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## Field Crop Reporting Series — No. 17

### AUGUST FORECAST OF PRODUCTION OF PRINCIPAL FIELD CROPS, CANADA, 1972

On the basis of yields indicated at August 15, production of the major cereals and oilseed crops this year with 1971 totals in brackets, in millions of bushels is forecast as follows: all wheat, 507.5 (529.6); oats for grain, 292.8 (363.5); barley, 497.7 (601.6); all rye, 13.1 (21.9); flaxseed, 18.3 (22.4) and rapeseed 59.5 (95.0).

Although crops throughout the Prairie Provinces in general are a week to two weeks behind normal, hot, dry weather the past two weeks has hastened maturity. During the growing season crop prospects varied with weather conditions. In some districts earlier dry weather threatened yields but lower temperatures at the time followed by rain later on prevented any widespread losses. However to the third week in August rainfall (measured by the unweighted average precipitation since April 1) was somewhat below normal in each province. Harvesting of spring-sown grains is now general in practically all districts of the Prairies.

Warm dry weather this past week has permitted harvesting to progress throughout most of Ontario following a cool summer with excessive moisture. Cool, wet weather has continued in Quebec making harvesting practically impossible. Cool, showery weather is delaying maturity of crops in the Maritimes. Weather conditions have been quite variable in British Columbia.

Forecasts of average yields per seeded acre in this report are based on returns from Statistics Canada's corps of crop correspondents, reporting on conditions on or 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

Note: Excluding Newfoundland for which data are not available.

Agriculture Division  
Crops Section

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allowance is 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 July 28, crop report with the exception of oats in the Prairie Provinces. This report contains estimates of area of oats to be harvested for grain. Based on the 1971 Census acreage, revised estimates of production for 1971 are included in this report.

Wheat. — Canada's 1972 wheat crop, currently forecast at 507.5 million bushels is 4 per cent smaller than last year's crop of 529.6 million. Average yields decreased from 27.3 bushels in 1971 to 23.8 bushels per acre this year.

The 1972 crop of spring wheat, forecast at 492.5 million bushels is being harvested from a seeded area of 21.0 million acres and yielding an indicated 23.5 bushels per acre. The 1971 spring wheat crop of 515.5 million bushels was produced on 19.1 million acres and yielded an average of 27.0 bushels per acre. The 1972 yield for Ontario's winter wheat crop is placed at 41.0 bushels per acre compared with 41.3 bushels in 1971. A 7 per cent increase in harvested acreage raised the production to 15.0 million bushels in 1972 compared with 14.1 million in 1971.

In the Prairie Provinces, the 1972 wheat crop is forecast at 487.0 million bushels, some 5 per cent below last year's crop of 510.0 million. The forecast average yield per seeded acre in the Prairie Provinces, on the basis of conditions at August 15, is 23.4 bushels per acre, with the Manitoba average 26.5; Saskatchewan, 22.2 and Alberta, 25.6 bushels per acre. Production in each of these provinces in millions of bushels, with last year's estimate in brackets, is as follows: Manitoba, 69.0 (74.0); Saskatchewan, 308.0 (345.0); and Alberta, 110.0 (91.0). 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 68.0 million bushels compared with last year's estimate of 56.0 million. Forecasts of 1972 production in each of the Prairie Provinces in millions of bushels, with last year's estimates in brackets are: Manitoba, 4.0 (3.8); Saskatchewan, 57.0 (46.3); and Alberta, 7.0 (5.9). The acreage seeded to this crop was 39 per cent larger than in 1971. Yields per acre in 1972 with 1971 figures in brackets are: Manitoba, 25.0 (27.0); Saskatchewan, 21.1 (24.5); Alberta, 23.3 (24.4) and the Prairie Provinces, 21.5 (24.6).

Oats for Grain. — Production of oats in 1972 which is forecast at 292.8 million bushels, represents a decrease of 19 per cent from last year's total of 363.5 million. The average yield for the 1972 Canada oat crop is estimated at 48.0 bushels per acre compared with last year's 53.2 bushels. Production of oats in the Prairie Provinces is currently forecast at 223.0 million bushels in 1972 compared with 288.0 million last year. This year's crop in Manitoba, Saskatchewan and Alberta is forecast at 53.0 million, 75.0 million and 95.0 million bushels, respectively. Indicated average yields for the Prairie Provinces are 48.3 bushels per acre as against 54.2 bushels per acre in 1971. The percentages of the total oats acreage harvested or to be harvested for grain in each of the Prairie Provinces with last year's figures in brackets, are estimated as follows: Manitoba, 92 (95); Saskatchewan, 80 (82); Alberta, 76 (80); and the Prairie Provinces, 81 (84).

