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Second Estimate of Production of Principal Field Crops and First Estimate
of Production of Late-Sown Crops and Roots and Potatoes

Ottawa, September 12, 1947 (3 p.m.) - The Dominion Bureau of Statistics issues today its second estimate of production of principal field crops together with a first estimate of production of late-sown crops and roots and potatoes. Due to the lateness of the season in many areas of Canada, a good deal of harvesting still remains to be done. In such areas, particularly for example in large sections of Alberta and Quebec, the estimates presented herewith should be considered in the nature of forecasts and may be subject to significant revisions in later estimates.

Canada's 1947 wheat crop is now placed at 352.2 million bushels. This production is being obtained from an estimated seeded acreage of 23.9 million acres yielding an estimated 14.7 bushels per acre. The long-time average yield is 16.0 bushels per acre while a revised estimate places last year's wheat yield at 17.5 bushels per acre. Oat production for this year is estimated at 288.2 million, barley at 151.2 million, rye at 14.2 million and flaxseed at 11.8 million bushels. The outturn of hay and clover is now placed at 16.3 million tons, with alfalfa at 2.4 million tons. The production estimates presented in this report are based on yield data supplied by crop correspondents in late August and early September, together with the acreages compiled from the June survey.

The second estimates of production of grain crops are, in general, slightly lower than the first estimates released on August 13, although greater outturns are now indicated for flaxseed, hay and clover. The wheat estimate has declined approximately 6.6 million bushels, due chiefly to the disappointing threshing returns in Manitoba where the effects of hail, flooding and unfavourable weather have apparently been underestimated in earlier reports. Late rains are largely responsible for the improvement in the flaxseed estimate.

For the Prairie Provinces the wheat crop is now expected to yield 329.4 million bushels as compared with 400 million bushels in 1946. The anticipated average yield of wheat in the Prairie Provinces this year is 14.3 bushels per seeded acre, with Manitoba averaging 17.6, Saskatchewan 12.8 and Alberta 16.4 bushels per acre. The wheat crop in the Prairie Provinces contains a small proportion of fall wheat, grown chiefly in Alberta. For the purposes of this estimate fall wheat grown on the Prairies has been included under spring wheat. The estimated production of wheat in the remaining provinces of Canada is 22.8 million bushels, of which Ontario's output at 18.8 million bushels represents the principal part. All but 585,000 bushels of the production in Ontario is fall wheat.

Oats - The production of oats in 1947 is estimated at 288.2 million bushels as compared with the 1946 crop of 400.1 million bushels. The reduction in output of 111.9 million bushels may be attributed to reduced acreages and substantial declines in yields per acre in Ontario and the Prairie Provinces.

Barley - Barley production at 151.2 million bushels in 1947 is approximately 8.7 million bushels below that of a year ago. Marked reductions in outturns in Ontario and Manitoba are partially offset by increased production in Saskatchewan and Alberta. The production increases in the latter two provinces are accounted for by the increased acreages sown in 1947.

Rye - The combined output of fall and spring rye is currently estimated at 14.2 million bushels as compared with 7.4 million bushels in 1946. Increased acreages of both the fall and spring varieties, together with significant increases in yields per acre in Saskatchewan and Alberta are the principal factors in the over-all gain in production.

Flaxseed - Flaxseed production in 1947 is expected to approximate 11.8 million bushels as compared with 6.4 million bushels in 1946. Appreciable increases in flaxseed acreages in the three Prairie Provinces more than offset anticipated reductions in yields per acre in Manitoba and Alberta.

Dry Peas and Beans - Despite a slight increase in acreage over last year, production of dried peas is expected to reach only 1.8 million bushels as compared with 2.3 million bushels in 1946. Yields per acre will be lower in all provinces. With yields per acre down only fractionally from last year, the 1947 Canadian dry bean crop at 1,645,000 bushels should exceed the 1946 crop by some 72,000 bushels—the increase being due chiefly to higher seeded acreages in Ontario.

