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AUGUST FORECAST OF PRODUCTION OF PRINCIPAL FIELD CROPS, CANADA, 1971

On the basis of yields indicated at August 15, production of the major cereals and oilseed crops this year, with 1970 totals and the ten-year (1960-69) averages, respectively, in brackets, in millions of bushels is forecast as follows: all wheat, 507.4(331.5, 609.5); oats for grain, 361.2 (367.8, 378.1); barley, 642.7 (415.7, 233.4); all rye, 24.6(22.4, 13.2) and flaxseed 27.0 (48.9, 20.2). The outturn of rapeseed is forecast at 104.6 million bushels compared with the revised 72.2 million in 1970 and the ten-year (1960-69) average of 17.6 million bushels.

Dry weather and higher temperatures in the Prairie Provinces about mid-August hastened crop maturity. Earlier, especially in Manitoba and eastern Saskatchewan conditions had been wet and cool in some areas. As a result of the recent favourable weather harvesting operations were becoming general shortly after August 15, and favourable progress was reported.

Warm weather for most of August provided ideal grain harvesting conditions in Western Ontario although parts of the southwest suffered drought. Most of Quebec experienced favourable crop conditions but in the Maritimes the weather was wet. British Columbia received needed rains in August after a hot, dry period the previous month.

Note: Excluding Newfoundland for which data are not available.

Crops Section
Agriculture Division

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Forecasts of average yields per seeded acre in this report are based on returns from Statistics' Canada 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 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 30 crop report with the exception of oats in the Prairie Provinces. This report contains estimates of the area of oats to be harvested for grain.

Wheat. — Canada's 1971 wheat crop, currently forecast at 507.4 million bushels is 53 per cent larger than last year's 331.5 million, but 17 per cent below the ten-year (1960-69) average of 609.5 million. The higher production results mainly from a 56 per cent increase in this year's seeded acreage in the Prairie Provinces. The average yield decreased slightly from 26.6 bushels in 1970 to 26.4 bushels per acre this year, but is well above the 1960-69 average of 22.0 bushels per acre.

The 1971 crop of spring wheat, forecast at 493.9 million bushels is being harvested from a seeded area of 18.9 million acres and yielding an indicated 26.1 bushels per acre. The 1970 spring wheat crop of 315.9 million bushels was produced on 12.1 million acres and yielded an average of 26.0 bushels per acre. The 1971 yield for Ontario's winter wheat crop is placed at 40.0 bushels per acre as compared with 43.9 bushels in 1970. With a 5 per cent decrease in acreage this year's production at 13.6 million bushels is below the 15.6 million in 1970.

In the Prairie Provinces, the 1971 wheat crop is forecast at 488.0 million bushels some 56 per cent above last year's crop of 312.5 million but 17 per cent below the ten-year average of 589.2 million. The forecasted average yield per seeded acre in the Prairie Provinces, on the basis of conditions at August 15, is 26.1 bushels per acre, with the Manitoba average 27.9 Saskatchewan 25.9 and Alberta 25.7 bushels per acre. Production in each of these provinces in millions of bushels, with last year's estimate in brackets, is as follows: Manitoba, 67.0 (30.5) Saskatchewan, 331.0 (210.0) and Alberta, 90.0 (72.0). 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 59.5 million bushels compared with last year's estimate of 80.9 million. Forecasts of 1971 production in each of the Prairie Provinces in millions of bushels, with last year's estimates in brackets are: Manitoba 3.9 (2.4) Saskatchewan, 48.0 (66.0) and Alberta, 7.6 (12.5). The acreage seeded to this crop was 20 per cent smaller than in 1970. Yields per acre in 1971 with 1970 figures in brackets are: Manitoba, 26.0 (20.9) Saskatchewan, 24.0 (26.4) Alberta, 24.5 (27.8) and the Prairie Provinces, 24.2 (26.4).

Oats for Grain. — Production of oats in 1971 forecast at 361.2 million bushels, represents a decrease of 2 per cent from last year's total of 367.8 million and a 4 per cent decrease from the ten-year average of 378.1 million. The average yield for the 1971 oat crop is estimated at a record 51.6 bushels per acre compared with last year's 51.5 bushels.

Production of oats, in the Prairie Provinces is currently forecast at 271.0 million bushels in 1971 compared with 280.0 million last year and the ten-year average of 245.7 million.