Barley. — The 1972 barley crop is forecast at 497.7 million bushels, some 17 per cent lower than last year's record outturn of 601.6 million bushels. The average yield for the 1972 barley crop is estimated at 39.8 bushels per acre compared with the record high of 43.0 bushels in 1971.



Barley production in the Prairie Provinces is placed at 468.0 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, 82.0 (94.0); Saskatchewan 166.0 (252.0); and Alberta, 220.0 (224.0).

Rye. — Production of rye, forecast at 13.1 million bushels is 40 per cent below last year's outturn of 21.9 million. Some 12.4 million bushels of this year's crop is fall rye which averaged 20.9 bushels per acre, while the spring rye crop is forecast at 0.7 million bushels, averaging 17.8 bushels per acre. Production of all rye in the Prairie Provinces is placed at 11.6 million bushels of which 1.8 million are in Manitoba, 4.8 in Saskatchewan and 5.0 in Alberta.

Oilseeds.— This year's flaxseed crop currently forecast at 18.3 million bushels will be some 18 per cent lower than last year's outturn of 22.4 million. Seeded acreage decreased by 20 per cent but average yields at 12.9 bushels per acre are 2 per cent up from 1971. This year's production in the Prairie Provinces is placed at 18.3 million bushels compared with 22.3 million in 1971. Manitoba accounts for 6.5 million bushels of the 1972 crop, while Saskatchewan and Alberta are expected to produce 9.2 and 2.6 million bushels, respectively. Production of rapeseed is placed at 59.5 million bushels in 1972 as compared with 95.0 million bushels produced in 1971. Acreage seeded this year decreased 38 per cent from the 1971 level but average yields at 18.2 bushels per acre are some 2 per cent above last year's average of 17.9 bushels.

Mixed Grains. — Canada's 1972 crop of mixed grains is forecast at 104.5 million bushels compared with last year's 107.1 million. Average yields decreased from 52.1 bushels in 1971 to 50.6 bushels per acre in 1972. Some 53.4 million bushels of this year's total crop were grown in Ontario.

Tame Hay. — Production of tame hay is forecast at 22.1 million tons, 11 per cent below last year's outturn of 24.7 million tons. All provinces except Alberta registered decreases in hay yields and production this year compared with 1971.

Potatoes. — The 1972 potato crop on the basis of conditions at August 15, is forecast at 39.3 million cwt., 21 per cent below the 1971 crop of 49.5 million cwt. The 1971 and 1972 acreage data and the 1972 yield and production estimates refer to potatoes grown mainly for sale. Previously reference was to all potatoes so that the 1971 and 1972 production figures are not strictly comparable. The expected average yield per acre for the 1972 crop is currently forecast at 162.3 cwt. It should be noted that final yields can differ considerably from the early forecast depending on how the potatoes size during the latter part of August and September.

August Forecast of the 1972 Production of Principal Field Crops in Canada,  
Compared with Latest Estimates for 1971

