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AUGUST FORECAST OF PRODUCTION OF PRINCIPAL FIELD CROPS, CANADA, 1968

On the basis of yields indicated at August 15, production of the five major grains this year with 1967 totals and the ten-year 1957-66 averages, respectively, in brackets, in millions of bushels is forecast as follows: all wheat, 649.6 (592.9, 540.4); oats for grain, 356.2 (304.2, 374.9); barley, 323.0 (248.7, 205.1); all rye, 13.3 (12.0, 11.5) and flaxseed, 18.2 (9.4, 20.4). The outturn of rapeseed is forecast at 18.6 million bushels compared with the revised 24.7 million in 1967 and the ten-year (1957-66) average of 11.8 million bushels.

Early harvesting and ripening of above acreage grain crops in the Prairie Provinces has been delayed due to wet weather. At mid-August only small percentages of early maturing cereals had been threshed in southern parts of Alberta and Saskatchewan. Excessive moisture elsewhere brought field work to a standstill. Swathing operations which were well advanced in many Southern areas and just starting in the north, were suspended due to continuing rains. Frosts occurred on August 12, 13 and 14 at various points in the Prairies and immature crops were vulnerable to damage. The extent of damage however may not be fully reflected in correspondent's returns as of August 15 on which this forecast is based. In northern areas warm, dry weather for at least another three weeks will be required to mature late crops before harvest can commence. Seeding of this year was carried out under dry conditions and low soil moisture reserves. Improved moisture conditions in June however prevented serious deterioration of crops in moisture deficient areas. Rains during July accompanied by cool summer temperatures improved crop prospects in the drier parts of Alberta and Saskatchewan.

In Eastern Canada adverse weather conditions lowered production and quality of hay and mid-season crops generally. However, better than average yields of grains are reported in Ontario and Quebec but only average outturns are anticipated in the Maritimes due to the prolonged dryness. Early spring seeding of most crops in the Central provinces and the Maritimes permitted rapid development of plants despite the absence of ideal growing conditions. June was cool and wet in Ontario, cool and dry in Quebec and unseasonably cool and wet in the Maritimes with the exception of New Brunswick where precipitation was

Crops Section,
Agriculture Division.

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less than normal. Drier conditions prevailed during July particularly in much of the Maritimes where precipitation was one quarter to one half of normal. In early August some harvesting delays occurred in Ontario and parts of Quebec due to wet weather. With the exception of late maturing crops such as corn and beans harvesting progress is normal with good yields reported.

British Columbia grain producers also encountered delays in harvesting above average grain crops. Large outturns of wheat, and course grains are anticipated as a result of increased acreage and the heavy yields in prospect in the Peace River Block.

Forecasts of average yields per seeded acre 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 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 August 2 crop report with the exception of oats in the Prairie Provinces. This report contains estimates of area of oats to be harvested for grain.

Wheat Canada's 1968 wheat crop, currently forecast at 649.6 million bushels is 10 per cent larger than last year's 592.9 million, and 20 per cent above the ten-year (1957-66) average of 540.4 million. Average yields increased from 19.7 bushels in 1967 to 22.1 bushels per acre this year, and are above the 1957-66 average of 20.5 bushels per acre.

The 1968 crop of spring wheat, forecast at 634.4 million bushels is being harvested from a seeded area of 29.1 million acres and yielding an indicated 21.8 bushels per acre. The 1967 spring wheat crop of 577.4 million bushels was produced on 29.7 million acres and yielded an average of 19.4 bushels per acre. The 1968 yield for Ontario's winter wheat crop is placed at 43.0 bushels per acre as compared with 38.7 bushels in 1967. With an 11 per cent decline in harvested acreage this year's production at 15.3 million bushels is below the 15.5 million in 1967.

In the Prairie Provinces, the 1968 wheat crop is forecast at 628.0 million bushels, some 9 per cent above last year's crop of 574.0 million and 21 per cent above the ten-year (1957-66) average of 519.7 million. The forecasted average yield per seeded acre in the Prairie Provinces, on the basis of conditions at August 15, is 21.8 bushels per acre, with the Manitoba average 27.1 Saskatchewan 19.5 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, 92.0 (90.0) Saskatchewan, 370.0 (339.0) and Alberta, 166.0 (145.0). 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 44.4 million bushels compared with last year's revised estimate of 20.2 million. Forecasts of 1968 production in each of the Prairie Provinces in millions of bushels, with last year's estimates in brackets are: Manitoba, 3.2 (1.3) Saskatchewan, 35.0 (16.5) and Alberta, 6.2 (2.4). The acreage seeded to this crop was 80 per cent larger than in 1967. Yields per acre in 1968 with 1967 figures in brackets are: Manitoba, 24.6 (20.8) Saskatchewan

17.5 (14.6) Alberta, 29.7(21.6) and the Prairie Provinces 19.0 (15.5).

