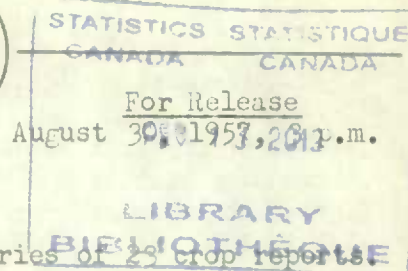


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AUGUST FORECAST OF PRODUCTION OF PRINCIPAL FIELD CROPS, CANADA, 1957

On the basis of yields indicated at August 15, production of all but one of Canada's principal field crops in 1957 will be below last year's levels. Fall rye is the only one of the ten crops covered in this report for which a larger outturn than that of 1956 is anticipated. Present prospects point to a 360 million bushel wheat crop, 37 per cent below last year's revised estimate of 573 million and 26 per cent below the ten-year (1947-56) average. The oats and barley crops are placed at 383 million and 223 million bushels, respectively, with flaxseed being estimated at 26 million bushels. Fall and spring rye together will account for some 8.4 million bushels. With the exception of winter wheat and fall rye average yields per acre for all ten crops included in this report are lower than in 1956.

Realization of the 1957 yield and production forecast contained in this report will depend upon the existence of favourable weather conditions throughout the remainder of the growing and harvesting season. However, harvesting started early in many parts of the country this season, particularly in the Prairie Provinces, Ontario and some sections of Quebec. Good progress has been made in these areas to date and except for some northern regions, most crops should not be too vulnerable to early frost damage.

Extremely dry weather during the growing season over wide areas of the Prairie Provinces, particularly in Saskatchewan and Alberta, is the principal cause of the reduction in most of this year's crops. Hail also took a heavy toll in the west and excessive moisture resulted in considerable losses in parts of Manitoba. Rains in early August, however, improved later sown crops on the Prairies and, in general, crop prospects at the end of August are better than they were a month previous. August rains also broke a lengthy drought in the Maritimes and considerably improved prospects for most crops in these provinces. The major spring grain crops have turned out very well in Quebec and Ontario, and in British Columbia production of all crops but mixed grains is expected to exceed that of 1956. Estimated production of tame hay is below that of last year in all provinces but Alberta and British Columbia, while the potato crop is expected to be smaller in all provinces except Prince Edward Island and British Columbia.

Forecasts of average yields in this report are based on returns from the Dominion Bureau of Statistics' corps of crop correspondents reporting on conditions on or about August 15 and on information supplied by the officials responsible for agricultural statistics in the provinces. Estimates of acreages seeded to the various crops are those published in the Bureau's August 9 crop report. Acceptance of 1956 agricultural census data for acreage benchmarks has necessitated revisions in production estimates for that year. The revised estimates of acreage, yield and production for 1956 are included in the tables for comparison. Any necessary revisions for the intercensal period in 1952-55 will be published at a later date.

Note: Excluding Newfoundland for which data are not available.

Prepared in the Crops Section, Agriculture Division

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WHEAT Canada's 1957 wheat crop, currently forecast at 359.7 million bushels will, if realized, be 37 per cent smaller than last year's revised estimate of 573 million and 26 per cent below the ten-year (1947-56) average of 486.6 million. Apart from the rust of 1954 it will, at the present forecast level, be the smallest crop since 1947 when only 338.5 million bushels were harvested. The decrease from 1956 is attributable jointly to a decline of 8 per cent in acreage and a reduction in average yield from 25.2 bushels in 1956 to 17.1 bushels per acre this year.

The 1957 crop of spring wheat, forecast at 340.2 million is being harvested from a seeded area of 20.4 million acres, yielding an indicated 16.6 bushels per acre. The 1956 spring wheat crop was produced on 22.2 million acres yielding an average of 25.0 bushels per acre. The 1957 yield for Ontario's winter wheat crop is placed at 33.0 bushels per acre as compared with 32.0 in 1956. However, a 6 per cent reduction in acreage more than offset the increased yield, and production at 19.5 million bushels is down slightly from last year's 20 million.