Province and crop	Area		Yield per acre		Production	
	1971(1)	1972	1971	1972(2)	1971(1)	1972(2)
	acres				bushels	
<u>CANADA</u>						
Winter wheat ....	341,000	365,000	41.3	41.0	14,083,000	14,965,000
Spring wheat(3) .	19,065,700	20,984,700	27.0	23.5	515,469,000	492,487,000
All wheat .....	19,406,700	21,349,700	27.3	23.8	529,552,000	507,452,000
Oats for grain ..	6,830,900	6,099,000	53.2	48.0	363,479,000	292,761,000
Barley .....	13,980,500	12,510,900 <sup>r</sup>	43.0	39.8	601,628,000	497,711,000
Fall rye .....	906,300	593,000	23.2	20.9	21,005,000	12,382,000
Spring rye .....	50,700	41,500	17.9	17.8	910,000	738,000
All rye .....	957,000	634,500	22.9	20.7	21,915,000	13,120,000
Flaxseed .....	1,767,500	1,421,000(5)	12.7	12.9	22,384,000	18,326,000
Mixed grains ....	2,054,800	2,064,900	52.1	50.6	107,078,000	104,495,000
Rapeseed .....	5,306,000	3,270,000	17.9	18.2	95,000,000	59,500,000
Potatoes(4) .....	268,500	242,000 <sup>r</sup>	184.2	162.3	49,456,000	39,272,000
					tons	
Tame hay .....	12,354,000	12,859,000	2.00	1.72	24,732,000	22,135,000
<u>PRINCE EDWARD ISLAND</u>						
					bushels	
Spring wheat ....	6,600	7,000	37.8	43.0	249,000	301,000
Oats for grain ..	50,300	49,000	48.8	62.8	2,455,000	3,077,000
Barley .....	32,100	25,000	38.5	55.1	1,236,000	1,378,000
Mixed grains ....	71,400	67,000	47.4	62.9	3,384,000	4,214,000
					cwt.	
Potatoes .....	46,800	39,000	213.2	186.5	9,978,000	7,274,000
					tons	
Tame hay .....	128,000	127,000	2.10	1.53	269,000	194,000
<u>NOVA SCOTIA</u>						
					bushels	
Spring wheat ....	4,900	3,700	38.1	43.0	187,000	159,000
Oats for grain ..	17,800	17,000	41.5	51.3	739,000	872,000
Barley .....	8,700	7,500 <sup>r</sup>	37.6	46.3	327,000	347,000
Mixed grains ....	8,500	7,300	43.0	51.8	366,000	378,000
					cwt.	
Potatoes .....	3,500	3,500	160.0	164.8	560,000	577,000
					tons	
Tame hay .....	153,000	150,000	2.20	1.80	337,000	270,000
<u>NEW BRUNSWICK</u>						
					bushels	
Spring wheat ....	6,200	5,000	34.8	36.4	216,000	182,000
Oats for grain ..	51,200	45,000	45.1	48.2	2,309,000	2,169,000
Barley .....	7,600	9,400	39.5	43.8	300,000	412,000
Mixed grains ....	8,900	7,100	46.1	51.3	410,000	364,000
					cwt.	
Potatoes .....	59,400	51,000	235.2	185.4	13,971,000	9,455,000
					tons	
Tame hay .....	164,000	162,000	2.00	1.67	328,000	271,000

For footnotes see page 7.

August Forecast of the 1972 Production of Principal Field Crops in Canada,  
Compared with Latest Estimates for 1971 - Continued

Province and crop	Area		Yield per acre		Production	
	1971(1)	1972	1971	1972(2)	1971(1)	1972(2)
	acres				bushels	
QUEBEC						
Spring and						
Winter wheat ....	39,100	41,000	27.4	23.2	1,071,000	951,000
Oats for grain ..	695,000	680,000	42.6	37.6	29,607,000	25,568,000
Barley .....	38,100	42,000	40.2	36.1	1,532,000	1,516,000
Fall rye(6) .....	2,000	2,000	22.3	21.0	45,000	42,000
Flaxseed .....	4,200	3,500	15.1	N/A	63,000	N/A
Mixed grains ....	123,000	126,000	42.7	39.2	5,252,000	4,939,000
					cwt.	
Potatoes .....	47,500	46,000	135.0	99.0	6,412,000	4,554,000
					tons	
Tame hay .....	2,699,000	2,650,000	2.07	1.51	5,587,000	4,002,000
					bushels	
ONTARIO						
Winter wheat ....	341,000	365,000	41.3	41.0	14,083,000	14,965,000
Spring wheat ....	14,900	13,000	29.0	38.0	432,000	494,000
All wheat .....	355,900	378,000	40.8	40.9	14,515,000	15,459,000
Oats for grain ..	612,000	625,000	57.5	55.0	35,190,000	34,375,000
Barley .....	386,000	377,000	54.0	54.0	20,844,000	20,358,000
Fall rye .....	47,900	50,000	27.0	29.0	1,293,000	1,450,000
Flaxseed .....	1,300	1,000	16.0	26.0	21,000	26,000
Mixed grains ....	928,000	890,000	61.0	60.0	56,608,000	53,400,000
					cwt.	
Potatoes .....	40,100	43,000	198.8	187.5	7,972,000	8,062,000
					tons	
Tame hay .....	2,707,000	2,700,000	2.42	2.24	6,551,000	6,048,000
					bushels	
MANITOBA						
Spring wheat(3) .	2,519,000	2,600,000	29.4	26.5	74,000,000	69,000,000
Oats for						
grain(7) .....	1,395,000	1,100,000	54.5	48.2	76,000,000	53,000,000
Barley .....	2,052,000	2,100,000	45.8	39.0	94,000,000	82,000,000
Fall rye .....	127,000	80,000	25.6	21.9	3,250,000	1,750,000
Spring rye .....	1,500	1,500	20.0	18.7	30,000	28,000
All rye .....	128,500	81,500	25.5	21.8	3,280,000	1,778,000
Flaxseed .....	566,000	550,000	10.4	11.8	5,900,000	6,500,000
Mixed grains ....	284,000	290,000	47.5	41.4	13,500,000	12,000,000
Rapeseed .....	581,000	470,000	20.7	19.1	12,000,000	9,000,000
					cwt.	
Potatoes .....	32,700	22,000	125.4	113.6	4,100,000	2,500,000
					tons	
Tame hay .....	1,084,000	1,200,000	1.94	1.42	2,100,000	1,700,000