This year's crop in Manitoba, Saskatchewan and Alberta is forecast at 76.0 million, 106.0 million and 89.0 million bushels, respectively. Indicated average yields for the Prairie Provinces are 52.3 bushels per acre as against 53.2 bushels per acre in 1970. The percentages of the total oats acreage harvested or to be harvested for grain in each of the Prairie Provinces with last year's estimates and the 1960-69 average respectively, in brackets, are estimated as follows: Manitoba 95 (93, 89); Saskatchewan, 82 (78, 78); Alberta 76 (82, 78) and the Prairie Provinces 83 (83, 81).

Barley. — The 1971 barley crop is forecast at a record 642.7 million bushels, some 55 per cent higher than last year's 415.7 million and 175 per cent above the ten-year average of 233.4 million bushels. The average yield for the 1971 barley crop is estimated at a record 42.3 bushels per acre compared with 41.4 bushels in 1970.

Barley production in the Prairie Provinces is placed at a record 613.0 million bushels compared with last year's 391.0 million and the ten-year average of 219.2 million bushels. The barley crop in each of the Prairie Provinces, in millions of bushels, with last year's figures in brackets, is as follows: Manitoba, 93.0 (51.0); Saskatchewan, 275.0 (142.0) and Alberta, 245.0 (198.0).

Rye. — Production of rye, forecast at a record 24.6 million bushels is 10 per cent above last year's outturn of 22.4 and well above the ten-year average of 13.2 million bushels. Some 22.2 million bushels of this year's crop is fall rye which averaged 22.8 bushels per acre, while the spring rye crop is forecast at 2.4 million bushels, averaging 19.4 bushels per acre. Production of all rye in the Prairie Provinces is placed at 22.8 million bushels of which 4.5 million are in Manitoba, 12.9 in Saskatchewan and 5.3 in Alberta.

Oilseeds. — This year's flaxseed crop currently forecast at 27.0 million bushels will be some 45 per cent lower than last year's record outturn of 48.9 million. The decrease in production results from the combined effect of a decrease of 40 per cent in seeded acreage and an 8 per cent decrease in average yield. This year's production in the Prairie Provinces is placed at 26.8 million bushels compared with the 48.7 million in 1970 and the ten-year average of 19.6 million. Manitoba accounts for 6.6 million bushels of the 1971 crop while Saskatchewan and Alberta are expected to produce 14.9 and 5.3 million bushels, respectively. Production of rapeseed is placed at a record 104.6 million bushels in 1971, as compared with the revised 72.2 million bushels produced in 1970. Acreage seeded this year increased 35 per cent from the 1970 level and average yields at a record 19.1 bushels per acre are some 7 per cent above last year's revised average of 17.8 bushels.

Mixed Grains. — Canada's 1971 crop of mixed grains is forecast at a record 102.4 million bushels compared with last year's 98.6 million and the ten-year average of 74.6 million bushels. Average yields increased from 50.8 bushels in 1970 to a record 51.5 bushels per acre in 1971. Some 51.4 million bushels of this year's total crop were grown in Ontario.

Tame Hay. — Production of tame hay is forecast at 26.5 million tons, 6 per cent below last year's outturn of 28.3 million tons. Decreases in production were registered in all provinces except Prince Edward Island, Nova Scotia, New Brunswick and Manitoba.

Potatoes. — The 1971 potato crop on the basis of conditions at August 15, is forecast at 50.7 million cwt., 8 per cent below the revised 1970 crop of 55.1 million cwt. but 6 per cent above the ten-year average of 47.9 million cwt. The expected average yield per acre is currently forecast at 161.5 cwt. as against the revised 172.4 cwt. in 1970. 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.