In the Prairie Provinces, the 1957 wheat crop is forecast at 338 million bushels, 213 million bushels or 39 per cent below last year's crop of 551 million and 124.1 million or 27 per cent below the ten-year average of 462.1 million. The indicated average yield per seeded acre in the Prairie Provinces, on the basis of conditions at August 15 is 16.6 bushels per acre, with Manitoba averaging 20.3, Saskatchewan 15.2 and Alberta 18.8 bushels per acre. Production in each of these provinces, in millions of bushels, with last year's estimates in brackets is as follows: Manitoba 43 (56); Saskatchewan 203 (355); and Alberta 92 (140). Relatively small amounts of winter wheat are included in these forecasts for the Prairie Provinces.

Durum Wheat The indicated production of durum wheat, which is included in the above forecasts of spring wheat is 41.7 million bushels compared with last year's revised estimate of 39.6 million. Forecasts of 1957 production in the Prairie Provinces in millions of bushels, with last year's revised estimates in brackets, are: Manitoba 1.7 (0.6); Saskatchewan 30.0 (25.6); Alberta 10.0 (13.4); and Prairie Provinces 41.7 (39.6).

Increased production is wholly attributable to a 56 per cent increase in acreage, average yield per acre for the Prairies having declined from 26.0 bushels in 1956 to 17.6 bushels this season. Yields per acre in 1957, with 1956 figures in brackets are: Manitoba 19.1 (20.0); Saskatchewan 16.7 (24.5); Alberta 20.3 (29.9); and Prairie Provinces 17.6 (26.0).

OATS Production of oats in 1957 is forecast at 383.3 million bushels representing a decline of 27 per cent from last year's total of 524.4 million and 2 per cent from the ten-year average of 392.3 million. The reduced crop is due to lower acreage in most provinces and smaller yields in all provinces but Quebec, Ontario and British Columbia. The average yield for the all-Canada oat crop in 1957 is placed at 34.8 bushels per acre as against 44.8 bushels in 1956. It is of interest to note, however, that 1957 average oat yields per acre in Ontario and Quebec at 49.6 and 37.0 bushels per acre respectively, are at record levels. The average yield of 61.3 bushels per acre in British Columbia has been exceeded only by the 1915 figure of 61.8 bushels.

Production in the Prairie Provinces is currently forecast at 240 million bushels compared with 400 million last year and the ten-year average of 270.8 million. This year's crop in Manitoba, Saskatchewan and Alberta is forecast at 58 million, 82 million and 100 million bushels, respectively. Indicated average yields for the Prairie Provinces and for Canada as a whole are 30.7 bushels and 34.8 bushels per acre, respectively, as against 46.2 bushels and 44.8 bushels in 1956.

BARLEY The 1957 barley crop is forecast at 223.4 million bushels, 17 per cent under last year's 269.1 million but 8 per cent above the ten-year average of 207.3 million. Although the area seeded to barley in 1957 was at a next-to-record 9.4 million acres and 12 per cent above last year's level, the indicated average yield this season

is only 23.8 bushels per acre, some 26 per cent below the 1956 average of 32.1 bushels.

Production in the Prairie Provinces is placed at 216 million bushels compared with last year's 262 million and the ten-year average of 197.8 million. The barley crop in each of the Prairie Provinces, in millions of bushels with last year's figures in brackets is as follows: Manitoba 36 (42); Saskatchewan 80 (99); and Alberta 100 (121). It is noted that average yields per acre of barley in Quebec and Ontario at 33.0 and 38.6 bushels are at record levels.

RYE Rye production, forecast at 8.4 million bushels is slightly below last year's outturn of 8.6 million. The crop is less than half the ten-year average of 17.3 million and the smallest since 1945. Some 7.3 million bushels of this year's crop is fall rye averaging 16.5 bushels per acre, while the spring rye crop is forecast at 1.1 million bushels, averaging 10.3 bushels per acre. Production of all rye in the Prairie Provinces is placed at 6.1 million bushels of which 1.2 million is in Manitoba, 3.0 million in Saskatchewan and 1.9 million in Alberta.

