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## SEPTEMBER FORECAST OF PRODUCTION OF PRINCIPAL FIELD CROPS, CANADA, 1953

On the basis of yields indicated at September 1, Canadian farmers are expected to harvest the second largest crops of wheat, barley, and rye, and the largest crop of soybeans, on record. In general, current forecasts of production of the major grain crops, hay and potatoes show relatively little change from those based on yields indicated at August 1. Average yields of winter wheat, oats for grain, spring rye, mixed grains, potatoes and tame hay are somewhat above the levels indicated at August 1 while those of spring wheat, barley, fall rye and flaxseed are slightly lower. In addition to these crops for which second estimates of production are now available, first forecasts of production for certain late-seeded grain crops and for fodder corn, field roots and sugar beets are included in this report.

Forecasts of average yields in this report are based on the September 1 returns from the Bureau's crop correspondents and on information supplied by processing companies and by the officials responsible for agricultural statistics in the provinces. The acreages seeded to the various crops, with certain exceptions, are those obtained from the Bureau's annual June 1 survey and the special acreage survey conducted at the end of June this year in the Prairie Provinces. Although analysis of the latter survey has not yet been completed, indications are that any necessary revisions in Prairie Province grain acreages will not significantly affect the estimates published in the Bureau's July 29 acreage report. The third estimate of production of Canada's 1953 field crops, based on reports at October 31 when harvesting is normally completed, is scheduled for release on November 17.

Although generally satisfactory progress had been made with harvesting in Manitoba and Saskatchewan by September 1, very little of Alberta's crops had been harvested by that date. Recent wet, cool weather in the Prairie Provinces has further delayed ripening of late-seeded crops and interfered with harvesting operations. Considerable quantities of grain remain to be harvested, particularly in Alberta, and an extended period of dry, frost-free weather will be required to ensure realization of current estimates.

Indicated yields per acre of the 18 crops for which forecasts are made in this report are all above long-time averages but for only six—winter wheat, fall rye, mixed grains, buckwheat, dry peas and tame hay—do they exceed those of 1952 when yields of most crops were at record or near-record levels. Indicated production for winter wheat, fall rye, buckwheat, dry peas, dry beans, soybeans, potatoes and tame hay exceeds that of last year but outturns of most of the major grains, including spring wheat, oats for grain, barley, mixed grains and flaxseed, are below those of 1952.

Wheat Canada's 1953 wheat crop, now forecast at 594.3 million bushels, is second only to last year's record 687.9 million and some 40 per cent above the ten-year (1943-1952) average of 423.5 million. The reduction of 9.5 million bushels from the August forecast is almost entirely attributable to lower indicated outturns in Manitoba and Alberta. Realization of current production forecasts, however, would mean that Canada will harvest for the first time on record three consecutive wheat crops in excess of 500 million bushels.

Note: Data for Newfoundland not available.

This year's crop of spring wheat, now placed at 567.6 million bushels, is being harvested from a seeded area estimated at 24.8 million acres yielding an indicated 22.9 bushels per acre. In 1952 the spring wheat crop was estimated at a record 667.1 million bushels, yielding a record average of 26.3 bushels per acre on a seeded area of 25.3 million acres. Actual harvesting returns confirm the record yields indicated for this year's Ontario winter wheat crop, now placed at an average of 36.4 bushels per acre. Froduction of the Ontario winter wheat crop is currently estimated at 26.6 million bushels, compared with the 1952 total of 20.8 million.

In the Prairie Provinces the wheat crop is forecast at 564 million bushels as against last year's record of 564 million. The expected average yield per seeded acre in the Prairie Provinces is 22.9 bushels, with Manitoba averaging 20.8; Baskatchewan, 22.7; and Alberta, 24.1 bushels per acre. The indicated production in Baskatchewan remains unchanged from the August forecast of 365 million bushels, 70 million less than last year's record. Production in Alberta is now placed at 153 million bushels, a decrease of 6 million from earlier indications, and 19 million below the 1952 crop. Indicated outturns in Manitoba are also below those of the August forecast, largely as a result of rust damage, and the wheat crop in that province is now estimated at 46 million bushels, compared with last year's 57 million. Relatively small quantities of winter wheat are included in the spring wheat estimates for the Prairie Provinces.

