

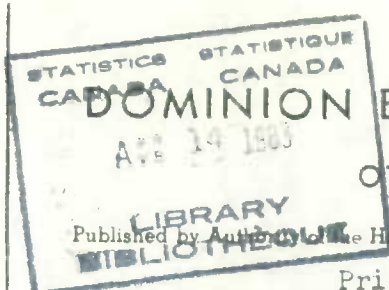
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OTTAWA, CANADA

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Crop Reporting Series - No. 19

AUGUST FORECAST OF PRODUCTION OF PRINCIPAL FIELD CROPS, CANADA, 1962

On the basis of yields indicated at August 15, production of the five major grains this year with 1961 revised totals in brackets, in millions of bushels, is forecast as follows: all wheat, 530.7 (283.4); oats for grain, 472.3 (284.0); barley, 161.7 (112.6); all rye, 12.7, (6.5); and flaxseed, 15.2 (14.3). The outturn of rapeseed is forecast at 328.5 million pounds compared with 561.0 million in 1961 while mustard seed production is forecast at 75.9 million pounds compared with 37.5 million last year.

Realization of the 1962 yield and production forecasts included in this report is dependent on the existence of satisfactory weather conditions throughout the remainder of the growing and harvesting season. By mid-August only a limited acreage of spring-sown cereals had been harvested in the Prairie Provinces and while some progress has been made since that time, showery weather has caused delays in those areas where the crop is ready for combining and retarded maturity in other areas. Harvesting of cereal crops included in this report is well advanced in Ontario, but progress has been behind normal in parts of Quebec and over most of the Maritimes. The cereal crop harvest is also late in the Peace River Block of British Columbia.

Crops got off to a good start in the Prairie Provinces but areas in Eastern Manitoba particularly and some districts of northern Alberta were late being planted because of excessive spring precipitation. In almost all other areas, sub-soil reserves were low and crop development depended more than normal on timely precipitation. Rain, while somewhat spotty, fell at frequent intervals during the growing season, and this, coupled with cool weather, permitted crops to make maximum use of the limited moisture supplies. As a result average wheat yields are forecast at 19.4 bushels compared with the 1961 crop of 10.6 bushels when limited rainfall and hot weather took a heavy toll over wide areas of the Prairies. Average yields of other crops in the Prairies are also markedly improved over 1961.

Early summer drought caused a reduction in first-cut hay crop yields in Ontario, but late July rains were beneficial and most cereal crops included in this report filled well and are expected to return yields ranging from slightly below to above those of 1961. Parts of Quebec and the Maritimes received excessive moisture and cool weather. As a result the harvest is late, but average yields of cereal crops are forecast to be higher than in 1961. Growing conditions in most of British Columbia were generally satisfactory although cool, showery weather during the late summer and fall has delayed harvesting in the Peace River Block. Average yields for the province are expected to be somewhat higher in 1962 than in the year previous.

Note: Excluding Newfoundland for which data are not available.

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Forecasts of yields per seeded acre in this report are based on returns from the Union Bureau of Statistics' corps of crop correspondents, reporting on conditions on about August 15, and on information supplied by officials responsible for agricultural statistics in the provinces. All yields are reported on a field run basis and no allowance made for dockage which varies from year to year and for different crops. Estimates of acreages seeded to the various crops are those published in the Bureau's August 1 report, except for oats in the Prairie Provinces which is now reported as the acreage for harvest grain.

WHEAT Canada's 1962 wheat crop, currently forecast at 530.7 million bushels is 66 per cent larger than last year's crop of 283.4 million. Average yields increased from 10.2 bushels in 1961 to 19.7 bushels per acre this year.