FLAXSEED This year's flaxseed crop, currently forecast at 25.7 million bushels will, if realized, represent the third highest outturn on record, being exceeded only by last year's 34.5 million and the 1912 crop of 26.1 million bushels. A crop of the size indicated, while 26 per cent below that of last year, would still be 27 per cent greater than the ten-year average of 13.7 million bushels. The area seeded to flaxseed this year, some 3.5 million acres, is a record but the forecast average yield per acre is the lowest since 1949.

This year's production in the Prairie Provinces is placed at 25.3 million bushels, compared with 34.1 million in 1956 and the ten-year average of 13.1 million. Saskatchewan accounts for 13.9 million bushels of the 1957 crop, while Manitoba and Alberta outturns are forecast at 5.4 million and 6.0 million bushels, respectively.

MIXED GRAINS Canada's 1957 crop of mixed grains, grown mainly in Eastern Canada, is forecast at 60.5 million bushels compared with last year's 66.6 million and the ten-year average of 58.3 million bushels. Both acreage and yield per acre are below last year's levels. Yields per acre were lower in all provinces with the exception of British Columbia and Ontario. Some 41.2 million bushels of this year's total were grown in Ontario where the average yield of 49.0 bushels per acre established a new provincial record.

TAME HAY Production of tame hay is forecast at 18.1 million tons, 8 per cent below last year's outturn and fractionally below the ten-year average. Average yields of hay in both the Maritimes and the Prairie Provinces were well below those of 1956, and were somewhat lower in Quebec and Ontario. British Columbia is the only province with an increase in average hay yield over the 1956 level. Alberta and British Columbia are the only two provinces to register increases in hay production over last year, both of these provinces, and Alberta particularly, having increased hay acreages.

POTATOES The 1957 potato crop, on the basis of conditions at August 15, is forecast at 37.8 million hundredweight, 8 per cent below the 1956 crop of 41.4 million cwt. and 2 per cent below the ten-year average of 38.6 million cwt. The decrease from last year is primarily the result of lower yields, since the estimated acreage for 1957, at 311,000 acres, is only slightly below last year's 312,500 acres. The expected average yield per acre is currently placed at 121.6 cwt. per acre as against 132.3 cwt. in 1956. British Columbia is the only province in which indicated average yields for 1957 exceed those of 1956. Estimated production is lower this year in all provinces with the exception of Prince Edward Island and British Columbia.

Summary of
August Forecast
of Production

Based on conditions on or about August 15, the production of principal grain crops in Canada in 1957 is forecast, in millions of bushels, as follows, with 1956 totals and 1947-56 averages, respectively, within brackets: winter wheat, 19.5 (20.0, 21.3); spring wheat, 340.2 (553.1, 465.3); all wheat, 359.7 (573.1, 486.6); oats for grain, 383.3 (524.4, 392.3); barley, 223.4 (269.1, 207.3); fall rye, 7.3 (5.8, 12.5); spring rye, 1.1 (2.8, 4.9); all rye, 8.4 (8.6, 17.3); and flaxseed, 25.7 (34.5, 13.7). The average yields per acre, in bushels, are forecast as follows, with 1956 and 1947-56 averages, respectively, within brackets: winter wheat, 33.0 (32.0, 31.4); spring wheat, 16.6 (25.0, 19.1); all wheat, 17.1 (25.2, 19.4); oats for grain, 34.8 (44.8, 35.7); barley, 23.8 (32.1, 26.3); fall rye, 16.5 (15.8, 15.1); spring rye, 10.3 (15.4, 13.6); all rye, 15.3 (15.7, 14.9); and flaxseed, 7.4 (11.3, 9.4).