Oats for Production of oats for grain in 1953 is now indicated at 404.9 million bushels, with the decrease from last year's 466.8 million largely attributable to smaller seeded acreage. The area seeded to oats dropped from an estimated 11.1 million acres in 1952 to 9.8 million in 1953 but the indicated average yield of 41.2 bushels per acre is only one bushel below last year's level. Average yields are expected to exceed those of 1952 in all provinces except Nova Scotia and the Prairies. However, the indicated reduction of the crop in the latter area from 346 million bushels in 1952 to 273 million more than offsets increases occurring in other provinces.

Barley The 1953 barley crop is currently forecast at 273.0 million bushels, 18.4 million less than last year's record crop of 291.4 million. Average yields per acre are expected to exceed those of 1952 in all provinces except the Prairies where the indicated yield is 30.5 bushels per seeded acre, 4 bushels less than in 1952. Production in the Prairie Provinces is placed at 262 million bushels, 19 million less than last year's record, with Alberta accounting for 115 million; Saskatchewan, 84 million; and Manitoba, 63 million bushels of this year's total.

The combined outturn of spring and fall rye is forecast at 29.3 million bushels, second only to the record 32.4 million harvested in 1922. Production of fall rye, placed at 21.3 million bushels, is up sharply from last year's 14.8 million, but spring rye, at 8.0 million bushels, is somewhat below the 9.8 million harvested in 1952. All but 2.0 million bushels of this year's rye crop is being grown in the Prairie Provinces, with Saskatchewan's production of 15.2 million bushels accounting for slightly over half the total.

This year's flaxseed crop, now forecast at 10.8 million bushels, is 2.2 million below the 1952 level as a result of smaller seeded acreages in each of the flax-growing provinces and reduced yields in the Prairies. Production in the Prairie Provinces is placed at 10.2 million bushels of which Manitoba farmers are expected to narvest 4.7 million.

Mixed Grains Production of mixed grains, grown chiefly in Eastern Canada, is placed at 62.3 million bushels, slightly below last year's 63.2 million. Average yields are higher in all but the Prairie Provinces and the average for Canada as a whole is estimated at 43.1 bushels per acre as against 40.3 last year. However, a reduction in seeded area from 1.6 million to 1.4 million acres more than offsets the effect of increased average yields on total outturns.

Dry Peas The 1953 production of dry beans is placed at 1,420,000 bushels, and Beans compared with 1,292,800 bushels in 1952, while the crop of dry peas is forecast at 961,500 bushels as against the 1952 outturn of 888,500 bushels. Acreages seeded to both crops were somewhat higher than in 1952. The indicated average yields for dry beans, at 20.7 bushels per seeded acre, is one bushel below that of last year but for dry peas the indicated yield of 21.5 bushels is slightly above the 1952 figure of 20.7 bushels.

Shelled Corn Production of shelled corn in 1953 is forecast at 19.5 million bushels, almost unchanged from last year's total of 19.7 million. The area seeded to this crop increased from 339,200 acres in 1952 to 362,000 in 1953 but the indicated average yield dropped from 58.1 to 53.8 bushels per acre. With the exception of an estimated 375,000 bushels in Manitoba, all of this year's shelled corn crop is being produced in Ontario.

Potatoes The 1953 potato crop is forecast, on the basis of yields indicated at September 1, at 63.6 million bushels, compared with 60.1 million in 1952. Most of the increase over last year is attributable to a larger planted area since average yields are expected to exceed those of last year only in New Brunswick and British Columbia. Anticipated production is larger than in 1952 in these two provinces and also in Nova Scotia, Quebec, Ontario and Manitoba where increased acreage is expected to more than offset the effects of lower yields per acre.

Forage Crops The all-Canada production of tame hay (including clover and alfalfa) is now placed at 19.6 million tons as against 19.1 million in 1952. The heavy crop in Ontario, estimated at 7.6 million tons and averaging 2.18 tons per acre, was the major factor in this year's over-all increase, since production in all other provinces except Manitoba and Alberta was below that of 1952. Production of fodder corn is forecast at 3.4 million tons, down from last year's 3.8 million largely as a result of lower indicated average yields.