SUMMARY OF AUGUST FORECAST OF PRODUCTION

Based on conditions on or about August 15, the production of principal grain crops in Canada in 1971 is forecast, in millions of bushels, as follows, with 1970 totals and 1960-69 averages, respectively, within brackets: winter wheat, 13.6 (15.6, 16.2); spring wheat, 493.9 (315.9, 593.3); all wheat, 507.4 (331.5, 609.5); oats for grain, 361.2 (367.8, 378.1); barley, 642.7 (415.7, 233.4); fall rye, 22.2 (19.8, 11.7); spring rye, 2.4 (2.6, 1.5); all rye, 24.6 (22.4, 13.2); flaxseed, 27.0 (48.9, 20.2); and rapeseed, 104.6 (72.2, 17.6). The average yields per acre, in bushels, are forecast as follows, with 1970 and 1960-69 averages respectively, within brackets: winter wheat, 40.0 (43.9, 38.3); spring wheat, 26.1 (26.0, 21.8); all wheat, 26.4 (26.6, 22.0); oats for grain, 51.6 (51.5, 44.5); barley, 42.3 (41.4, 33.6); fall rye, 22.8 (22.6, 19.5); spring rye, 19.4 (18.9, 15.1); all rye, 22.4 (22.1, 18.9); flaxseed, 13.4 (14.5, 10.7); and rapeseed, 19.1 (17.8, 16.3).

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 1970 totals and 1960-69 averages, respectively within brackets: three provinces — wheat, 488.0 (312.5, 589.2); oats for grain, 271.0 (280.0, 245.7); barley, 613.0 (391.0, 219.2); rye, 22.8 (20.4, 11.6); flaxseed, 26.8 (48.7, 19.6); rapeseed, 104.6 (72.2, 17.6); Manitoba — wheat, 67.0 (30.5, 72.9); oats for grain, 76.0 (53.0, 65.8); barley, 93.0 (51.0, 25.4); rye, 4.5 (4.2, 2.4); flaxseed, 6.6 (12.5, 9.1); rapeseed, 13.0 (7.2, 1.6); Saskatchewan — wheat, 331.0 (210.0, 376.8); oats for grain, 106.0 (110.0, 81.3); barley, 275.0 (142.0, 66.1); rye, 12.9 (11.5, 5.9); flaxseed, 14.9 (24.8, 6.2); rapeseed, 53.6 (39.5, 8.8); Alberta — wheat, 90.0 (72.0, 139.5); oats for grain, 89.0 (117.0, 98.6); barley, 245.0 (198.0, 127.7); rye, 5.3 (4.8, 3.2); flaxseed, 5.3 (11.4, 4.3); rapeseed, 38.0 (25.5, 7.2).

August Forecast of the 1971 Production of Principal Field Crops in Canada, Compared
with Latest Estimates for 1970

Province and crop	Area		Yield per acre		Production	
	1970	1971	1970	1971(1)	1970	1971(1)
	acres				bushels	
CANADA						
Winter wheat	355,000	339,000	43.9	40.0	15,584,000	13,560,000
Spring						
wheat(2) ...	12,129,000	18,889,000	26.0	26.1	315,935,000	493,890,000
All wheat	12,484,000	19,228,000	26.6	26.4	331,519,000	507,450,000
Oats for grain	7,149,000	7,005,000	51.5	51.6	367,850,000	361,212,000
Barley	10,042,900	15,206,500	41.4	42.3	415,704,000	642,682,000
Fall rye	875,700	972,000	22.6	22.8	19,800,000	22,196,000
Spring rye ...	139,000	124,000	18.9	19.4	2,627,000	2,400,000
All rye	1,014,700	1,096,000	22.1	22.4	22,427,000	24,596,000
Flaxseed	3,368,300	2,010,500	14.5	13.4	48,932,000	26,956,000
Mixed grains	1,939,800	1,988,600	50.8	51.5	98,573,000	102,404,000
Rapeseed	4,050,000 ^r	5,475,000 ^r	17.8 ^r	19.1	72,200,000 ^r	104,600,000
Potatoes	319,900	313,800	172.4 ^r	161.5	55,138,000 ^r	50,678,000
Tame hay	13,620,000	13,868,000	2.08	1.91	28,266,000	26,509,000
PRINCE EDWARD ISLAND					bushels	
Spring wheat	3,600	4,500	34.7	42.2	125,000	190,000
Oats for grain	65,000	70,000	45.2	58.0	2,938,000	4,060,000
Barley	20,000	18,000	37.2	48.8	744,000	878,000
Mixed grains	64,000	69,000	44.5	59.1	2,848,000	4,078,000
Potatoes	55,000	53,000	186.4	180.0	10,252,000	9,540,000
Tame hay	180,000	179,000	1.95	2.20	351,000	394,000
NOVA SCOTIA					bushels	
Spring wheat	4,000	3,700	47.5	46.5	190,000	172,000
Oats for grain	24,000	22,000	46.1	50.2	1,106,000	1,105,000
Barley	6,500	5,700	43.4	45.3	282,000	258,000
Mixed grains	10,700	9,900	47.5	50.5	508,000	500,000
Potatoes	4,600	4,000	151.5	157.0	697,000	628,000
Tame hay	202,000	208,000	1.82	2.20	368,000	458,000
NEW BRUNSWICK					bushels	
Spring wheat	3,100	4,000	32.3	36.8	100,000	147,000
Oats for grain	65,000	61,000	39.4	47.4	2,561,000	2,891,000
Barley	6,900	5,800	37.7	44.6	260,000	259,000
Mixed grains	9,500	7,700	40.0	50.0	380,000	385,000
Potatoes	61,000	60,000	215.0 ^r	193.3	13,118,000 ^r	11,600,000
Tame hay	228,000	231,000	1.90	2.05	433,000	474,000

