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## SEPTEMBER ESTIMATE OF PRODUCTION OF PRINCIPAL FIELD CROPS, CANADA, 1952

Based on conditions at August 31, Canadian farmers are expected to harvest all-time record crops of wheat, barley and soybeans, near-record crops of rye, sugar beets and shelled corn, and above-average outturns of most other field crops. In general, the second estimates of production of the major grain crops, hay and potatoes show relatively little change from those based on conditions at July 31. First estimates of production of certain late-seeded grain crops, fodder corn, and field roots are also included in this report.

Estimates of average yield are based on the August 31 reports from the Bureau's crop correspondents and on information supplied by processing companies and officials responsible for agricultural statistics in each of the provinces. The acreages seeded to the various crops, with certain exceptions, are obtained from the Bureau's annual June 1 survey and include all revisions to date. The third estimate of production of Canada's 1952 field crops, based on reports at October 31 when harvesting is normally completed, is scheduled for release on November 14.

While considerably more progress had been made with harvesting in the Prairie Provinces by August 31 this year than at the same time in 1951, wet cool weather during the first two weeks of September has delayed ripening of late-seeded crops and has interfered with harvesting operations. Considerable quantities of grain remain to be harvested, particularly in Saskatchewan and Alberta, and an extended period of favourable weather will be required to ensure realization of current estimates.

Of the 18 crops for which estimates are made in the current report, all but seven exceed last year's outturns. On a regional basis, the greatest increases over last year's production occurred in Western Canada. The only crops in the four western provinces for which decreases from last year are indicated are tame hay and sugar beets in Manitoba, mixed grains and tame hay in Saskatchewan, oats and mixed grains in Alberta, and spring wheat and dry beans in British Columbia. In eastern Canada, on the other hand, unseasonable weather conditions interfered with seeding, plant growth, and harvesting, and outturns of practically all of the principal grain crops in Ontario, Quebec and the Maritime Provinces are below those of last year.

Wheat - Canada's 1952 wheat crop, currently estimated at the unprecedented level of 675 million bushels, exceeds by more than 100 million bushels the previous record of 567 million set in 1928. The increase of 19 million bushels over the first estimate of production is due principally to improved prospects in Saskatchewan where the wheat crop is now placed at 417 million bushels, larger than an average wheat crop for the whole of Canada. A crop of the size indicated would be 92 million bushels greater than this province's previous record wheat crop

Note: Data for Newfoundland not available.

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harvested last year. Prospects also improved in Manitoba where the wheat crop is now estimated at 58 million bushels, an increase of 3 million over the first estimate, and 6 million over the 1951 crop. In Alberta, however, damage from hail, frost and wet weather has contributed to a reduction of 4 million bushels from the first estimate. The current estimate of 176 million, the second largest crop on record, exceeds the 1951 outturn by 24 million bushels. The anticipated average yield per acre of wheat in the Prairie Provinces is placed at a near-record 25.8 bushels, with Manitoba averaging 24.5, Saskatchewan 25.4, and Alberta 27.5 bushels per acre. Relatively small quantities of winter wheat are included in the spring wheat estimates for all three Prairie Provinces.

In the remainder of Canada, wheat production is estimated at 24.1 million bushels, of which Ontario accounts for all but 2.7 million. Some 20.7 million of Ontario's estimated crop of 21.4 million is winter wheat, averaging 31.8 bushels per acre.

Oats - Production of oats in 1952 is now estimated at 474 million bushels, 14 million less than in 1951. The decrease from last year is entirely attributable to smaller seeded acreages since the average yield of 42.9 bushels per acre is somewhat above last year's level of 41.0 bushels. Decreased production is indicated for all provinces except Manitoba, Saskatchewan and British Columbia.

Barley - The 1952 barley crop, currently placed at a record 295 million bushels, is almost 50 million greater than in 1951 and exceeds by 36 million the previous record crop of 259 million harvested in 1942. Anticipated barley production is below last year's levels in all eastern provinces, but sharp increases are indicated in the four western provinces.