Sugar Beets Production of sugar beets in the four beet-growing provinces is forecast at some 844,000 tons, compared with 1,023,000 tons last year. This year's crop is expected to be below that of 1952 in all provinces except Manitoba where both acreage and indicated average yield exceed those of last year. The outturn in Alberta, the major producing area, is indicated at 380,000 tons.

Other Crops
Continued expansion of soybean acreage in Ontario, where commercial production of this crop is currently confined, has resulted in another record crop. This year's production, placed at 4.8 million bushels, is well above the previous record of 4.1 million bushels harvested in 1952. Production of buckwheat, grown chiefly in Ontario and Quebec, is placed at 3.0 million bushels as against 2.7 million last year. The 1953 crop of field roots (turnips, mangels, etc.) for livestock feed, is placed at 449,000 tons, compared with 495,000 tons in 1952.

September Forecast of the 1953 Production of Principal Field Crops in Canada, Compared with 1952

Province and Crop	Area		Yield Per Acre		Production	
	1952	1953	1952	1953*	1952	1953*
	acres	acres	bu.	bu.	bu.	bu.
CANA DA						
Winter wheat	650,000	732,000	32.0	36.4	20,800,000	26,645,000
Spring wheat	25,345,000	24,780,600	26.3	22.9	667,122,000	567,623,000
All wheat	25,995,000	25,512,600	26.5	23.3	687,922,000	594,268,000
Oats for grain	11,062,400	9,830,000	42.2	41.2	466,805,000	404,901,000
Barley	8,477,400	8,911,100	34.4	30.6	291,379,000	273,005,000
Fall rye	757,700	1,001,200	19.5	21.2	14,783,000	21,256,000
Spring rye	499,600	462,200	19.6	17.4	9,774,000	8,030,000
	1,257,300	1,463,400	19.5	20.0	24,557,000	29,286,000
All rye		1,445,400	40.3	43.1	63,205,000	62,256,000
Mixed grains	1,570,100		58.1	53.8	19,722,000	19,460,000
Corn, shelled	339,200	362,000	-	21.9	2,680,000	3,039,000
Buckwheat	122,800	138,900	21.8			
Peas, dry	42,820	44,700	20.7	21.5	888,500	961,500
Beans, dry	59,500	68,500	21.7	20.7	1,292,800	1,420,000
Potatoes	296,800	320,800	202.4	198.2	60,071,000	63,594,000
Flaxseed	1,206,500	1,036,000	10.7	10.4	12,961,000	10,787,000
Soybeans	172,000	216,000	24.0	22.0	4,128,000	4,752,000
*			tons	tons	tons	tons
Tame hay	10,679,400	10,702,000	1.79	1.83	19,083,000	19,618,000
Fodder corn	365,400	364,700	10.39	9.24	3,798,200	3,369,600
Field roots	44,600	43,200	11.10	10.07	495,000	449,000
Sugar beets	92,607	81,730	11.04	10.32	1,022,693	843,740
PRINCE EDWARD I	SLAND		bu.	bu.	bu.	bu.
C	2 7700	2 000	23.0	25.0	85,000	72,000
Spring wheat	3,700	2,900	36.0	43.0		4,567,000
Oats for grain	96,000		30.0	35.0	126,000	168,000
Barley	4,200	4,800	39.0	44.0	2,777,000	3,089,000
Mixed grains	71,200	70,200		266.0	and the second s	10,374,000
Potatoes	36,000	39,000	300.0			
	100 000	107 000	tons	tons	tons	tons
Pame hay Field roots	199,000	191,000 6,600	2.10 15.00	1.70		325,000 90,000
reid 10005	7,000	0,000	17,000		20,,000	
NOVA SCOTIA			bu.	bu.	bu.	bu.
Spring wheat	900	1,000	25.0	28.0 =	22,000	28,000
Spring wheat	56,100	55,800	42.0	41.0 -		2,288,000
Dats for grain	3,700	3,000	32.0	34.0	118,000	102,000
Barley			40.0	41.0	392,000	385,000
Mixed grains	9,800	9,400	230.0	230.0	2,760,000	2,852,000
Potatoes	12,000	12,400		tons	tons	tons
	0.50 000	21.5.000	tons			
Tame hay	353,000	345,000	2.40	2.10		724,000
Field roots	4,300	4,600	15.00	14.60	64,000	67,000

<sup>\*</sup>As indicated on basis of conditions at September 1.