Oats for Grain Production of oats in 1968 forecast at 356.2 million bushels, represents an increase of 17 per cent from last year's total of 304.2 million but a decrease from the ten-year (1957-66) average of 374.9 million. The average yield for the 1968 Canada oat crop is estimated at 45.9 bushels per acre compared with last year's 40.9 bushels.

Production of oats in the Prairie Provinces is currently forecast at 243.0 million bushels in 1968 compared with 195.0 million last year and the ten-year (1957-66) average of 228.3 million. This year's crop in Manitoba, Saskatchewan and Alberta is forecast at 80.0 million, 70.0 million and 93.0 million bushels, respectively. Indicated average yields for the Prairie Provinces are 43.8 bushels per acre as against 38.3 bushels per acre in 1967. 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 1957-66 average respectively, in brackets, are estimated as follows: Manitoba, 94 (95,87) Saskatchewan, 82(79,72) Alberta, 78 (82,76) and the Prairie Provinces, 84 (84,77).

Barley The 1968 barley crop is forecast at 323.0 million bushels, some 30 per cent higher than last year's 248.7 million and 58 per cent above the ten-year average of 205.1 million bushels. The average yield for the 1968 barley crop is estimated at 36.6 bushels per acre compared with 30.6 bushels in 1967.

Barley production in the Prairie Provinces is placed at 298.0 million bushels compared with last year's 230.0 million and the ten-year (1957-66) average of 195.5 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, 45.0 (33.0) Saskatchewan, 78.0 (63.0) and Alberta, 175.0 (134.0).

Rye Production of rye, forecast at 13.3 million bushels is 11 per cent above last year's revised outturn of 12.0 and well above the ten-year (1957-66) average of 11.5 million bushels. Some 11.8 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 1.5 million bushels, averaging 16.6 bushels per acre. Production of all rye in the Prairie Provinces is placed at 11.6 million bushels of which 2.7 million are in Manitoba, 6.5 in Saskatchewan and 2.4 in Alberta.

Oil Seeds This year's flaxseed crop currently forecast at 18.2 million bushels will be some 94 per cent higher than last year's revised outturn of 9.4 million. Seeded acreage increased by 49 per cent and average yields at 12.0 bushels per acre are 30 per cent up from 1967. This year's production in the Prairie Provinces is placed at 17.9 million bushels compared with the revised 9.0 million in 1967 and the ten-year (1957-66) average of 19.9 million. Manitoba accounts for 9.2 million bushels of the 1968 crop while Saskatchewan and Alberta are expected to produce 4.3 and 4.4 million bushels, respectively. Production of rapeseed is placed at 18.6 million bushels in 1968 as compared with the revised 24.7 million bushels produced in 1967. Acreage seeded this year decreased 35 per cent from the 1967 level however average yields at 17.6 bushels per acre are some 16 per cent above last year's revised average of 15.2 bushels.

Mixed Grains Canada's 1968 crop of mixed grains is forecast at 84.7 million bushels compared with last year's 76.4 million and the ten-year (1957-66) average of 68.6 million bushels.

Average yields increased from 45.8 bushels in 1967 to 50.8 bushels per acre in 1968. Some 51.4 million bushels of this year's total crop were grown in Ontario.

Tame Hay Production of tame hay is forecast at 21.9 million tons, 14 per cent below last year's outturn of 25.4 million tons. All provinces except British Columbia and Manitoba registered decreases in hay yields and production this year compared with 1967.

Potatoes The 1968 potato crop on the basis of conditions at August 15, is forecast at 45.9 million cwt., 2 per cent below the revised 1967 crop of 46.7 million cwt. but 3 per cent above the ten-year (1957-66) average of 44.7 million cwt. The decrease in 1968 from last year, results from less than one per cent decrease in acreage as well as a 2 per cent decrease in yields. The expected average yield per acre is currently forecast at 151.2 cwt. as against the revised 153.9 cwt. in 1967. 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 1968 Production of Principal Field Crops in Canada, Compared with Latest Estimates for 1967