For footnotes see page 8.

August Forecast of the 1971 Production of Principal Field Crops in Canada, Compared with Latest Estimates for 1970 - Continued

Province and crop	Area		Yield per acre		Production	
	1970	1971	1970	1971(1)	1970	1971(1)
	acres				bushels	
QUEBEC						
Spring wheat	29,300	37,800	25.6	27.7	750,000	1,047,000
Oats for grain	925,000	890,000	37.4	42.4	34,595,000	37,736,000
Barley	24,500	28,000	35.3	39.7	865,000	1,112,000
Fall rye	4,200	3,800	22.5	22.6	94,000	86,000
Flaxseed	16,000	8,300	12.1	14.8	194,000	123,000
Mixed grains	95,000	98,000	37.3	41.8	3,544,000	4,096,000
Potatoes	67,000	66,000	121.5	120.8	cwt. 8,140,000	7,973,000
Tame hay	3,350,000	3,340,000	2.07	1.95	tons 6,934,000	6,513,000
					bushels	
ONTARIO						
Winter wheat..	355,000	339,000	43.9	40.0	15,584,000	13,560,000
Spring wheat	9,000	14,000	30.0	31.0	270,000	434,000
All wheat...	364,000	353,000	43.6	39.6	15,854,000	13,994,000
Oats for grain	750,000	695,000	58.2	56.0	43,650,000	38,920,000
Barley	335,000	390,000	51.8	52.5	17,353,000	20,475,000
Fall rye	62,000	60,000	28.0	27.0	1,736,000	1,620,000
Flaxseed	2,000	1,800	17.0	16.0	34,000	29,000
Mixed grains	880,000	850,000	60.6	60.5	53,328,000	51,425,000
Potatoes	47,500	47,500	217.5	195.0	cwt. 10,331,000	9,262,000
Tame hay	3,000,000	3,000,000	2.55	2.29	tons 7,650,000	6,870,000
					bushels	
MANITOBA						
Spring wheat(2)	1,400,000	2,400,000	21.8	27.9	30,500,000	67,000,000
Oats for grain(3)	1,260,000	1,472,000	42.1	51.6	53,000,000	76,000,000
Barley	1,500,000	2,200,000	34.0	42.3	51,000,000	93,000,000
Fall rye	190,000	180,000	21.6	24.4	4,100,000	4,400,000
Spring rye ...	4,000	4,000	19.2	25.0	77,000	100,000
All rye	194,000	184,000	21.5	24.5	4,177,000	4,500,000
Flaxseed	1,150,000	570,000	10.9	11.6	12,500,000	6,600,000
Mixed grains	250,000	290,000	36.8	44.8	9,200,000	13,000,000
Rapeseed	400,000 ^r	625,000 ^r	18.0	20.8	7,200,000 ^r	13,000,000
Potatoes	33,000	33,000	112.1	118.2	cwt. 3,700,000	3,900,000
Tame hay	1,160,000	1,200,000	1.92	1.92	tons 2,230,000	2,300,000

For footnotes see page 8.