Rye - The combined outturn of fall and spring rye is placed at 24.5 million bushels, the fourth highest crop on record. Larger acreages and average yields of both fall and spring rye have contributed to the increase of one-third over last year's production of 17.6 million.

Flaxseed - This year's flaxseed crop, now estimated at 13.1 million bushels, is well above last year's 9.9 million. All but 1 million bushels of this year's crop is being harvested in the Prairie Provinces, with Manitoba's 5.7 million bushels accounting for almost 44 per cent of the all-Canada total.

Mixed Grains - Production of mixed grains, grown principally in Eastern Canada, is estimated at 63.3 million bushels as against 68.5 million in 1951. This year's crop is being harvested from a seeded area of 1.6 million acres averaging 40.3 bushels per acre, compared with 1.5 million acres and 44.9 bushels per acre, respectively, in 1951.

Dry Peas and Beans - The 1952 production of dry peas is placed at 887,000 bushels as against 745,000 last year while the dry bean crop is estimated at 1,076,000 bushels, compared with the 1951 outturns of 1,233,000 bushels. Acreages seeded to both crops were slightly higher this year but, in the case of dry beans, the increase in acreage was more than offset by a drop in average yield from 21.0 to 18.0 bushels per acre.

Shelled Corn - Production of shelled corn in 1952 is estimated at 18.1 million bushels, the largest since 1911 and 2.1 million greater than last year's crop. With the exception of an estimated 552,000 bushels in Manitoba, all of this year's shelled corn crop is being produced in Ontario.

Potatoes - As a result of moderate acreage increases in all provinces except Quebec, Saskatchewan and Alberta and indicated yield increases in all except New Brunswick, this year's potato crop is now placed at 54.8 million bushels, compared with 48.4 million in 1951. The all-Canada average yield is placed at 186 bushels per acre as against 170 bushels last year.



Forage Crops - The all-Canada production of tame hay (including clover and alfalfa) is now estimated at 19.0 million tons as against 19.5 million in 1951. A decrease of 1.3 million tons in Ontario, where almost one-third of this year's crop was grown, together with slight reductions in Manitoba and Saskatchewan, more than offset increases in all other provinces. Production of fodder corn, at 3.6 million tons, is also somewhat below last year's level.

Sugar Beets - Production of sugar beets in the four beet-growing provinces is placed at a near-record one million tons, slightly above last year's total. Increases in both acreage and yield in Alberta, where 46 per cent of this year's crop is being produced, were sufficient to offset an indicated decrease in production in Quebec, Ontario and Manitoba.

Other Crops - Canada's 1952 crop of soybeans is expected to set a new record of 4.5 million bushels, some 600,000 bushels greater than the previous record crop harvested in 1951. Both seeded area, at 172,000 acres, and indicated average yield, at 26.0 bushels per acre, are new records. Production of buckwheat, a relatively minor grain crop, is placed at 2.8 million bushels as against 2.9 million last year. The 1952 crop of field roots (turnips, mangels, etc.) for live-stock feed, excluding the Prairie Provinces for which data are not currently available, is placed at 13.0 million hundredweight as against 13.8 million in 1951.

#### Summary Comparisons of Production, 1952 and 1951

All Canada - The total production of the principal grain crops in Canada for 1952 is now estimated, in bushels, as follows with the 1951 figures within brackets: Wheat 675,148,000 (552,657,000); oats for grain 474,169,000 (488,191,000); barley 294,636,000 (245,218,000); rye 24,502,500 (17,647,000); mixed grains 63,268,000 (68,509,000); corn, shelled 18,124,000 (15,990,000); buckwheat 2,818,000 (2,916,000); peas, dry 886,600 (744,800); beans, dry 1,075,700 (1,233,200); flaxseed 13,097,000 (9,897,000); soybeans 4,472,000 (3,843,000). The average yields per acre, in bushels, are estimated as follows, with the 1951 figures within brackets: Wheat 26.0 (21.9); oats for grain 42.9 (41.0); barley 34.8 (31.3); rye 19.5 (15.7); mixed grains 40.3 (44.9); corn, shelled 53.4 (50.9); buckwheat 22.8 (23.4); peas, dry 21.1 (20.0); beans, dry 18.0 (21.0); flaxseed 10.9 (8.5); soybeans 26.0 (24.8).