Corn - The estimated 1947 outturn of shelled corn at 6.3 million bushels will be down sharply from last year's crop of 10.6 million bushels, the decline being largely due to reduced acreages and yields in Ontario. The decline in fodder corn is less marked, with the 1947 production estimated at 3.6 million tons as against 4 million tons last year.

Potatoes - With both acreage and yields down in nearly all provinces, Canada's 1947 potato production is estimated at 41.3 million hundredweight as compared with 47.5 million hundredweight in 1946.

Sugar Beets - Sugar beet production for 1947 is currently placed at 616,500 tons as against 733,500 tons last year. Acreages are down somewhat in all four producing provinces and reduced yields per acre are forecast for all producing provinces except Manitoba.

Other Crops - The acreage seeded to buckwheat was increased considerably this year, particularly in Ontario and Quebec. This was due largely to unfavourable seeding conditions for the earlier spring grains. Production of buckwheat in 1947 is placed at 6.0 million bushels as compared with 4.9 million bushels in 1946. Due to reduced acreages and yields the anticipated outturn of mixed grains is estimated at only 35.9 million bushels. A crop of 53.0 million bushels was harvested in 1946. The 1947 production of turnips and mangolds for live-stock feed, excluding the Prairie Provinces for which data are not currently available, is placed at 19.7 million hundredweight as compared with 27 million hundredweight last year.

Summary Comparisons of Production 1947 and 1946

All Canada - The total production of the principal grain crops in Canada for 1947 is now estimated, in bushels, as follows with the 1946 figures within brackets: Wheat 352,214,000 (420,725,000); oats 288,249,000 (400,069,000); barley 151,225,000 (159,887,000); rye 14,163,000 (7,448,000); peas 1,834,000 (2,273,000); beans 1,645,000 (1,573,000); buckwheat 6,020,000 (4,881,000); mixed grains 35,929,000 (53,031,000); flaxseed 11,750,000 (6,402,700); shelled corn 6,303,000 (10,661,000). The average yields per acre, in bushels, are estimated as follows, with the 1946 figures within brackets: Wheat 14.7 (17.5); oats 26.1 (33.1); barley 20.3 (25.5); rye 12.2 (10.4); peas 14.7 (18.5); beans 17.0 (17.1); buckwheat 20.7 (22.4); mixed grains 31.2 (40.2); flaxseed 8.0 (7.6); shelled corn 35.8 (42.4).

The production of root and fodder crops in 1947 is now estimated as follows, with the 1946 figures within brackets: Potatoes 41,261,000 cwt. (47,483,000 cwt.); turnips, etc. 19,691,000 cwt. (26,997,000 cwt.); hay and clover 16,272,000 tons (14,372,800 tons); alfalfa 2,449,000 tons (2,732,000 tons); fodder corn 3,642,000 tons (3,970,000 tons); sugar beets 616,500 tons (733,500 tons).

The average yields per acre are as follows, with last year's figures within brackets: Potatoes 85.0 cwt. (93.0 cwt.); turnips, etc. 173.0 cwt. (219.0 cwt.); hay and clover 1.59 tons (1.45 tons); alfalfa 2.16 tons (2.16 tons); fodder corn 7.67 tons (8.62 tons); sugar beets 10.50 tons (10.98 tons).

Prairie Provinces - According to the second estimate, the production of the five principal grain crops in the Prairie Provinces is, in bushels, as follows, with the 1946 figures within brackets: Three Provinces - Wheat 329,400,000 (400,000,000); oats 202,263,000 (276,000,000); barley 140,900,000 (145,000,000); rye 12,497,000 (5,915,000); flaxseed 11,053,000 (6,208,000). Manitoba - Wheat 44,000,000 (61,000,000); oats 40,463,000 (55,000,000); barley 39,000,000 (48,000,000); rye 607,000 (415,000); flaxseed 5,393,000 (2,979,000). Saskatchewan - Wheat 180,300,000 (208,000,000); oats 84,000,000 (117,000,000); barley 47,800,000 (46,000,000); rye 7,350,000 (3,400,000); flaxseed 3,600,000 (2,594,000). Alberta - Wheat 105,100,000 (131,000,000); oats 77,800,000 (104,000,000); barley 54,100,000 (51,000,000); rye 4,540,000 (2,100,000); flaxseed 2,060,000 (635,000).