Production of
Grain Crops in the
Prairie Provinces

For the Prairie Provinces the first forecast of grain crops, in millions of bushels, is as follows, with 1956 totals and 1947-56 averages, respectively, within brackets: three provinces — wheat, 338.0 (551.0, 462.1); oats for grain, 240.0 (400.0, 270.8); barley, 216.0 (262.0, 197.8); rye, 6.1 (6.5, 15.4); flaxseed, 25.3 (34.1, 13.1). Manitoba — wheat, 43.0 (56.0, 47.9); oats for grain, 58.0 (92.0, 56.4); barley, 36.0 (42.0, 48.8); rye, 1.2 (1.1, 1.4); flaxseed, 5.4 (8.0, 5.0). Saskatchewan — wheat, 203.0 (355.0, 283.1); oats for grain, 82.0 (165.0, 116.3); barley, 80.0 (99.0, 66.9); rye, 3.0 (4.1, 8.8); flaxseed, 13.9 (19.0, 5.7). Alberta — wheat, 92.0 (140.0, 131.1); oats for grain, 100.0 (143.0, 98.1); barley, 100.0 (121.0, 82.1); rye, 1.9 (1.3, 5.2); flaxseed, 6.0 (7.1, 2.4).

August Forecast of the 1957 Production of Principal Field Crops in Canada,
Compared with Latest Estimates for 1956

Province and Crop	Area		Yield per Acre		Production	
	1956 ^{1/}	1957 ^{2/}	1956 ^{1/}	1957 ^{2/}	1956 ^{1/}	1957 ^{2/}
	- acres -		- bushels -		- bushels -	
<u>CANADA</u>						
Winter wheat	625,000	590,000	32.0	33.0	20,000,000	19,470,000
Spring wheat	22,156,000	20,440,700	25.0	16.6	553,060,000	340,188,000
All wheat	22,781,000	21,030,700	25.2	17.1	573,060,000	359,658,000
Oats for grain	11,706,800	11,017,000	44.8	34.8	524,445,000	383,253,000
Barley	8,370,400	9,403,200	32.1	23.8	269,065,000	223,411,000
Fall rye	368,400	439,500	15.8	16.5	5,834,000	7,271,000
Spring rye	178,900	111,100	15.4	10.3	2,750,000	1,140,000
All rye	547,300	550,600	15.7	15.3	8,584,000	8,411,000
Mixed grains	1,560,500	1,452,200	42.7	41.7	66,608,000	60,507,000
Flaxseed	3,040,800	3,485,600	11.3	7.4	34,463,000	25,652,000
			- cwt. -		- cwt. -	
Potatoes	312,500	311,000	132.3	121.6	41,359,000	37,832,000
			- tons -		- tons -	
Tame hay	10,922,000	11,452,000	1.80	1.58	19,655,000	18,089,000
<u>PRINCE EDWARD ISLAND</u>						
			- bushels -		- bushels -	
Spring wheat	3,100	2,900	27.0	26.0	84,000	75,000
Oats for grain	98,000	93,000	46.0	44.0	4,508,000	4,092,000
Barley	900	1,000	35.0	36.0	32,000	36,000
Mixed grains	57,400	52,000	48.0	45.0	2,755,000	2,340,000
			- cwt. -		- cwt. -	
Potatoes	42,500	45,500	165.0	164.0	7,012,000	7,462,000
			- tons -		- tons -	
Tame hay	205,000	210,000	2.06	1.10	422,000	231,000
<u>NOVA SCOTIA</u>						
			- bushels -		- bushels -	
Spring wheat	800	600	25.0	25.0	20,000	15,000
Oats for grain	43,300	40,300	47.0	45.0	2,035,000	1,814,000
Barley	1,500	1,300	37.0	34.0	56,000	44,000
Mixed grains	9,700	9,900	48.0	45.0	466,000	446,000
			- cwt. -		- cwt. -	
Potatoes	10,200	10,200	141.0	140.0	1,438,000	1,428,000
			- tons -		- tons -	
Tame hay	314,000	314,000	2.20	1.33	691,000	418,000
<u>NEW BRUNSWICK</u>						
			- bushels -		- bushels -	
Spring wheat	2,100	2,500	29.0	26.0	61,000	65,000
Oats for grain	130,000	121,000	50.0	45.0	6,500,000	5,445,000
Barley	4,000	4,100	39.0	37.0	156,000	152,000
Mixed grains	5,400	6,300	47.0	43.0	254,000	271,000
			- cwt. -		- cwt. -	
Potatoes	46,200	46,000	198.0	164.0	9,148,000	7,544,000
			- tons -		- tons -	
Tame hay	399,000	392,000	1.90	1.50	758,000	588,000

^{1/} Revised on the basis of 1956 Census acreage data.