The production of root and fodder crops in 1952 is now estimated as follows, with the 1951 figures within brackets: Potatoes 54,769,000 bushels (48,355,000 bushels); field roots 13,038,000 hundredweight (13,807,000 hundredweight); tame hay 18,990,000 tons (19,484,000 tons); fodder corn 3,562,900 tons (3,607,000 tons); sugar beets 1,009,156 tons (965,756 tons).

The average yields per acre are as follows, with last year's figures within brackets: Potatoes 186.2 bushels (169.7 bushels); field roots 289.1 hundredweight (302.1 hundredweight); tame hay 1.78 tons (1.85 tons); fodder corn 9.64 tons (9.31 tons); sugar beets 10.84 tons (10.37 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 1951 figures within brackets: Three Provinces - Wheat 651,000,000 (529,000,000); oats for grain 350,000,000 (340,000,000); barley 284,000,000 (234,000,000); rye 22,940,000 (15,980,000); flaxseed 12,100,000 (8,870,000). Manitoba - Wheat 58,000,000 (52,000,000); oats for grain 65,000,000 (58,000,000); barley 70,000,000 (56,000,000); rye 940,000 (835,000); flaxseed 5,700,000 (5,000,000). Saskatchewan - Wheat 417,000,000 (325,000,000); oats for grain 152,000,000 (148,000,000); barley 90,000,000 (73,000,000); rye 14,000,000 (9,800,000); flaxseed 4,300,000 (2,300,000). Alberta - Wheat 176,000,000 (152,000,000); oats for grain 133,000,000 (134,000,000); barley 124,000,000 (105,000,000); rye 8,000,000 (5,345,000); flaxseed 2,100,000 (1,570,000).

September Estimate of the 1952 Production of Principal Field Crops, Including First Estimate of Production of Late-sown Crops, Fodder Corn, and Roots, Compared with 1951

Crops	Area		Yield Per Acre		Production	
	1951 1/ acres	1952 2/ acres	1951 bu.	1952 bu.	1951 3/ bu.	1952 bu.
<b>CANADA</b>						
Winter wheat	703,000	650,000	28.0	31.8	19,696,000	20,670,000
Spring wheat	24,551,400	25,345,000	21.7	25.8	532,961,000	654,478,000
All wheat	25,254,400	25,995,000	21.9	26.0	552,657,000	675,148,000
Oats for grain	11,896,600	11,062,400	41.0	42.9	488,191,000	474,169,000
Barley	7,839,800	8,477,400	31.3	34.8	245,218,000	294,636,000
Fall rye	711,600	757,700	15.8	19.6	11,277,000	14,832,500
Spring rye	415,000	499,600	15.3	19.4	6,370,000	9,670,000
All rye	1,126,600	1,257,300	15.7	19.5	17,647,000	24,502,500
Mixed grains	1,524,300	1,570,100	44.9	40.3	68,509,000	63,268,000
Corn, shelled	314,000	339,200	50.9	53.4	15,990,000	18,124,000
Buckwheat	124,400	123,800	23.4	22.8	2,916,000	2,818,000
Peas, dry	37,300	42,020	20.0	21.1	744,800	886,600
Beans, dry	58,700	59,900	21.0	18.0	1,233,200	1,075,700
Potatoes	284,900	294,200	169.7	186.2 111.7	48,355,000	54,769,000
Flaxseed	1,158,500	1,206,500	8.5	10.9	9,897,000	13,097,000
Soybeans	155,000	172,000	24.8	26.0	3,843,000	4,472,000
			cwt.	cwt.	cwt.	cwt.
Field roots	45,700	45,100	302.1	289.1	13,807,000	13,038,000
			tons	tons	tons	tons
Tame hay 4/	10,538,000	10,682,400	1.85	1.78	19,484,000	18,990,000
Fodder corn	387,600	369,500	9.31	9.64	3,607,000	3,562,900
Sugar beets	93,140	93,078	10.37	10.84	965,756	1,009,156
<b>PRINCE EDWARD ISLAND</b>						
			bu.	bu.	bu.	bu.
Spring wheat	4,700	3,700	24.0	22.0	113,000	81,000
Oats for grain	100,000	96,000	39.0	37.0	3,900,000	3,552,000
Barley	4,100	4,200	32.0	30.0	131,000	126,000
Mixed grains	71,700	71,200	42.0	38.0	3,011,000	2,706,000
Buckwheat	400	400	25.0	23.0	10,000	9,000
Potatoes	29,600	33,400	200.0	240.0 144.0	5,930,000	8,016,000
			cwt.	cwt.	cwt.	cwt.
Field roots	7,600	7,000	271.0	250.0	2,060,000	1,750,000
			tons	tons	tons	tons
Tame hay 4/	204,000	199,000	1.90	2.10	385,000	418,000
Fodder corn	700	700	8.00	9.70	5,600	6,800
<b>NOVA SCOTIA</b>						
			bu.	bu.	bu.	bu.
Spring wheat	1,200	900	22.0	22.0	26,000	20,000
Oats for grain	61,600	56,100	43.0	38.0	2,650,000	2,132,000
Barley	4,400	3,700	32.0	29.0	141,000	107,000
Mixed grains	8,800	9,800	40.0	36.0	352,000	353,000
Buckwheat	600	600	25.0	25.0	15,000	15,000
Potatoes	11,300	12,000	180.0	216.0 129.6	2,034,000	2,592,000
			cwt.	cwt.	cwt.	cwt.
Field roots	4,300	4,300	325.0	250.0	1,398,000	1,075,000
			tons	tons	tons	tons
Tame hay 4/	345,000	353,000	2.00	2.40	690,000	847,000
Fodder corn	700	600	10.80	11.00	7,600	6,600