The 1962 crop of spring wheat, forecast at 514.8 million bushels is being harvested from a seeded area of 26.4 million acres, yielding an indicated 19.5 bushels per acre. The 1961 spring wheat crop of 263.4 million bushels was produced on 24.8 million acres yielding an average of 10.6 bushels per acre. The 1962 yield for Ontario's winter wheat crop is placed at 35.3 bushels per acre as compared with 35.6 bushels in 1961. A 20 per cent decrease in acreage combined with a one per cent decrease in yields lowered the production to 15.9 million bushels in 1962 compared with 20.0 million in 1961.

In the Prairie Provinces, the 1962 wheat crop is forecast at 511.0 million bushels, 97 per cent above last year's crop of 260.0 million. The forecasted average yield per seeded acre in the Prairie Provinces, on the basis of conditions at August 15, is 19.4 bushels per acre with Manitoba averaging 26.0, Saskatchewan, 18.1 and Alberta, 19.8 bushels per acre. Production in each of these provinces in millions of bushels, with last year's estimate in brackets, is as follows: Manitoba, a record 81.0 (34.0); Saskatchewan, 315.0 (137.0); and Alberta, 115.0 (89.0). 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 forecast of spring wheat is a record 58.4 million bushels compared with last year's estimate of 14.5 million. Forecasts of 1962 production in each of the Prairie Provinces in millions of bushels, with last year's estimates in brackets are: Manitoba, 3.8 (0.8); Saskatchewan, 48.0 (12.0); and Alberta, 6.6 (1.7). Acreage seeded to this crop was 66 per cent larger than in 1961 and this was coupled with an increase of 135 per cent in yield per acre. Yields per acre in 1962, with 1961 figures in brackets are: Manitoba, 23.6 (9.4); Saskatchewan, 18.4 (7.6); Alberta, 15.5 (9.0) and the Prairie Provinces, 18.3 (7.8).

OATS Production of oats for grain in 1962 is forecast at 472.3 million bushels, representing an increase of 66 per cent from last year's total of 284.0 million. The average yield for the 1962 all Canada oat crop is estimated at 44.9 bushels per acre the second highest on record as against 33.2 bushels in 1961. In all provinces yields are expected to be higher in 1962 than a year earlier.

Production of oats in the Prairie Provinces is currently forecast at 300.0 million bushels in 1962 compared with 129.0 million last year. This year's crop in Manitoba, Saskatchewan and Alberta, with last year's figures in brackets, is forecast at 83.0 (24.0) million, 95.0 (19.0) million and 122.0 (86.0) million bushels, respectively. Indicated average yields for the Prairie Provinces and for Canada as a whole are 42.3 bushels and 44.9 bushels per acre respectively, as against 25.2 and 33.2 bushels per acre in 1961.

BARLEY The 1962 barley crop is forecast at 161.7 million bushels, some 44 per cent larger than last year's 112.6 million.





Barley production in the Prairie Provinces is placed at 154.0 million bushels compared with last year's 106.0 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, 20.0 (9.0); Saskatchewan, 42.0 (20.0); and Alberta, 92.0 (77.0).

RYE Production of rye, forecast at 12.7 million bushels is 95 per cent above last year's outturn of 6.5 million. Some 11.4 million bushels of this year's crop is fall rye which averaged 20.0 bushels per acre, while the spring rye crop is forecast at 1.3 million bushels, averaging 12.9 bushels per acre. Production of all rye in the Prairie Provinces is placed at 11.1 million bushels of which 2.7 million are in Manitoba, 5.0 million in Saskatchewan and 3.4 million in Alberta.

OILSEEDS This year's flaxseed crop, currently forecast at 15.2 million bushels will be some 6 per cent larger than last year's outturn of 14.3 million. Seeded acreage decreased by 32 per cent but average yields at 10.8 bushels per acre are 57 per cent larger than in 1961. This year's production in the Prairie Provinces is placed at 14.9 million bushels compared with 13.9 million in 1961. Manitoba accounts for 7.7 million bushels of the 1962 crop, while Saskatchewan and Alberta each are expected to produce 3.8 and 3.4 million bushels, respectively.