^{2/} As indicated on basis of conditions on or about August 15.

August Forecast of the 1957 Production of Principal Field Crops in Canada,
Compared with Latest Estimates for 1956

Province and Crop	Area		Yield per Acre		Production	
	1956 ^{1/}	1957 ^{2/}	1956 ^{1/}	1957 ^{2/}	1956 ^{1/}	1957 ^{2/}
	- acres -		- bushels -		- bushels -	
QUEBEC						
Spring wheat	15,000	15,000	24.2	24.5	363,000	368,000
Oats for grain	1,258,000	1,258,000	36.8	37.0	46,294,000	46,546,000
Barley	31,600	25,300	30.4	33.0	961,000	835,000
Fall rye	8,200	8,300	22.1	26.0	181,000	216,000
Mixed grains	194,000	190,000	37.4	36.0	7,256,000	6,840,000
Potatoes	99,300	97,900	- cwt. -	- cwt. -	- cwt. -	- cwt. -
			102.0	101.0	10,129,000	9,888,000
Tame hay	3,487,000	3,497,000	- tons -	- tons -	- tons -	- tons -
			1.75	1.57	6,102,000	5,490,000
ONTARIO						
Winter wheat	625,000	590,000	- bushels -	- bushels -	- bushels -	- bushels -
Spring wheat	17,100	15,000	32.0	33.0	20,000,000	19,470,000
All wheat	642,100	605,000	20.9	23.0	357,000	345,000
Oats for grain	1,427,000	1,610,000	31.7	32.8	20,357,000	19,815,000
Barley	105,000	97,000	42.5	49.6	60,648,000	79,856,000
Fall rye	85,600	85,000	35.4	38.6	3,713,000	3,744,000
Mixed grains	984,000	840,000	21.8	24.0	1,865,000	2,040,000
Flaxseed	17,200	12,000	45.0	49.0	44,292,000	41,160,000
Potatoes	53,700	55,000	13.2	14.9	227,000	179,000
			- cwt. -	- cwt. -	- cwt. -	- cwt. -
			123.0	118.0	6,599,000	6,490,000
Tame hay	3,290,000	3,350,000	- tons -	- tons -	- tons -	- tons -
			1.95	1.91	6,416,000	6,398,000
MANITOBA						
Spring wheat	2,199,000	2,114,000	- bushels -	- bushels -	- bushels -	- bushels -
Oats for grain	2,053,000	1,800,000	25.6	20.3	56,000,000	43,000,000
Barley	1,548,000	1,704,000	45.0	32.2	92,000,000	58,000,000
Fall rye	61,400	65,700	26.9	21.1	42,000,000	36,000,000
Spring rye	7,000	7,200	16.3	16.7	1,000,000	1,100,000
All rye	68,400	72,900	14.3	13.9	100,000	100,000
Mixed grains	66,900	72,300	16.1	16.5	1,100,000	1,200,000
Flaxseed	789,000	865,000	35.0	26.3	2,342,000	1,900,000
Potatoes	16,500	15,300	10.1	6.2	8,000,000	5,400,000
			- cwt. -	- cwt. -	- cwt. -	- cwt. -
			111.0	71.0	1,831,000	1,080,000
Tame hay	634,000	722,000	- tons -	- tons -	- tons -	- tons -
			2.00	1.61	1,268,000	1,166,000
SASKATCHEWAN						
Spring wheat	14,569,000	13,365,000	- bushels -	- bushels -	- bushels -	- bushels -
Oats for grain	3,670,000	3,214,000	24.4	15.2	355,000,000	203,000,000
Barley	3,027,000	3,791,000	45.0	25.5	165,000,000	82,000,000
Fall rye	157,000	184,000	32.7	21.1	99,000,000	80,000,000
Spring rye	143,000	84,400	12.4	12.0	1,950,000	2,200,000
All rye	300,000	268,400	15.0	9.5	2,150,000	800,000
Mixed grains	49,400	62,700	13.7	11.2	4,100,000	3,000,000
Flaxseed	1,710,000	2,025,000	34.0	19.1	1,680,000	1,200,000
Potatoes	14,600	14,500	11.1	6.9	19,000,000	13,900,000
			- cwt. -	- cwt. -	- cwt. -	- cwt. -
			83.0	48.0	1,215,000	696,000
Tame hay	647,000	723,000	- tons -	- tons -	- tons -	- tons -
			1.65	0.97	1,068,000	700,000