Province and crop	Area		Yield per acre		Production	
	1967	1968	1967	1968(1)	1967	1968(1)
	acres				bushels	
CANADA						
Winter wheat	400,000	355,000	38.7	43.0	15,480,000	15,265,000
Spring wheat(2)	29,720,800	29,067,500 ^r	19.4	21.8	577,440,000	634,350,000
All wheat	30,120,800	29,422,500 ^r	19.7	22.1	592,920,000	649,615,000
Oats for grain	7,436,100	7,765,900	40.9	45.9	304,178,000	356,197,000
Barley	8,115,000	8,836,500 ^r	30.6	36.6	248,662,000	322,985,000
Fall rye	601,000	590,600	18.1 ^r	20.0	10,864,000 ^r	11,827,000
Spring rye	84,300	88,000	13.3	16.6	1,117,000	1,460,000
All rye	685,300	678,600	17.5	19.6	11,981,000 ^r	13,287,000
Flaxseed	1,023,400	1,524,400	9.2	12.0	9,378,000 ^r	18,227,000
Mixed grains	1,668,200	1,667,000	45.8	50.8	76,427,000	84,683,000
Rapeseed	1,620,000	1,052,000	15.2 ^r	17.6	24,700,000 ^r	18,550,000
					cwt.	
Potatoes	303,800	303,300 ^r	153.9 ^r	151.2	46,743,000 ^r	45,857,000
					tons	
Tame hay	12,902,000	12,438,000	1.97	1.76	25,385,000	21,929,000
PRINCE EDWARD ISLAND						
					bushels	
Spring wheat	1,600	2,000	28.8	36.0	46,000	72,000
Oats for grain	80,000	78,000	43.7	55.8	3,496,000	4,352,000
Barley	18,000	16,000	31.0	54.0	558,000	864,000
Mixed grains	50,000	53,000	44.6	59.0	2,230,000	3,127,000
					cwt.	
Potatoes	51,000	53,000	188.4 ^r	170.0	9,607,000 ^r	9,010,000
					tons	
Tame hay	180,000	184,000	2.04	1.99	367,000	366,000
NOVA SCOTIA						
					bushels	
Spring wheat	2,000	2,000	33.0	41.0	66,000	82,000
Oats for grain	24,000	25,000	38.0	49.0	912,000	1,225,000
Barley	6,000	5,000	32.5	45.0	195,000	225,000
Mixed grains	13,000	12,700	36.0	49.5	468,000	629,000
					cwt.	
Potatoes	5,000	5,100	138.6	126.0	693,000	643,000
					tons	
Tame hay	218,000	214,000	2.10	1.90	458,000	407,000
NEW BRUNSWICK						
					bushels	
Spring wheat	4,100	4,500	26.8	30.5	110,000	137,000
Oats for grain	74,000	67,000	38.8	44.0	2,871,000	2,948,000
Barley	9,000	7,500	30.0	40.9	270,000	307,000
Mixed grains	8,000	7,800	38.0	45.8	304,000	357,000
					cwt.	
Potatoes	62,000	61,000	203.0 ^r	162.0	12,585,000 ^r	9,882,000
					tons	
Tame hay	234,000	236,000	2.06	1.94	482,000	458,000

For footnotes see page 8.

August Forecast of the 1968 Production of Principal Field Crops in Canada, Compared with Latest Estimates for 1967 — continued