Production of rapeseed is placed at 328.5 million pounds in 1962 compared with 561.0 million pounds the year previous. Acreage seeded to this crop this year decreased 43 per cent from the 1961 level, but average yields at 812 pounds per acre are some 3 per cent above last year's average of 790 pounds. Production of mustard seed is currently forecast at 75.9 million pounds, some 102 per cent larger than last year's outturn of 37.5 million pounds. Average yields of 627 pounds per acre are some 102 per cent higher than the 1961 average of 310 pounds. Acreage seeded to this crop in 1962 by provinces and type are: Manitoba, Yellow 10,000; Saskatchewan, Yellow 7,900, Brown 22,200; Oriental 29,400; and Alberta, Yellow 17,800; Brown 17,300; Oriental, 16,400.

MIXED GRAINS Canada's 1962 crop of mixed grains, grown mainly in eastern Canada, is forecast at 69.6 million bushels compared with last year's 61.3 million. Average yields increased from 39.2 bushels in 1961 to a record 45.7 bushels per acre in 1962. Yields per acre are expected to be higher than a year earlier in all provinces. Some 39.7 million bushels of this year's total crop was grown in Ontario where the average yield of 53.6 bushels per acre is slightly above last year's 53.0 bushels.

TAME HAY Production of tame hay is forecast at 21.4 million tons, 3 per cent above last year's outturn of 20.8 million tons. All the provinces except the Prairie Provinces registered decreases in hay yields and production this year compared with 1961.

POTATOES The 1962 potato crop on the basis of conditions at August 15, is forecast at 40.3 million cwt., 8 per cent below the 1961 crop of 44.0 million cwt. The expected average yield per acre is currently placed at 141.8 cwt. as against 145.0 cwt. in 1961. The indicated production in all provinces for 1962 is lower than that of 1961 except for Manitoba and Saskatchewan.



### Summary of August Forecast of Production

Based on conditions on or about August 15, the production of principal grain crops in Canada in 1962 is forecast, in millions of bushels, as follows, with 1961 totals within brackets: winter wheat, 15.9 (20.0); spring wheat, 514.8 (263.4); all wheat, 530.7 (283.4); oats for grain, 472.3 (284.0); barley, 161.7 (112.6); fall rye, 11.4 (5.9); spring rye, 1.3 (0.6); all rye, (12.7) (6.5); and flaxseed, 15.2 (14.3). The average yields per acre, in bushels, are forecast as follows, with 1961 averages within brackets: winter wheat, 35.3 (35.6); spring wheat, 19.5 (10.6); all wheat, 19.7 (11.2); oats for grain, 44.9 (33.2); barley, 30.6 (20.4); fall rye, 20.0 (12.5); spring rye, 12.9 (6.9); all rye, 19.0 (11.6); and flaxseed, 10.8 (6.9).

### 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 1961 totals within brackets: three provinces - wheat, 511.0 (260.0); oats for grain, 300.0 (129.0); barley, 154.0 (106.0); rye, 11.1 (4.8); flaxseed, 14.9 (13.9). Manitoba - wheat, 81.0 (34.0); oats for grain, 83.0 (24.0); barley, 20.0 (9.0); rye, 2.7 (0.9); flaxseed, 7.7 (4.3). Saskatchewan - wheat, 315.0 (137.0); oats for grain, 95.0 (19.0); barley, 42.0 (20.0); rye, 5.0 (1.6); flaxseed, 3.8 (5.6). Alberta - wheat, 115.0 (89.0); oats for grain, 122.0 (86.0); barley, 92.0 (77.0); rye, 3.4 (2.3); flaxseed, 3.4 (4.0).