Footnotes on page 7.



Crops	Area		Yield per Acre		Production	
	1951 1/ acres	1952 2/ acres	1951 bu.	1952 bu.	1951 3/ bu.	1952 bu.
<b>NEW BRUNSWICK</b>						
Spring wheat	3,400	2,800	23.0	20.0	78,000	56,000
Oats for grain	175,000	155,000	38.0	31.0	6,700,000	4,805,000
Barley	13,600	10,300	35.0	27.0	476,000	278,000
Mixed grains	6,700	7,600	41.0	29.0	275,000	220,000
Buckwheat	7,900	9,000	31.0	25.0	245,000	225,000
Potatoes	38,100	42,700	250.0	210.0	9,510,000	8,967,000
			cwt.	cwt.	cwt.	cwt.
Field roots	4,100	4,500	235.0	330.0	964,000	1,485,000
			tons	tons	tons	tons
Tame hay 4/	441,000	443,000	1.80	2.00	793,000	886,000
Fodder corn	600	600	9.00	8.00	5,400	4,800
<b>QUEBEC</b>						
			bu.	bu.	bu.	bu.
Spring wheat	12,200	11,100	21.9	21.0	267,000	233,000
Oats for grain	1,396,000	1,363,000	34.4	29.0	47,985,000	39,527,000
Barley	61,600	60,800	30.0	24.0	1,847,000	1,459,000
Fall rye	5,000	3,500	20.5	19.0	102,000	66,500
Mixed grains	212,000	218,000	35.9	29.0	7,619,000	6,322,000
Buckwheat	43,700	40,800	24.8	21.0	1,084,000	857,000
Peas, dry	3,300	3,400	18.3	17.0	60,400	57,800
Beans, dry	900	900	17.8	17.0	16,000	15,300
Potatoes	92,000	91,700	138.5	141.0	12,739,000	12,930,000
			cwt.	cwt.	cwt.	cwt.
Field roots	11,500	10,600	187.0	125.0	2,150,000	1,325,000
			tons	tons	tons	tons
Tame hay 4/	3,654,000	3,673,000	1.61	1.69	5,875,000	6,207,000
Fodder corn	80,300	70,700	8.15	8.93	654,000	631,000
Sugar beets	10,000	8,150	9.67	10.92	96,711	89,000
<b>ONTARIO</b>						
			bu.	bu.	bu.	bu.
Winter wheat	703,000	650,000	28.0	31.8	19,696,000	20,670,000
Spring wheat	43,900	36,700	21.7	21.0	952,000	771,000
All wheat	746,900	686,700	27.6	31.2	20,648,000	21,441,000
Oats for grain	1,749,000	1,732,300	47.0	39.4	82,218,000	68,253,000
Barley	194,000	202,700	37.8	33.0	7,339,000	6,689,000
Fall rye	72,400	74,700	20.8	19.0	1,505,000	1,419,000
Mixed grains	1,081,000	1,128,700	48.0	43.0	51,867,000	48,534,000
Corn, shelled	289,000	319,500	54.5	55.0	15,765,000	17,572,000
Buckwheat	64,400	63,000	22.3	24.0	1,436,000	1,512,000
Peas, dry	7,900	9,300	19.5	17.5	155,000	163,000
Beans, dry	57,400	58,600	21.1	18.0	1,210,000	1,055,000
Potatoes	54,900	56,100	176.0	205.0	9,661,000	11,500,000
Flaxseed	65,800	75,100	14.6	12.0	960,000	901,000
Soybeans	155,000	172,000	24.8	26.0	3,843,000	4,472,000
			cwt.	cwt.	cwt.	cwt.
Field roots	17,600	18,200	406.0	400.0	7,127,000	7,280,000
			tons	tons	tons	tons
Tame hay 4/	3,406,000	3,401,400	2.16	1.78	7,357,000	6,054,000
Fodder corn	282,000	268,400	10.00	10.20	2,823,000	2,738,000
Sugar beets	31,471	31,650	10.85	10.30	341,532	326,000