Province and Crop	Area		Yield per acre		Production	
	1967	1968	1967	1968(1)	1967	1968(1)
	acres				bushels	
<u>QUEBEC</u>						
Spring wheat	29,100	30,000 ^r	25.9	26.0	754,000	780,000
Oats for grain ..	1,018,000	984,000	40.3	42.1	41,025,000	41,426,000
Barley	17,000	18,000 ^r	37.8	38.3	643,000	689,000
Fall rye	4,900	4,200	23.4	24.4	115,000	102,000
Flaxseed	17,000	15,600	14.9	14.0	253,000	218,000
Mixed grains	110,000	87,800	40.2	42.4	4,422,000	3,723,000
Potatoes	71,000	70,000 ^r	111.8	131.2	cwt. 7,938,000	9,184,000
Tame hay	3,353,000	3,345,000	2.15	1.90	tons 7,209,000	6,356,000
<u>ONTARIO</u>						
Winter wheat	400,000	355,000	38.7	43.0	bushels 15,480,000	15,265,000
Spring wheat	13,000	11,000	28.0	29.9	364,000	329,000
All wheat	413,000	366,000	38.4	42.6	15,844,000	15,594,000
Oats for grain ..	1,083,000	984,000	53.9	59.6	58,374,000	58,646,000
Barley	285,000	300,000	46.3	55.0	13,196,000	16,500,000
Fall rye	49,000	52,000	26.6	28.0	1,303,000	1,456,000
Flaxseed	7,000	6,000	16.0	16.2	112,000	97,000
Mixed grains	815,000	825,000	55.8	62.3	45,477,000	51,398,000
Potatoes	48,000	45,000	153.0	187.5	cwt. 7,344,000	8,438,000
Tame hay	3,440,000	3,250,000	2.60	2.29	tons 8,944,000	7,442,000
<u>MANITOBA</u>						
Spring wheat(2)..	3,520,000	3,400,000	25.6	27.1	bushels 90,000,000	92,000,000
Oats for grain(3)	1,600,000	1,650,000	41.2	48.5	66,000,000	80,000,000
Barley	970,000	1,170,000	34.0	38.5	33,000,000	45,000,000
Fall rye	140,000	119,000	18.9	22.5	2,650,000	2,680,000
Spring rye	1,100	1,000	15.5	20.0	17,000	20,000
All rye	141,100	120,000	18.9	22.5	2,667,000	2,700,000
Flaxseed	660,000	820,000	8.6	11.2	5,700,000 ^r	9,200,000
Mixed grains	178,000	178,000	37.6	42.1	6,700,000	7,500,000
Rapeseed	145,000	91,000	15.9	17.0	2,300,000 ^r	1,550,000
Potatoes	26,500	26,500	109.4	101.9	cwt. 2,900,000	2,700,000
Tame hay	1,052,000	940,000	1.52	1.70	tons 1,600,000	1,600,000
<u>SASKATCHEWAN</u>						
Spring wheat(2)..	19,670,000	19,000,000	17.2	19.5	bushels 339,000,000	370,000,000
Oats for grain(3)	1,530,000	1,800,000	32.0	38.9	49,000,000	70,000,000
Barley	2,350,000	2,510,000	26.8	31.1	63,000,000	78,000,000
Fall rye	269,000	328,000	15.0	17.1	4,000,000 ^r	5,600,000
Spring rye	58,200	57,000	12.0	15.8	700,000	900,000

For footnotes see page 8.

August Forecast of the 1968 Production of Principal Field Crops in Canada, Compared with Latest Estimates for 1967 - continued

Province and crop	Area		Yield per acre		Production	
	1967	1968	1967	1968(1)	1967	1968(1)
					bushels	
<u>SASKATCHEWAN-CONC.</u>						
All rye	327,200	385,000	14.4 ^r	16.9	4,700,000 ^r	6,500,000
Flaxseed	193,000	397,000	8.3	10.8	1,600,000	4,300,000
Mixed grains	128,000	138,000	28.1	32.6	3,600,000	4,500,000
Rapeseed	600,000	511,000	17.0	18.2	10,200,000 ^r	9,300,000
					cwt.	
Potatoes	8,000	7,500	72.0	66.7	576,000	500,000
					tons	
Tame hay	1,100,000	1,100,000	1.11	1.09	1,225,000	1,200,000
<u>ALBERTA</u>					bushels	
Spring wheat(2)	6,380,000	6,460,000	22.7	25.7	145,000,000	166,000,000
Oats for grain(3) ..	1,960,000	2,100,000	40.8	44.3	80,000,000	93,000,000
Barley	4,280,000	4,650,000	31.3	37.6	134,000,000	175,000,000
Fall rye	135,000	84,000	20.3	22.1	2,700,000 ^r	1,860,000
Spring rye	25,000	30,000	16.0	18.0	400,000	540,000
All rye	160,000	114,000	19.4 ^r	21.1	3,100,000 ^r	2,400,000
Flaxseed	145,000	285,000	11.7	15.4	1,700,000 ^r	4,400,000
Mixed grains	361,000	360,000	36.0	36.7	13,000,000	13,200,000
Rapeseed	875,000	450,000	13.9	17.1	12,200,000	7,700,000
					cwt.	
Potatoes	22,400	24,400	142.9	139.3	3,200,000	3,400,000
					tons	
Tame hay	2,875,000	2,740,000	1.39	1.08	4,000,000	2,950,000
<u>BRITISH COLUMBIA</u>					bushels	
Spring wheat	101,000	158,000	20.8	31.3	2,100,000	4,950,000
Oats for grain	67,100	77,900	37.3	59.0	2,500,000	4,600,000
Barley	180,000	160,000	21.1	40.0	3,800,000	6,400,000
Fall rye	3,100	3,400	31.0	38.0	96,000	129,000
Flaxseed	1,400	800	9.3	15.0	13,000	12,000
Mixed grains	5,200	4,700	43.5	53.0	226,000	249,000
					cwt.	
Potatoes	9,900	10,800	191.9	194.4	1,900,000	2,100,000
					tons	
Tame hay	450,000	429,000	2.44	2.68	1,100,000	1,150,000

For footnotes see page 8.