August Forecast of the 1962 Production of Principal Field Crops in Canada,  
Compared with Latest Estimates for 1961

Province and Crop	Area		Yield per Acre		Production	
	1961 1/ - acres -	1962	1961 - bushels -	1962 2/ - bushels -	1961 1/ - bushels -	1962 2/ - bushels -
<u>CANADA</u>						
Winter wheat	561,000	450,000	35.6	35.3	19,981,000	15,885,000
Spring wheat 3/	24,755,000	26,442,900	10.6	19.5	263,413,000	514,769,000
All wheat	25,316,000	26,892,900	11.2	19.7	283,394,000	530,654,000
Oats for grain	8,542,700	10,523,100	33.2	44.9	283,965,000	472,278,000
Barley	5,529,000	5,287,100	20.4	30.6	112,640,000	161,737,000
Fall rye	471,600	570,200	12.5	20.0	5,903,000	11,429,000
Spring rye	89,200	97,300	6.9	12.9	616,000	1,260,000
All rye	560,800	667,500	11.6	19.0	6,519,000	12,689,000
Flaxseed	2,075,400	1,414,600	6.9	10.8	14,318,000	15,248,000
Mixed grains	1,565,700	1,521,600	39.2	45.7	61,310,000	69,579,000
Potatoes	303,700	284,100	145.0	141.8	44,031,000	40,295,000
Rapeseed	710,300	404,500	790	812	561,000,000	328,500,000
Tame hay	12,229,000	12,370,000	1.70	1.73	20,813,000	21,355,000
<u>PRINCE EDWARD ISLAND</u>						
Spring wheat	4,100	4,600	27.8	30.4	114,000	140,000
Oats for grain	97,700	97,000	46.3	51.5	4,524,000	5,000,000
Barley	1,200	6,000	37.1	41.3	45,000	248,000
Mixed grains	52,100	51,000	48.9	52.4	2,548,000	2,670,000
Potatoes	46,200	39,000	165.0	161.5	7,623,000	6,300,000
Tame hay	179,000	180,000	1.85	1.43	331,000	258,000
<u>NOVA SCOTIA</u>						
Spring wheat	1,400	1,200	30.0	33.3	42,000	40,000
Oats for grain	37,500	37,000	42.1	48.6	1,579,000	1,800,000
Barley	1,100	1,400	37.0	39.3	41,000	55,000
Mixed grains	8,500	8,000	42.0	47.1	357,000	377,000
Potatoes	8,100	6,800	130.0	128.2	1,053,000	872,000
Tame hay	234,000	228,000	2.19	2.04	512,000	466,000
<u>NEW BRUNSWICK</u>						
Spring wheat	2,500	2,600	25.0	29.6	62,000	77,000
Oats for grain	104,000	102,000	39.2	47.1	4,077,000	4,800,000
Barley	3,200	3,300	32.9	39.1	105,000	129,000
Mixed grains	6,600	6,700	40.4	48.5	267,000	325,000
Potatoes	54,200	50,000	187.5	178.0	10,162,000	8,900,000
Tame hay	287,000	282,000	1.90	1.84	545,000	520,000



August Forecast of the 1962 Production of Principal Field Crops in Canada,  
Compared with Latest Estimates for 1961