1. SECOND ESTIMATE OF PRODUCTION OF PRINCIPAL FIELD CROPS, INCLUDING FIRST
ESTIMATE OF PRODUCTION OF LATE-SOWN CROPS AND ROOTS AND POTATOES
1947 AS COMPARED WITH 1946

CROPS	AREA		YIELD PER ACRE		PRODUCTION	
	1946	1947	1946	1947	1946	1947
	ac.	ac.	bu.	bu.	bu.	bu.
<u>CANADA</u>						
Fall wheat	546,100	712,300	29.8	25.6	16,274,000	18,235,000
Spring wheat	23,530,000	23,183,100	17.2	14.4	404,451,000	333,979,000
All wheat	24,076,100	23,895,400	17.5	14.7	420,725,000	352,214,000
Oats	12,074,700	11,048,500	33.1	26.1	400,069,000	288,249,000
Barley	6,258,500	7,465,000	25.5	20.3	159,887,000	151,225,000
Fall rye	486,000	840,800	10.8	12.9	5,253,000	10,818,000
Spring rye	229,000	315,600	9.6	10.6	2,195,000	3,345,000
All rye	715,000	1,156,400	10.4	12.2	7,448,000	14,163,000
Peas, dry	123,000	124,800	18.5	14.7	2,273,000	1,834,000
Beans, dry	91,900	96,700	17.1	17.0	1,573,000	1,645,000
Buckwheat	217,500	290,400	22.4	20.7	4,881,000	6,020,000
Mixed grains	1,317,900	1,150,400	40.2	31.2	53,031,000	35,929,000
Flaxseed	840,900	1,472,300	7.6	8.0	6,402,700	11,750,000
Corn, shelled	251,700	176,200	42.4	35.8	10,661,000	6,303,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	510,500	487,300	93.0	85.0	47,483,000	41,261,000
Turnips, etc. 2/	123,000	113,700	219.0	173.0	26,997,000	19,691,000
			tons	tons	tons	tons
Hay and clover	9,882,500	10,202,700	1.45	1.59	14,372,800	16,272,000
Alfalfa	1,263,300	1,135,100	2.16	2.16	2,732,000	2,449,000
Fodder corn	460,800	475,100	8.62	7.67	3,970,000	3,642,000
Sugar beets	66,800	58,700	10.98	10.50	733,500	616,500
			bu.	bu.	bu.	bu.
<u>PRINCE EDWARD ISLAND</u>						
Spring wheat	3,900	4,400	20.0	20.0	78,000	88,000
Oats	117,000	122,000	36.0	32.0	4,212,000	3,904,000
Barley	9,700	10,700	28.0	27.0	272,000	289,000
Buckwheat	1,200	1,200	20.0	21.0	24,000	25,000
Mixed grains	51,400	64,700	37.0	35.0	1,902,000	2,265,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	48,500	43,500	118.0	105.0	5,723,000	4,568,000
Turnips, etc.	11,700	12,000	315.0	201.0	3,686,000	2,412,000
			tons	tons	tons	tons
Hay and clover	232,000	226,000	0.80	0.75	186,000	170,000
Fodder corn	800	900	11.00	12.0	9,000	11,000
			bu.	bu.	bu.	bu.
<u>NOVA SCOTIA</u>						
Spring wheat	1,400	1,400	18.0	19.0	25,000	27,000
Oats	67,200	70,300	38.0	31.0	2,554,000	2,179,000
Barley	8,500	7,600	29.0	26.0	247,000	198,000
Buckwheat	1,800	1,600	24.0	21.0	43,000	34,000
Mixed grains	4,100	4,900	35.0	31.0	144,000	152,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	24,000	21,500	118.0	98.0	2,832,000	2,107,000
Turnips	11,100	10,000	294.0	198.0	3,263,000	1,980,000
			tons	tons	tons	tons
Hay and clover	428,000	426,000	1.40	1.80	599,000	767,000
Fodder corn	900	900	10.00	9.80	9,000	9,000
			bu.	bu.	bu.	bu.
<u>NEW BRUNSWICK</u>						
Spring wheat	1,800	2,300	19.0	17.0	34,000	39,000
Oats	136,000	190,800	34.0	30.0	6,324,000	5,724,000
Barley	11,200	12,000	29.0	23.0	325,000	276,000
Beans, dry	1,400	900	14.0	17.0	20,000	15,000
Buckwheat	14,700	15,400	28.0	26.0	412,000	400,000
Mixed grains	9,900	9,500	36.0	34.0	356,000	323,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	68,700	66,600	140.0	132.0	9,618,000	8,791,000
Turnips, etc.	12,700	11,400	231.0	212.0	2,934,000	2,417,000
			tons	tons	tons	tons
Hay and clover	646,000	637,700	1.10	1.30	711,000	829,000
Fodder corn	2,200	1,800	12.00	9.40	26,000	17,000