For footnotes see page 7.



August Forecast of the 1972 Production of Principal Field Crops in Canada,  
Compared with Latest Estimates for 1971 — Continued

Province and crop	Area		Yield per acre		Production	
	1971(1)	1972	1971	1972(2)	1971(1)	1972(2)
	acres				bushels	
SASKATCHEWAN						
Spring wheat(3) .	12,923,000	13,900,000	26.7	22.2	345,000,000	308,000,000
Oats for						
grain(7) .....	1,966,000	1,690,000	56.5	44.4	111,000,000	75,000,000
Barley .....	5,571,000	4,600,000	45.2	36.1	252,000,000	166,000,000
Fall rye .....	502,000	260,000	21.5	17.3	10,800,000	4,500,000
Spring rye .....	25,600	20,000	17.2	15.5	440,000	310,000
All rye .....	527,600	280,000	21.3	17.2	11,240,000	4,810,000
Flaxseed .....	925,000	700,000	13.9	13.1	12,900,000	9,200,000
Mixed grains ....	205,000	220,000	44.9	35.5	9,200,000	7,800,000
Rapeseed .....	2,737,000	1,500,000	18.6	17.3	51,000,000	26,000,000
					cwt.	
Potatoes .....	3,300	3,000	100.0	216.7	330,000	650,000
					tons	
Tame hay .....	1,646,000	1,800,000	1.52	1.33	2,500,000	2,400,000
					bushels	
ALBERTA						
Spring wheat(3) .	3,443,000	4,300,000	26.4	25.6	91,000,000	110,000,000
Oats for						
grain(7) .....	1,954,000	1,830,000	51.7	51.9	101,000,000	95,000,000
Barley .....	5,689,000	5,200,000	39.4	42.3	224,000,000	220,000,000
Fall rye .....	226,000	200,000	24.6	23.0	5,560,000	4,600,000
Spring rye .....	23,600	20,000	18.6	20.0	440,000	400,000
All rye .....	249,600	220,000	24.0	22.7	6,000,000	5,000,000
Flaxseed .....	271,000	170,000	12.9	15.3	3,500,000	2,600,000
Mixed grains ....	419,000	450,000	43.0	46.7	18,000,000	21,000,000
Rapeseed .....	1,988,000	1,300,000	16.1	18.8	32,000,000	24,500,000
					cwt.	
Potatoes .....	26,100	23,000 <sup>r</sup>	153.3	160.9	4,000,000	3,700,000
					tons	
Tame hay .....	3,260,000	3,500,000	1.69	1.69	5,500,000	5,900,000
					bushels	
BRITISH COLUMBIA						
Spring wheat ....	109,000	115,000	30.4	29.6	3,314,000	3,400,000
Oats for grain ..	89,600	63,000	57.8	58.7	5,179,000	3,700,000
Barley .....	196,000	150,000	37.7	38.0	7,389,000	5,700,000
Fall rye .....	1,400	1,000	40.6	40.0	57,000	40,000
Mixed grains ....	7,000	7,500	51.2	53.3	358,000	400,000
					cwt.	
Potatoes .....	9,100	11,500	234.4	217.4	2,133,000	2,500,000
					tons	
Tame hay .....	513,000	570,000	3.04	2.37	1,560,000	1,350,000

For footnotes see page 7.