Province and Crop	Area		Yield per Acre		Production	
	1961 1/	1962	1961	1962 2/	1961 1/	1962 2/
	- acres -		- bushels -		- bushels -	
<b>QUEBEC</b>						
Spring wheat	10,600	10,000	23.6	26.2	250,000	252,000
Barley	1,299,000	1,267,000	38.8	43.1	50,401,000	54,608,000
Oats for grain	21,200	19,000	35.0	40.0	742,000	760,000
Alfalfa	4,000	3,600	21.4	23.8	86,000	86,000
Other grains	109,000	96,000	39.6	44.2	4,316,000	4,243,000
Potatoes	80,300	71,600	- cwt. -	- cwt. -	- cwt. -	- cwt. -
Hay	3,312,000	3,344,000	118.5	122.2	9,516,000	8,750,000
<b>ONTARIO</b>						
Winter wheat	561,000	450,000	- tons -	- tons -	- tons -	- tons -
Spring wheat	20,100	18,000	1.84	1.80	6,094,000	6,019,000
Alfalfa	581,100	468,000	- bushels -	- bushels -	- bushels -	- bushels -
Oats for grain	1,794,000	1,848,000	35.6	35.3	19,981,000	15,885,000
Barley	77,900	80,500	23.2	25.0	466,000	450,000
Alfalfa	62,100	63,000	35.2	34.9	20,447,000	16,335,000
Flaxseed	21,300	21,400	50.1	54.8	89,879,000	101,270,000
Other grains	718,000	740,000	42.9	42.8	3,342,000	3,445,000
Potatoes	51,500	49,900	24.8	23.5	1,540,000	1,480,000
Hay	3,281,000	3,249,000	17.9	15.0	381,000	321,000
<b>MANITOBA</b>						
Spring wheat 3/	2,914,000	3,118,000	53.0	53.6	38,034,000	39,664,000
Oats for grain	1,300,000 4/	1,816,000 4/	- cwt. -	- cwt. -	- cwt. -	- cwt. -
Barley	655,000	629,000	190.7	174.0	9,819,000	8,683,000
Alfalfa	77,500	108,000	- tons -	- tons -	- tons -	- tons -
Spring rye	2,000	3,000	2.34	1.85	7,679,000	6,011,000
Alfalfa	79,500	111,000	- bushels -	- bushels -	- bushels -	- bushels -
Flaxseed	748,000	703,000	11.7	26.0	3,000,000	81,000,000
Other grains	157,000	124,000	18.5	45.7	24,000,000	83,000,000
Potatoes	18,300	21,000	13.7	31.8	9,000,000	20,000,000
Pease	29,300	25,500	11.2	24.1	870,000	2,600,000
Hay	1,004,000	1,045,000	8.0	20.0	16,000	60,000
<b>SASKATCHEWAN</b>						
Spring wheat 3/	16,082,000	17,388,000	11.1	24.0	886,000	2,660,000
Oats for grain	1,492,000 4/	2,622,000 4/	5.7	11.0	4,300,000	7,700,000
Barley	1,839,000	1,629,000	18.2	37.1	2,857,000	4,600,000
Alfalfa	177,000	215,000	- cwt. -	- cwt. -	- cwt. -	- cwt. -
Spring rye	61,900	64,100	37.7	95.2	690,000	2,000,000
Alfalfa	238,900	279,100	- pounds -	- pounds -	- pounds -	- pounds -
Flaxseed	941,000	389,000	614	922	18,000,000	23,500,000
Other grains	136,000	125,000	- tons -	- tons -	- tons -	- tons -
Potatoes	11,900	13,000	0.90	1.91	904,000	2,000,000
Pease	374,000	167,000	- bushels -	- bushels -	- bushels -	- bushels -
Hay	1,052,000	1,020,000	8.5	18.1	137,000,000	315,000,000
			12.7	36.2	19,000,000	95,000,000
			10.9	25.8	20,000,000	42,000,000
			7.1	19.5	1,250,000	4,200,000
			6.5	12.5	400,000	800,000
			6.9	17.9	1,650,000	5,000,000
			6.0	9.8	5,600,000	3,800,000
			10.8	28.0	1,469,000	3,500,000
			- cwt. -	- cwt. -	- cwt. -	- cwt. -
			30.0	62.3	357,000	810,000
			- pounds -	- pounds -	- pounds -	- pounds -
			749	750	280,000,000	125,000,000
			- tons -	- tons -	- tons -	- tons -
			0.66	1.42	694,000	1,450,000



August Forecast of the 1962 Production of Principal Field Crops in Canada,  
Compared with Latest Estimates for 1961