Crops	Area		Yield Per Acre		Production	
	1946 ^{1/}	1947	1946	1947	1946	1947
	ac.	ac.	bu.	bu.	bu.	bu.
<u>QUEBEC</u>						
Spring wheat	22,500	21,800	17.3	15.0	389,000	327,000
Oats	1,466,500	1,394,700	23.7	20.0	34,756,000	27,894,000
Barley	124,900	156,800	22.0	19.0	2,748,000	2,979,000
Spring rye	7,700	8,600	16.4	15.0	126,000	129,000
Peas, dry	22,800	17,600	13.3	8.0	303,000	141,000
Beans, dry	12,400	10,900	16.0	13.0	198,000	142,000
Buckwheat	78,200	96,400	20.8	18.0	1,627,000	1,735,000
Mixed grains	251,400	275,600	26.6	22.0	6,687,000	6,063,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	152,000	148,700	75.0	64.0	11,400,000	9,517,000
Turnips, etc.	24,100	25,000	173.0	139.0	4,169,000	3,475,000
			tons	tons	tons	tons
Hay and clover	4,182,000	4,066,000	1.30	1.50	5,437,000	6,099,000
Alfalfa	68,900	71,900	2.10	2.60	145,000	187,000
Fodder corn	89,700	95,500	8.59	6.30	771,000	602,000
Sugar beets	2,100	2,000	8.67	8.25	18,200	16,500
<u>ONTARIO</u>						
			bu.	bu.	bu.	bu.
Fall wheat	546,100	712,300	29.8	25.6	16,274,000	18,235,000
Spring wheat	38,000	31,100	22.0	18.8	836,000	585,000
All wheat	584,100	743,400	29.3	25.3	17,110,000	18,820,000
Oats	1,635,000	1,288,500	43.9	32.7	71,776,000	42,134,000
Barley	293,000	228,000	36.7	26.7	10,753,000	6,088,000
Fall rye	65,000	74,800	21.2	20.3	1,378,000	1,518,000
Peas, dry	34,300	43,500	21.0	14.7	720,000	639,000
Beans, dry	76,800	84,100	17.3	17.5	1,328,000	1,472,000
Buckwheat	116,000	173,500	23.2	21.9	2,691,000	3,800,000
Mixed grains	946,000	751,100	44.7	34.5	42,286,000	25,913,000
Flaxseed	18,000	56,200	9.4	12.1	169,000	680,000
Corn, shelled	240,000	165,700	43.3	36.9	10,392,000	6,114,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	120,000	113,700	90.0	80.0	10,800,000	9,096,000
Turnips, etc.	61,500	53,400	204.0	169.0	12,546,000	9,025,000
			tons	tons	tons	tons
Hay and clover	2,952,000	3,362,800	1.76	1.80	5,196,800	6,053,000
Alfalfa	707,500	547,400	2.26	2.30	1,599,000	1,259,000
Fodder corn	340,000	348,100	8.97	8.20	3,050,000	2,854,000
Sugar beets	23,300	18,000	9.97	8.06	232,400	145,000
<u>MANITOBA</u>						
			bu.	bu.	bu.	bu.
Spring wheat	2,522,000	2,497,000	24.2	17.6	61,000,000	44,000,000
Oats	1,439,000	1,381,000	38.2	29.3	55,000,000	40,463,000
Barley	1,697,000	1,901,000	28.3	20.5	48,000,000	39,000,000
Fall rye	15,000	32,000	18.3	15.3	275,000	490,000
Spring rye	6,000	8,000	23.3	14.6	140,000	117,000
All rye	21,000	40,000	19.8	15.2	415,000	607,000
Peas, dry	30,600	31,200	20.0	17.5	612,000	546,000
Buckwheat	5,600	2,300	15.0	11.3	84,000	26,000
Mixed grains	14,000	13,400	30.0	25.5	420,000	342,000
Flaxseed	304,000	556,000	9.8	9.7	2,979,000	5,393,000
Corn, shelled	11,700	10,500	23.0	18.0	269,000	189,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	25,000	24,500	54.0	74.0	1,350,000	1,813,000
			tons	tons	tons	tons
Hay and clover	242,900	244,600	1.00	1.80	243,000	440,000
Alfalfa	63,300	79,000	1.60	2.35	101,000	186,000
Fodder corn	16,600	17,400	2.50	5.30	42,000	92,000
Sugar beets	11,600	9,500	8.44	9.47	97,900	90,000

