,000	2,967,000
Flaxseed	939,000	655,000	6.8	5.6	6,400,000	3,697,000
			tons	tons	tons	tons
Hay and clover	346,400	350,000	1.63	1.34	565,000	469,000
			bu.	bu.	bu.	bu.
<u>ALBERTA</u>						
Spring wheat	6,738,000	6,824,000	15.7	12.5	105,700,000	85,000,000
Oats	3,191,600	3,335,000	35.0	24.0	111,800,000	80,000,000
Barley	1,941,900	2,048,000	26.6	18.1	51,700,000	37,000,000
Fall rye	82,150	83,000	15.0	15.0	1,233,000	1,245,000
Spring rye	48,500	42,000	9.6	7.9	464,000	331,000
All rye	130,650	125,000	13.0	12.6	1,697,000	1,576,000
Flaxseed	191,500	119,000	6.5	6.7	1,243,000	803,000
			tons	tons	tons	tons
Hay and clover	702,700	692,000	1.40	1.30	984,000	900,000
			bu.	bu.	bu.	bu.
<u>BRITISH COLUMBIA</u>						
Spring wheat	97,300	106,000	26.0	23.2	2,530,000	2,459,000
Oats	76,300	79,000	48.5	44.7	3,701,000	3,531,000
Barley	19,900	16,500	34.3	30.7	683,000	507,000
Spring rye	1,100	1,200	21.5	20.3	24,000	24,000
Flaxseed	2,000	2,000	12.5	10.3	25,000	21,000
			tons	tons	tons	tons
Hay and clover	223,000	231,000	1.90	2.10	424,000	485,000

2. Area and First Estimate of the Production of Wheat, Oats, Barley, Rye and Flaxseed
in the Prairie Provinces 1945, as compared with 1944

	Area		Yield Per Acre		Production	
	1944	1945	1944	1945	1944	1945
	acres	acres	bu.	bu.	bu.	bu.
Wheat	22,443,800	22,566,000	18.3	13.2	410,600,000	297,000,000
Oats	10,446,900	10,749,000	35.5	26.0	370,800,000	279,000,000
Barley	6,763,400	6,859,000	26.4	21.4	178,400,000	147,000,000
Rye	572,550	410,000	12.4	12.2	7,109,000	4,991,000
Flaxseed	1,297,500	1,034,000	7.2	6.9	9,405,000	7,144,000





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