September Forecast of the 1953 Production of Principal Field Crops in Canada, Compared with 1952 (continued)

Province and Crop	Area		Yield Per Acre		Production	
	1952	1953	1952	1953*	1952	1953*
NEW BRUNSWICK	acres	acres	bu.	bu.	bu.	bu.
Spring wheat Oats for grain Barley Mixed grains Buckwheat Potatoes	2,800 155,000 10,300 7,600 9,000 42,700	2,700 152,000 8,900 7,200 6,700 48,400	22.0 30.0 26.0 31.0 21.0	26.0 45.0 36.0 43.0 31.0 289.0	62,000 4,650,000 268,000 236,000 189,000 10,974,000	70,000 6,840,000 320,000 310,000 208,000 13,988,000
			tons	tons	tons	tons
Tame hay Field roots	4,500	430,000	2.00	1.60		688,000 38,000
QUEBEC			bu.	bu.	bu.	bu.
Spring wheat Oats for grain Barley Fall rye Mixed grains Buckwheat Peas, dry Beans, dry Potatoes	11,100 1,363,000 60,800 3,500 218,000 40,800 3,400 900 91,700	11,100 1,380,000 56,500 2,700 202,000 41,200 3,300 1,000	19.8 27.5 25.6 20.6 30.3 21.2 17.6 150.0	22.0 31.0 27.0 19.0 33.0 23.0 15.0 16.0	220,000 37,483,000 1,556,000 72,000 6,605,000 865,000 58,500 15,800 13,755,000	244,000 42,780,000 1,526,000 51,000 6,666,000 948,000 49,500 16,000
			tons	tons	tons	tons
Tame hay Fodder corn Field roots Sugar beets	3,673,000 70,700 10,600 7,892	3,637,000 72,600 11,100 6,700	1.65 9.00 7.25 11.00	1.40 8.00 6.50 10.97	6,060,000 636,000 77,000 86,844	5,092,000 581,000 72,000 73,500
ONTARIO			bu.	bu.	bu.	bu.
Winter wheat Spring wheat All wheat Oats for grain Barley Fall rye Mixed grains Corn, shelled Buckwheat Peas, dry Beans, dry Potatoes Flaxseed Soybeans	650,000 36,700 686,700 1,732,300 202,700 74,700 1,128,700 319,500 63,000 9,300 58,600 56,100 75,100 172,000	732,000 33,500 765,500 1,548,000 171,000 75,000 1,017,000 347,000 10,000 67,500 62,700 41,000 216,000	32.0 20.7 31.4 39.0 33.0 20.0 42.5 60.0 22.9 15.5 21.8 201.0 11.6 24.0 tons	36.4 22.9 35.8 44.8 36.1 23.2 45.9 55.0 21.0 21.4 20.8 183.5 12.5 22.0 tons	20,800,000 760,000 21,560,000 67,560,000 6,689,000 1,494,000 47,970,000 19,170,000 1,443,000 1,443,000 1,277,000 11,276,000 871,000 4,128,000 tons	26,645,000 767,000 27,412,000 69,350,000 6,173,000 1,740,000 46,680,000 19,085,000 1,617,000 214,000 1,404,000 11,505,000 512,000 4,752,000 tons
Tame hay Fodder corn Field roots Sugar beets	3,401,400 268,400 18,200 31,563	3,500,000 264,000 17,300 22,830	1.81 11.20 11.20 10.52	2.18 10.00 10.50 10.52	6,157,000 3,006,000 204,000 332,000	7,630,000 2,640,000 182,000 240,240

<sup>\*</sup>As indicated on basis of conditions at September 1.