CROP	1946 ^{1/}	1947	1946	1947	1946	1947
	ac.	ac.	bu.	bu.	bu.	bu.
<u>SASKATCHEWAN</u>						
Spring wheat	14,085,000	14,085,000	14.8	12.8	208,000,000	180,300,000
Oats	4,329,000	3,983,000	27.0	21.1	117,000,000	84,000,000
Barley	2,317,000	2,780,000	19.9	17.2	46,000,000	47,800,000
Fall rye	251,000	537,000	8.0	10.8	2,000,000	5,800,000
Spring rye	155,000	167,000	9.0	9.3	1,400,000	1,550,000
All rye	406,000	704,000	8.4	10.4	3,400,000	7,350,000
Peas, dry	11,700	9,400	15.0	10.0	176,000	94,000
Mixed grains	8,100	6,200	19.7	15.6	160,000	97,000
Flaxseed	455,000	601,000	5.7	6.0	2,594,000	3,600,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	27,000	27,200	48.0	56.0	1,296,000	1,523,000
			tons	tons	tons	tons
Hay and clover	334,800	314,100	1.40	1.20	469,000	377,000
Alfalfa	124,800	125,500	1.55	1.20	193,000	151,000
Fodder corn	5,500	6,000	2.70	2.70	15,000	16,000
<u>ALBERTA</u>						
			bu.	bu.	bu.	bu.
Spring wheat	6,747,000	6,410,000	19.4	16.4	131,000,000	105,100,000
Oats	2,754,000	2,534,000	37.8	30.7	104,000,000	77,800,000
Barley	1,783,000	2,354,000	28.6	23.0	51,000,000	54,100,000
Fall rye	155,000	197,000	10.3	15.3	1,600,000	3,010,000
Spring rye	59,000	131,000	8.5	11.7	500,000	1,530,000
All rye	214,000	328,000	9.8	13.8	2,100,000	4,540,000
Peas, dry	15,400	15,400	16.5	15.3	254,000	236,000
Beans, dry	400	100	15.0	13.3	6,000	1,000
Mixed grains	25,100	16,300	29.0	25.0	728,000	408,000
Flaxseed	62,000	257,000	10.2	8.0	635,000	2,060,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	26,300	24,500	78.0	69.0	2,051,000	1,691,000
			tons	tons	tons	tons
Hay and clover	637,800	696,500	1.60	1.50	1,020,000	1,045,000
Alfalfa	219,700	223,500	2.10	1.90	461,000	425,000
Fodder corn	700	900	4.00	3.60	3,000	3,000
Sugar beets	29,800	29,200	12.92	12.50	385,000	365,000
<u>BRITISH COLUMBIA</u>						
			bu.	bu.	bu.	bu.
Spring wheat	108,400	130,100	28.5	27.0	3,089,000	3,513,000
Oats	81,000	84,200	54.9	49.3	4,447,000	4,151,000
Barley	14,200	14,900	38.2	33.2	542,000	495,000
Spring rye	1,300	1,000	22.1	18.8	29,000	19,000
Peas, dry	8,200	7,700	25.4	23.1	208,000	178,000
Beans, dry	900	700	23.3	22.0	21,000	15,000
Mixed grains	7,900	8,700	44.1	42.1	348,000	366,000
Flaxseed	1,900 ^{3/}	2,100	13.5	8.1	25,700	17,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	19,000	17,100	127.0	126.0	2,413,000	2,155,000
Turnips, etc.	1,900	1,900	210.0	201.0	399,000	382,000
			tons	tons	tons	tons
Hay and clover	227,000	229,000	2.25	2.15	511,000	492,000
Alfalfa	79,100	87,800	2.95	2.75	233,000	241,000
Fodder corn	4,400	3,600	10.15	10.60	45,000	38,000