^{1/} Revised on the basis of 1956 Census acreage data.

^{2/} As indicated on basis of conditions on or about August 15.

August Forecast of the 1957 Production of Principal Field Crops in Canada,
Compared with Latest Estimates for 1956

Province and Crop	Area		Yield per Acre		Production	
	1956 <u>1</u>	1957 <u>2</u>	1956 <u>1</u>	1957 <u>2</u>	1956 <u>1</u>	1957 <u>2</u>
	- acres -		- bushels -		- bushels -	
<u>ALBERTA</u>						
Spring wheat	5,296,000	4,881,000	26.5	18.8	140,000,000	92,000,000
Oats for grain	2,935,000	2,791,000	48.7	35.8	143,000,000	100,000,000
Barley	3,606,000	3,714,000	33.6	26.9	121,000,000	100,000,000
Fall rye	54,700	94,500	14.6	17.6	800,000	1,660,000
Spring rye	28,900	19,500	17.3	12.3	500,000	240,000
All rye	83,600	114,000	15.6	16.7	1,300,000	1,900,000
Mixed grains	189,000	215,000	38.8	28.6	7,333,000	6,150,000
Flaxseed	511,000	572,000	13.9	10.5	7,100,000	6,000,000
			- cwt. -		- cwt. -	
Potatoes	19,500	16,600	114.0	86.0	2,223,000	1,434,000
			- tons -		- tons -	
Tame hay	1,614,000	1,887,000	1.41	1.23	2,276,000	2,327,000
<u>BRITISH COLUMBIA</u>						
			- bushels -		- bushels -	
Spring wheat	53,900	44,700	21.8	29.5	1,175,000	1,320,000
Oats for grain	92,500	89,700	48.2	61.3	4,460,000	5,500,000
Barley	66,400	65,500	32.3	39.7	2,147,000	2,600,000
Fall rye	1,500	2,000	25.0	27.5	38,000	55,000
Mixed grains	4,700	4,000	48.9	50.0	230,000	200,000
Flaxseed	13,600	11,600	10.0	14.9	136,000	173,000
			- cwt. -		- cwt. -	
Potatoes	10,000	10,000	176.0	181.0	1,764,000	1,810,000
			- tons -		- tons -	
Tame hay	332,000	357,000	1.97	2.16	654,000	771,000

1/ Revised on the basis of 1956 Census acreage data.

2/ As indicated on basis of conditions on or about August 15.

August Forecast of the 1957 Production of Principal Field Crops in the
Prairie Provinces, Compared with Latest Estimates for 1956

Crop	Area		Yield per Acre		Production	
	1956 <u>1</u>	1957 <u>2</u>	1956 <u>1</u>	1957 <u>2</u>	1956 <u>1</u>	1957 <u>2</u>
	- acres -		- bushels -		- bushels -	
Wheat	22,064,000	20,360,000	25.0	16.6	551,000,000	338,000,000
Oats	8,658,000	7,805,000	46.2	30.7	400,000,000	240,000,000
Barley	8,181,000	9,209,000	32.0	23.5	262,000,000	216,000,000
Rye	452,000	455,300	14.4	13.4	6,500,000	6,100,000
Flaxseed	3,010,000	3,462,000	11.3	7.3	34,100,000	25,300,000

1/ Revised on the basis of 1956 Census acreage data.

2/ As indicated on basis of conditions on or about August 15.

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