August Forecast of the 1972 Production of Principal Field Crops in the  
Prairie Provinces, Compared with Latest Estimates for 1971

Crop	Area		Yield per acre		Production	
	1971(1)	1972	1971	1972(2)	1971(1)	1972(2)
	acres				bushels	
Wheat(3).....	18,885,000	20,800,000	27.0	23.4	510,000,000	487,000,000
Oats for grain(7)	5,315,000	4,620,000	54.2	48.3	288,000,000	223,000,000
Barley .....	13,312,000	11,900,000	42.8	39.3	570,000,000	468,000,000
Rye .....	905,700	581,500	22.7	19.9	20,520,000	11,588,000
Flaxseed .....	1,762,000	1,420,000	12.7	12.9	22,300,000	18,300,000
Rapeseed .....	5,306,000	3,270,000	17.9	18.2	95,000,000	59,500,000

August Forecast of the 1972 Production of Durum Wheat in the Prairie Provinces  
Compared with Latest Estimate for 1971

Province	Area		Yield per acre		Production	
	1971(1)	1972	1971	1972(2)	1971(1)	1972(2)
	acres				bushels	
Manitoba .....	141,000	160,000	27.0	25.0	3,800,000	4,000,000
Saskatchewan.....	1,889,000	2,700,000	24.5	21.1	46,300,000	57,000,000
Alberta .....	242,000	300,000	24.4	23.3	5,900,000	7,000,000
Total .....	2,272,000	3,160,000	24.6	21.5	56,000,000	68,000,000

(1) Revised on the basis of 1971 Census acreage data.

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

(3) Includes durum wheat.

(4) Both 1971 and 1972 all acreage figures refer only to potatoes grown mainly for sale. The 1972 yield and production estimates also refer to the commercial crop only and are thus not strictly comparable to data for previous seasons when non-commercial acreage was also included.

(5) Does not include 3,500 acres of flaxseed in Quebec.

(6) Includes small quantities of spring rye.

(7) Estimated areas for harvest as oats.

<sup>r</sup> Revised figures.



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August Forecast, in Metric Tons, of the 1972 Production of Principal  
Field Crops in Canada, Compared with Latest Estimates for 1971

Province and Crop	1971(1)		1972(2)	
	bushels	metric tons	bushels	metric tons
<u>CANADA</u>				
Winter wheat .....	14,083,000	383,300	14,965,000	407,300
Spring wheat(3) .....	515,469,000	14,029,000	492,487,000	13,403,500
All wheat .....	529,552,000	14,412,300	507,452,000	13,810,800
Oats for grain .....	363,479,000	5,605,600	292,761,000	4,515,000
Barley .....	601,628,000	13,099,200	497,711,000	10,836,700
Fall rye .....	21,005,000	533,500	12,382,000	314,500
Spring rye .....	910,000	23,100	738,000	18,700
All rye .....	21,915,000	556,600	13,120,000	333,200
Flaxseed .....	22,384,000	568,600	18,326,000	465,500
Mixed grains .....	107,078,000	2,185,700	104,495,000	2,133,000
Rapeseed .....	95,000,000	2,154,600	59,500,000	1,349,500
	cwt.		cwt.	
Potatoes(4) .....	49,456,000	2,243,300	39,272,000	1,781,400
	tons		tons	
Tame hay .....	24,732,000	22,436,600	22,135,000	20,080,700
	bushels		bushels	
<u>PRAIRIE PROVINCES</u>				
Wheat(3) .....	510,000,000	13,880,200	487,000,000	13,254,200
Durum wheat .....	56,000,000	1,524,100	68,000,000	1,850,700
Oats for grain(7) .....	288,000,000	4,441,500	223,000,000	3,439,100
Barley .....	570,000,000	12,410,600	468,000,000	10,189,800
Rye .....	20,520,000	521,200	11,588,000	294,300
Flaxseed .....	22,300,000	566,400	18,300,000	464,800
Rapeseed .....	95,000,000	2,154,600	59,500,000	1,349,500

For footnotes see page 7.