Field roots but, published yields in bushels instead of cwt.

Crops	Area		Yield per Acre		Production	
	1951 1/	1952 2/	1951	1952	1951 3/	1952
	acres	acres	bu.	bu.	bu.	bu.
<b>MANITOBA</b>						
Spring wheat	2,326,000	2,368,000	22.4	24.5	52,000,000	58,000,000
Oats for grain	1,643,000	1,611,000	35.3	40.3	58,000,000	65,000,000
Barley	2,040,000	2,165,000	27.5	32.3	56,000,000	70,000,000
Fall rye	41,800	44,100	16.4	17.5	685,000	770,000
Spring rye	11,000	10,600	13.6	16.0	150,000	170,000
All rye	52,800	54,700	15.8	17.2	835,000	940,000
Mixed grains	33,000	36,600	32.0	32.8	1,056,000	1,200,000
Corn, shelled	25,000	19,700	9.0	28.0	225,000	552,000
Buckwheat	7,400	10,000	17.0	20.0	126,000	200,000
Peas, dry	14,900	18,420	23.0	23.0	343,000	424,000
Potatoes	15,800	17,300	142.0	156.1	2,244,000	2,700,000
Flaxseed	655,000	593,000	7.6	9.6	5,000,000	5,700,000
			tons	tons	tons	tons
Tame hay 4/	399,000	417,000	1.63	1.41	650,000	589,000
Fodder corn	15,700	21,300	3.60	5.00	56,500	106,000
Sugar beets	19,074	16,500	9.35	8.18	178,319	135,000
			bu.	bu.	bu.	bu.
<b>SASKATCHEWAN</b>						
Spring wheat	15,635,000	16,432,000	20.8	25.4	325,000,000	417,000,000
Oats for grain	3,815,000	3,362,000	38.8	45.2	148,000,000	152,000,000
Barley	2,449,000	2,644,000	29.8	34.0	73,000,000	90,000,000
Fall rye	404,000	379,000	12.9	18.2	5,200,000	6,900,000
Spring rye	306,000	363,000	15.0	19.6	4,600,000	7,100,000
All rye	710,000	742,000	13.8	18.9	9,800,000	14,000,000
Mixed grains	27,800	24,500	38.1	33.0	1,060,000	808,000
Peas, dry	1,400	1,500	19.7	18.5	27,600	27,800
Potatoes	15,700	14,100	122.5	164.0	1,923,000	2,312,000
Flaxseed	296,000	380,000	7.8	11.3	2,300,000	4,300,000
			tons	tons	tons	tons
Tame hay 4/	572,000	586,000	1.78	1.70	1,017,000	996,000
Fodder corn	1,800	1,300	1.83	3.80	3,300	4,900
			bu.	bu.	bu.	bu.
<b>ALBERTA</b>						
Spring wheat	6,424,000	6,404,000	23.7	27.5	152,000,000	176,000,000
Oats for grain	2,854,000	2,587,000	47.0	51.4	134,000,000	133,000,000
Barley	3,041,000	3,336,000	34.5	37.2	105,000,000	124,000,000
Fall rye	186,000	254,000	20.0	22.0	3,725,000	5,600,000
Spring rye	98,000	126,000	16.5	19.0	1,620,000	2,400,000
All rye	284,000	380,000	18.8	21.1	5,345,000	8,000,000
Mixed grains	81,000	71,300	39.0	42.1	3,159,000	3,000,000
Peas, dry	7,900	7,400	15.0	21.4	118,000	158,000
Potatoes	17,700	16,700	133.0	185.6	2,354,000	3,100,000
Flaxseed	135,000	151,000	11.6	13.9	1,570,000	2,100,000
			tons	tons	tons	tons
Tame hay 4/	1,206,000	1,292,000	1.79	1.73	2,157,000	2,230,000
Fodder corn	2,100	2,200	4.50	7.60	9,400	16,700
Sugar beets	32,595	36,778	10.71	12.48	349,194	459,156