August Forecast of the 1971 Production of Principal Field Crops in Canada, Compared
with Latest Estimates for 1970 - Continued

Province and crop	Area		Yield per acre		Production	
	1970	1971	1970	1971(1)	1970	1971(1)
	acres				bushels	
SASKATCHEWAN						
Spring wheat(2)	8,000,000	12,800,000	26.2	25.9	210,000,000	331,000,000
Oats for grain(3)	1,950,000	1,960,000	56.4	54.1	110,000,000	106,000,000
Barley	3,300,000	6,300,000	43.0	43.7	142,000,000	275,000,000
Fall rye	460,000	550,000	22.0	21.1	10,100,000	11,600,000
Spring rye	75,000	70,000	18.7	19.0	1,400,000	1,330,000
All rye	535,000	620,000	21.5	20.9	11,500,000	12,930,000
Flaxseed	1,500,000	1,030,000	16.5	14.5	24,800,000	14,900,000
Mixed grains ..	175,000	210,000	42.9	41.4	7,500,000	8,700,000
Rapeseed	2,200,000 ^r	2,750,000 ^r	18.0	19.5	39,500,000 ^r	53,600,000
Potatoes	8,800	7,500	102.3	90.0	900,000	675,000
Tame hay	1,600,000	1,650,000	1.75	1.39	2,800,000	2,300,000
					bushels	
ALBERTA						
Spring wheat(2)	2,600,000	3,500,000	27.7	25.7	72,000,000	90,000,000
Oats for grain(3)	2,050,000	1,745,000	57.1	51.0	117,000,000	89,000,000
Barley	4,700,000	6,100,000	42.1	40.2	198,000,000	245,000,000
Fall rye	155,000	175,000	23.2	24.9	3,600,000	4,360,000
Spring rye	60,000	50,000	19.2	19.4	1,150,000	970,000
All rye	215,000	225,000	22.1	23.7	4,750,000	5,330,000
Flaxseed	700,000	400,000	16.3	13.2	11,400,000	5,300,000
Mixed grains ..	450,000	450,000	46.7	44.4	21,000,000	20,000,000
Rapeseed	1,450,000 ^r	2,100,000 ^r	17.6 ^r	18.1	25,500,000 ^r	38,000,000
Potatoes	32,000	30,000	178.1	143.3	5,700,000	4,300,000
Tame hay	3,400,000	3,600,000	1.82	1.67	6,200,000	6,000,000
					bushels	
BRITISH COLUMBIA						
Spring wheat ..	80,000	125,000	25.0	31.2	2,000,000	3,900,000
Oats for grain	60,000	90,000	50.0	61.1	3,000,000	5,500,000
Barley	150,000	159,000	34.7	42.1	5,200,000	6,700,000
Fall rye	4,500	3,200	37.8	40.6	170,000	130,000
Flaxseed	300	400	13.3	10.0	4,000	4,000
Mixed grains ..	5,600	4,000	47.3	55.0	265,000	220,000
Potatoes	11,000	12,000	209.1	218.8	2,300,000	2,800,000
Tame hay	500,000	460,000	2.60	2.61	1,300,000	1,200,000

For footnotes see page 5.



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August Forecast of the 1971 Production of Principal Field Crops in the
Prairie Provinces, Compared with Latest Estimates for 1970

Crop	Area		Yield per acre		Production	
	1970	1971	1970	1971(1)	1970	1971(1)
	acres				bushels	
Wheat(2) ..	12,000,000	18,700,000	26.0	26.1	312,500,000	488,000,000
Oats(3) ...	5,260,000	5,177,000	53.2	52.3	280,000,000	271,000,000
Barley	9,500,000	14,600,000	41.2	42.0	391,000,000	613,000,000
Rye	944,000	1,029,000	21.6	22.1	20,427,000	22,760,000
Flaxseed ..	3,350,000	2,000,000	14.5	13.4	48,700,000	26,800,000
Rapeseed ..	4,050,000 ^r	5,475,000 ^r	17.8 ^r	19.1	72,200,000 ^r	104,600,000

August Forecast of the 1971 Production of Durum Wheat in the Prairie Provinces
Compared with Latest Estimate for 1970

Province	Area		Yield per acre		Production	
	1970	1971	1970	1971(1)	1970	1971(1)
	acres				bushels	
Manitoba ...	115,000	150,000	20.9	26.0	2,400,000	3,900,000
Saskatchewan	2,500,000	2,000,000	26.4	24.0	66,000,000	48,000,000
Alberta	450,000	310,000	27.8	24.5	12,500,000	7,600,000
Total	3,065,000	2,460,000	26.4	24.2	80,900,000	59,500,000

^r Revised figures.

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

(2) Includes durum wheat.

(3) Estimated areas for harvest as oats.