August Forecast of the 1968 Production of Principal Field Crops in the
Prairie Provinces, Compared with Latest Estimates for 1967

Crop	Area		Yield per acre		Production	
	1967	1968	1967	1968(1)	1967	1968(1)
	acres		bushels			
Wheat(2)	29,570,000	28,860,000	19.4	21.8	574,000,000	628,000,000
Oats(3)	5,090,000	5,550,000	38.3	43.8	195,000,000	243,000,000
Barley	7,600,000	8,330,000	30.3	35.8	230,000,000	298,000,000
Rye	628,300	619,000	16.7 ^r	18.7	10,467,000 ^r	11,600,000
Flaxseed	998,000	1,502,000	9.0 ^r	11.9	9,000,000 ^r	17,900,000
Rapeseed	1,620,000	1,052,000	15.2 ^r	17.6	24,700,000 ^r	18,550,000

August Forecast of the 1968 Production of Durum Wheat in the Prairie Provinces
Compared with Latest Estimate for 1967

Province	Area		Yield per acre		Production	
	1967	1968	1967	1968(1)	1967	1968(1)
	acres		bushels			
Manitoba	62,000	130,000	20.8	24.6	1,300,000 ^r	3,200,000
Saskatchewan	1,130,000	2,000,000	14.6	17.5	16,500,000	35,000,000
Alberta	110,000	209,000	21.6	29.7	2,400,000 ^r	6,200,000
Total	1,302,000	2,339,000	15.5 ^r	19.0	20,200,000 ^r	44,400,000

^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.

SUMMARY OF AUGUST FORECAST OF PRODUCTION

Based on conditions on or about August 15, the production of principal grain crops in Canada in 1968 is forecast, in millions of bushels, as follows, with 1967 totals and 1957-1966 averages, respectively, within brackets: winter wheat 15.3 (15.5, 17.3); spring wheat, 634.4 (577.4, 523.1); all wheat, 649.6 (592.9, 540.4); oats for grain, 356.2 (304.2, 374.9); barley 323.0 (248.7, 205.1); fall rye, 11.8 (10.9, 10.1); spring rye, 1.5 (1.1, 1.4); all rye 13.3 (12.0, 11.5); Flaxseed 18.2 (9.4, 20.4); and rapeseed, 18.6 (24.7, 11.8). The average yields per acre, in bushels, are forecast as follows, with 1967 and 1957-66 averages respectively, within brackets: winter wheat, 43.0 (38.7, 37.0); spring wheat, 21.8 (19.4, 20.2); all wheat, 22.1 (19.7, 20.5) oats for grain, 45.9 (40.9, 41.9); barley, 36.6 (30.6, 29.8); fall rye, 20.0 (18.1, 18.7) spring rye, 16.6 (13.3, 13.6); all rye, 19.6 (17.5, 17.8); flaxseed, 12.0 (9.2, 9.7); and rapeseed, 17.6 (15.2, 15.6).

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 1967 totals and 1957-1966 averages, respectively within brackets: three provinces - wheat 628.0 (574.0, 519.7); oats for grain, 243.0 (195.0, 228.3); barley, 298.0 (230.0, 195.5); rye, 11.6 (10.5, 9.8); flaxseed, 17.9 (9.0, 19.9); rapeseed 18.6 (24.7, 11.8); Manitoba - wheat, 92.0 (90.0, 65.6); oats for grain, 80.0 (66.0, 59.0); barley, 45.0 (33.0, 24.6); rye, 2.7 (2.7, 2.0); flaxseed, 9.2 (5.7, 7.7); rapeseed, 1.6 (2.3, 0.9); Saskatchewan - wheat, 370.0 (339.0, 329.1); oats for grain, 70.0 (49.0, 74.4); barley, 78.0 (63.0, 64.3); rye, 6.5 (4.7, 4.9); flaxseed, 4.3 (1.6, 7.2); rapeseed, 9.3 (10.2, 6.6); Alberta, wheat, 166.0 (145.0, 125.0); oats for grain, 93.0 (80.0, 94.9); barley, 175.0 (134.0, 106.6), rye, 2.4 (3.1, 2.9); flaxseed, 4.4 (1.7, 4.9); rapeseed, 7.7 (12.2, 4.4).

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