Crops	Area		Yield Per Acre		Production	
	1951 <u>1/</u>	1952 <u>2/</u>	1951	1952	1951 <u>3/</u>	1952
	acres	acres	bu.	bu.	bu.	bu.
<b>BRITISH COLUMBIA</b>						
Spring wheat	101,000	85,800	25.0	27.0	2,525,000	2,317,000
Oats for grain	103,000	100,000	46.0	59.0	4,738,000	5,900,000
Barley	32,100	50,700	40.0	39.0	1,284,000	1,977,000
Fall rye	2,400	2,400	25.1	32.0	60,000	77,000
Mixed grains	2,300	2,400	48.0	52.0	110,000	125,000
Peas, dry	1,900	2,000	21.5	28.0	40,800	56,000
Beans, dry	400	400	18.0	13.5	7,200	5,400
Potatoes	9,800	10,200	200.0	260.0	1,960,000	2,652,000
Flaxseed	6,700	7,400	10.0	13.0	67,000	96,000
			cwt.	cwt.	cwt.	cwt.
Field roots	600	500	180.0	246.0	108,000	123,000
			tons	tons	tons	tons
Tame hay <u>4/</u>	311,000	318,000	1.80	2.40	560,000	763,000
Fodder corn	3,700	3,700	11.40	13.00	42,200	48,100

September Estimate of the 1952 Production of Principal Grain Crops  
in the Prairie Provinces compared with 1951

Crops	Area		Yield Per Acre		Production	
	1951 <u>1/</u>	1952 <u>2/</u>	1951	1952	1951 <u>3/</u>	1952
	acres	acres	bu.	bu.	bu.	bu.
Wheat	24,385,000	25,204,000	21.7	25.8	529,000,000	651,000,000
Oats for grain	8,312,000	7,560,000	40.9	46.3	340,000,000	350,000,000
Barley	7,530,000	8,145,000	31.1	34.9	234,000,000	284,000,000
Rye	1,046,800	1,176,700	15.3	19.5	15,980,000	22,940,000
Flaxseed	1,086,000	1,124,000	8.2	10.8	8,870,000	12,100,000

1/ Acreages rounded from 1951 Census of Agriculture.

2/ Based on annual June survey of acreage, includes all revisions to date.

3/ Revised basis 1951 census data. Further revisions may be required when final disposition data become available.

4/ Including clover and alfalfa.

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