Province and Crop	Area		Yield per Acre		Production	
	1961 1/	1962	1961	1962 2/	1961 1/	1962 2/
	- acres -		- bushels -		- bushels -	
<u>ALBERTA</u>						
Spring wheat 3/	5,633,000	5,807,000	15.8	19.8	89,000,000	115,000,000
Oats for grain	2,330,000 4/	2,648,000 4/	36.9	46.1	86,000,000	122,000,000
Barley	2,867,000	2,839,000	26.9	32.4	77,000,000	92,000,000
Fall rye	149,000	179,000	14.1	16.8	2,100,000	3,000,000
Spring rye	25,300	30,200	7.9	13.2	200,000	400,000
All rye	174,300	209,200	13.2	16.3	2,300,000	3,400,000
Flaxseed	362,000	299,000	11.0	11.4	4,000,000	3,400,000
Mixed grains	374,000	367,000	30.1	38.1	11,257,000	14,000,000
			- cwt. -		- cwt. -	
Potatoes	20,900	22,000	121.8	95.5	2,545,000	2,100,000
			- pounds -		- pounds -	
Rapeseed	307,000	212,000	857	849	263,000,000	180,000,000
			- tons -		- tons -	
Tame hay	2,477,000	2,626,000	1.28	1.45	3,171,000	3,800,000
			- bushels -		- bushels -	
<u>BRITISH COLUMBIA</u>						
Spring wheat	87,300	93,500	28.4	29.9	2,479,000	2,800,000
Oats for grain	88,500	88,100	50.9	54.5	4,505,000	4,800,000
Barley	63,400	79,900	37.3	38.8	2,365,000	3,100,000
Fall rye	2,000	1,600	28.5	39.4	57,000	63,000
Flaxseed	3,100	2,200	11.8	12.3	37,000	27,000
Mixed grains	4,500	3,900	45.5	51.3	205,000	200,000
			- cwt. -		- cwt. -	
Potatoes	12,300	10,800	184.2	174.1	2,266,000	1,880,000
			- tons -		- tons -	
Tame hay	403,000	396,000	2.19	2.10	883,000	831,000

August Forecast of the 1962 Production of Principal Field Crops in the  
Prairie Provinces, Compared with Latest Estimates for 1961

Crop	Area		Yield per Acre		Production	
	1961 1/	1962	1961	1962 2/	1961 1/	1962 2/
	- acres -		- bushels -		- bushels -	
Wheat	24,629,000	26,313,000	10.6	19.4	260,000,000	511,000,000
Oats	5,122,000 4/	7,084,000 4/	25.2	42.3	129,000,000	300,000,000
Barley	5,361,000	5,097,000	19.8	30.2	106,000,000	154,000,000
Rye	492,700	599,300	9.8	18.5	4,836,000	11,060,000
Flaxseed	2,051,000	1,391,000	6.8	10.7	13,900,000	14,900,000

1/ Revised on the basis of 1961 Census acreage data.

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

3/ Includes durum wheat.

4/ Estimated area for harvest as oats.





August Forecast of the 1962 Production of Specified Crops in the Prairie Provinces  
Compared with Latest Estimate for 1961

Province	Area		Yield per Acre		Production	
	1961 1/	1962	1961	1962 2/	1961 1/	1962 2/
	- acres -		- bushels -		- bushels -	
<u>DURUM WHEAT</u>						
Manitoba	85,000	161,000	9.4	23.6	800,000	3,800,000
Saskatchewan	1,578,000	2,613,000	7.6	18.4	12,000,000	48,000,000
Alberta	189,000	425,000	9.0	15.5	1,700,000	6,600,000
Total	1,852,000	3,199,000	7.8	18.3	14,500,000	58,400,000

<u>MUSTARD SEED</u>						
			- pounds -		- pounds -	
Manitoba	10,800	10,000	383	790	4,100,000	7,900,000
Saskatchewan	40,800	59,500	420	672	17,100,000	40,000,000
Alberta	69,200	51,500	235	544	16,300,000	28,000,000
Total	120,800	121,000	310	627	37,500,000	75,900,000

1/ Revised on the basis of 1961 Census acreage data.

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

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