September Forecast of the 1953 Production of Principal Field Crops in Canada, Compared with 1952 (continued)

Province and Grop	Area		Yield Per Acre		Production	
	1952	1953	1952	1953*	1952	1953*
MANITOBA	acres	acres	bu.	bu.	bu.	bu.
	0 260 000	2 204 000	21 7	20.8	57,000,000	46,000,000
Spring wheat	2,368,000	2,208,000	24.1		65,000,000	53,000,000
Oats for grain	1,611,000	1,412,000	40.3	37.5		63,000,000
Barley	2,165,000	2,365,000	32.8	26.6	71,000,000	
Fall rye	44,100	90,000	17.0	21.1	750,000	1,900,000
Spring rye	10,600	14,200	16.4	16.2	174,000	230,000
All rye	54,700	104,200	16.9	20.4	924,000	2,130,000
Mixed grains	36,600	33,300	32.8	32.0	1,200,000	1,066,000
Corn, shelled	19,700	15,000	28.0	25.0	552,000	375,000
Buckwheat	10,000	14,000	18.3	19.0	183,000	266,000
Peas, dry	18,420	25,000	25.0	23.0	460,000	575,000
	17,300	18,800	159.0	155.0	2,751,000	2,914,000
Potatoes		500,000	9.6	9.4	5,700,000	4,700,000
Flaxseed	593,000	,000,000				
			tons	tons	tons	tons
Tame hay	417,000	450,000	1.55	2.10	646,000	945,000
Fodder corn	21,300	24,000	5.00	4.60	106,000	110,000
Sugar beets	16,411	17,500	7.56	8.57	124,000	150,000
SASKATCHEWAN			bu.	bu.	bu.	bu.
Spring wheat	16,432,000	16,100,000	26.5	22.7	435,000,000	365,000,000
	3,362,000	2,721,000	45.2	40.4	152,000,000	110,000,000
Oats for grain			34.8	30.6	92,000,000	84,000,000
Barley	2,644,000	2,745,000	18.5	19.8	7,000,000	9,900,000
Fall rye	379,000	500,000		16.8	7,200,000	5,300,000
Spring rye	363,000	316,000	19.8			15,200,000
All rye	742,000	816,000	19.1	18.6	14,200,000	752,000
Mixed grains	24,500	22,800	40.8	33.0	1,000,000	
Peas, dry	1,500	1,000	18.0	18.0	27,000	18,000
Potatoes	14,100	12,800	131.0	113.0	1,847,000	1,446,000
Flaxseed	380,000	342,000	11.3	10.5	4,300,000	3,600,000
			tons	tons	tons	tons
Tame hay	586,000	540,000	1.74	1.80	1,020,000	972,000
Fodder corn	1,300	1,000	3.30	2.30	4,300	2,300
ALBERTA			bu.	bu.	bu.	bu.
Spring wheat	6,404,000	6,340,000	26.9	24.1	172,000,000	153,000,000
Oats for grain	2,587,000	2,357,000	49.9	46.7	129,000,000	110,000,000
Barley	3,336,000	3,489,000	35.4	33.0	118,000,000	115,000,000
Fall rye	254,000	328,000	21.3	22.9	5,400,000	7,500,000
_	126,000	132,000	19.0	18.9	2,400,000	2,500,000
Spring rye		460,000	20.5	21.7	7,800,000	10,000,000
All rye	380,000	80,600	40.7	39.0	2,900,000	3,143,000
Mixed grains	71,300		17.3	76.0	77.2 000	53,000
Peas, dry	8,200	3,300		160.0	3,256,000	2,464,000
Potatoes	16,700	15,400	195.0		- / - /	
Flaxseed	151,000	148,000	13.2	12.8 tons	2,000,000 tons	1,900,000 tons
and 12	2 000 000	3 000 000	tons			
Tame hay	1,292,000	1,300,000	1.75	1.90	2,261,000 479,849	2,470,000 380,000
Sugar beets	36,741	34,700	13.06	10.77	417,047	300,000

<sup>\*</sup>As indicated on basis of conditions at September 1.

September Forecast of the 1953 Production of Principal Field Crops in Canada, Compared with 1952 (concluded)

Province	Area		Yield Per Acre		Production	
and Crop	1952	1953	1952	1953*	1952	1953*
	acres	acres	bu.	bu.	bu.	bu.
BRITISH COLUMBIA						
Spring wheat	85,800	81,400	23.0	30.0 -	1,973,000	2,442,000
Oats for grain	100,000	98,000	53.0	62.0 -	5,300,000	6,076,000
Barley	50,700	67,900	32.0	40.0-	1,622,000	2,716,000
Fall rye	2,400	5,500	28.0	30.0 -	67,000	165,000
Mixed grains	2,400	2,900	52.0	57.0-	125,000	165,000
Peas, dry	2,000	2,100	28.5	25.0	57,000	52,000
Potatoes	10,200	11,300	260.0	270.0-	2,652,000	3,051,000
Flaxseed	7,400	5,000	12.2	15.0 -	90,000	75,000
			tons	tons	tons	tons
Tame hay	315,000	309,000	2.50	2.50 -	788,000	772,000
Fodder corn	3,700	3,100	12.40	11.70-	45,900	36,300