^{1/} Areas 1946: Prairie Provinces Preliminary Census figures.

^{2/} Excluding the Prairie Provinces.

^{3/} Revised Estimate.

2. SECOND ESTIMATE OF THE PRODUCTION OF WHEAT, OATS, BARLEY, RYE AND FLAXSEED IN THE PRAIRIE PROVINCES, 1947 AS COMPARED WITH 1946

	AREA		YIELD PER ACRE		PRODUCTION	
	1946 ^{1/}	1947	1946	1947	1946	1947
	ac.	ac.	bu.	bu.	bu.	bu.
Wheat	23,354,000	22,992,000	17.1	14.3	400,000,000	329,400,000
Oats	8,522,000	7,898,000	32.4	25.6	276,000,000	202,263,000
Barley	5,797,000	7,035,000	25.0	20.0	145,000,000	140,900,000
Rye	641,000	1,072,000	9.2	11.7	5,915,000	12,497,000
Flaxseed	821,000	1,414,000	7.6	7.8	6,208,000	11,053,000

^{1/} Preliminary census figures.



1010519826

CROP

BARLEY

Barley, 2-row
Barley, 6-row
Barley, 4-row
Barley, 3-row
Barley, 2-row
Barley, 1-row
Barley, 0-row

POPPLES

Popple, 1-row
Popple, 2-row
Popple, 3-row
Popple, 4-row
Popple, 5-row
Popple, 6-row
Popple, 7-row
Popple, 8-row
Popple, 9-row
Popple, 10-row

ALFALFA

Alfalfa, 1-row
Alfalfa, 2-row
Alfalfa, 3-row
Alfalfa, 4-row
Alfalfa, 5-row
Alfalfa, 6-row
Alfalfa, 7-row
Alfalfa, 8-row
Alfalfa, 9-row
Alfalfa, 10-row

POPPLES

Popple, 1-row
Popple, 2-row
Popple, 3-row
Popple, 4-row
Popple, 5-row
Popple, 6-row
Popple, 7-row
Popple, 8-row
Popple, 9-row
Popple, 10-row

BARLEY

Barley, 2-row
Barley, 6-row
Barley, 4-row
Barley, 3-row
Barley, 2-row
Barley, 1-row
Barley, 0-row

POPPLES

Popple, 1-row
Popple, 2-row
Popple, 3-row
Popple, 4-row
Popple, 5-row
Popple, 6-row
Popple, 7-row
Popple, 8-row
Popple, 9-row
Popple, 10-row

1. Alfalfa
2. Barley
3. Popple
4. Rye
5. Wheat
6. Oats
7. Clover
8. Hay
9. Corn
10. Soybeans

Wheat
Oats
Barley
Rye
Triticum
V. Prunifera