September Forecast of the 1953 Production of Principal Grain Crops in the Prairie Provinces compared with 1952

Crops	Area		Yield Per Acre		Production	
	1952	1953	1952	1953*	1952	1953*
	acres	acres	bu.	bu.	bu.	bu.
Wheat	25,204,000	24,648,000	26.3	22.9	664,000,000	564,000,000
Oats for grain	7,560,000	6,490,000	45.8	42.1	346,000,000	273,000,000
Barley	8,145,000	8,599,000	34.5	30.5	281,000,000	262,000,000
Rye	1,176,700	1,380,200	19.5	19.8	22,924,000	27,330,000
Flaxseed	1,124,000	990,000	10.7	10.3	12,000,000	10,200,000

<sup>\*</sup>As indicated on basis of conditions at September 1.

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## Summary Comparisons of Production, 1953 and 1952

All Canada The total production of the principal grain crops in Canada for 1953 is now forecast, in bushels, as follows with the 1952 figures within brackets: Wheat, 594,268,000 (687,922,000); oats for grain, 404,901,000 (466,805,000); barley, 273,005,000 (291,379,000); rye, 29,280,000 (24,557,000); mixed grains, 62,256,000 (63,205,000); shelled corn, 19,460,000 (19,722,000); buckwheat, 3,039,000 (2,680,000); dry peas, 961,500 (888,500); dry beans, 1,420,000 (1,292,800); flaxseed, 10,787,000 (12,961,000); and soybeans, 4,752,000 (4,128,000). The average yields per acre, in bushels, are forecast as follows, with the 1952 figures within brackets: Wheat, 23.3 (26.5); oats for grain, 41.2 (42.2); barley, 30.6 (34.4); rye, 20.0 (19.5); mixed grains, 43.1 (40.3); shelled corn, 53.8 (58.1); buckwheat, 21.9 (21.8); dry peas, 21.5 (20.7); dry beans, 20.7 (21.7); flaxseed, 10.4 (10.7); and soybeans, 22.0 (24.0).

The indicated production of root and fodder crops in 1953 is as follows, with the 1952 figures within brackets: Potatoes, 63,594,000 bushels (60,071,000 bushels); field roots, 449,000 tons (495,000 tons); tame hay, 19,618,000 tons (19,083,000 tons); fodder corn, 3,369,600 tons (3,798,200 tons); and sugar beets, 843,740 tons (1,022,693 tons).

The average yields per acre are as follows, with last year's figures within brackets: Potatoes, 198.2 bushels (202.4 busnels); field roots, 10.07 tons (11.10 tons); tame hay, 1.83 tons (1.79 tons); fodder corn, 9.24 tons (10.39 tons); and sugar beets, 10.32 tons (11.04 tons).

Prairie Provinces

According to the second forecast, production of the five principal grain crops in the Prairie Provinces, in bushels, is as follows, with the 1952 figures within brackets: Three Provinces - Wheat, 564,000,000 (664,000,000); oats for grain, 273,000,000 (346,000,000); barley, 262,000,000 (281,000,000); rye, 27,330,000 (22,924,000); flaxseed, 10,200,000 (12,000,000). Manitoba - Wheat, 46,000,000 (57,000,000); oats for grain, 53,000,000 (65,000,000); barley, 63,000,000 (71,000,000); rye, 2,130,000 (924,000); flaxseed, 4,700,000 (5,700,000). Saskatchewan - Wheat, 365,000,000 (435,000,000); oats for grain, 110,000,000 (152,000,000); barley, 84,000,000 (92,000,000); rye, 15,200,000 (14,200,000); flaxseed, 3,600,000 (4,300,000). Alberta - Wheat, 153,000,000 (172,000,000); oats for grain, 110,000,000 (129,000,000); barley, 115,000,000 (118,000,000); rye, 10,000,000 (7,800,000); flaxseed, 1,900,000 (2,000,000).