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AUGUST FORECAST OF PRODUCTION OF PRINCIPAL FIELD CROPS, CANADA, 1967

On the basis of yields indicated at August 15, production of the five major grains this year with 1966 totals in brackets, in millions of bushels is forecast as follows: all wheat, 547.5 (827.3); oats for grain, 306.4 (374.7); barley, 240.8 (301.2); all rye, 13.2 (17.2); and flaxseed, 10.3 (22.0). The outturn of rapeseed is forecast at 25.6 million bushels compared with 25.8 million in 1966.

Crop outturns in the Prairie Provinces are surprisingly large considering the severe drought experienced by large sections of Saskatchewan and to a lesser extent by Alberta and Manitoba. Rainfall during the April to mid-August period was some 47 percent below normal in Saskatchewan, 20 percent below normal in Alberta and 12 percent below normal in Manitoba. Seeding was slow in starting in the spring but progress was rapid during the last two weeks in May. Soil moisture reserves were generally good and this coupled with cool weather allowed the crop in many areas to progress with little growing season precipitation. Although in the drought areas stands were light and the straw was short, deep rooting was encouraged and stocks which developed had good heads and filled well. Thus the grades and the bushel weight, as indicated by early threshing returns, are good. Hot weather during August matured crops quickly and as a result, progress with the harvest has been rapid. The bulk of the swathing has been completed in Saskatchewan and a considerable proportion has been threshed in the southern and central districts. Harvesting is also progressing rapidly in Manitoba and Alberta and with a continuation of dry weather operations should be completed ahead of normal.

Seeding delays were experienced in all provinces in Eastern Canada particularly in the Maritimes. Unseasonably cool temperatures in Quebec and Ontario slowed crop development but warmer June weather promoted rapid growth in all crops including hay and pastures. Rainfall during much of the growing season was excessive in many areas in the central provinces and the Maritimes. Spring grain crops developed rapidly although some damage from lodging was experienced. In British Columbia unfavourable spring weather slowed crop development but warm dry weather during the summer reduced yields especially 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

Prepared in the Crops Section, Agriculture Division

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year and for different crops. Estimates of acreages seeded to the various crops are those published in the Bureau's August 4, 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 1966 Census acreage, revised estimates of production for 1966 are included in this report.

WHEAT Canada's 1967 wheat crop, currently forecast at 547.5 million bushels is 34 per cent smaller than last year's record crop of 827.3 million. Average yields decreased from the record 27.9 bushels in 1966 to 18.2 bushels per acre this year.

The 1967 crop of spring wheat, forecast at 531.5 million bushels is being harvested from a seeded area of 29.7 million acres and yielding an indicated 17.9 bushels per acre. The 1966 spring wheat crop of 812.1 million bushels was produced on 29.4 million acres and yielded an average of 27.7 bushels per acre. The 1967 yield for Ontario's winter wheat crop is placed at 40.0 bushels per acre as compared with 44.6 bushels in 1966. A 17 per cent increase in harvested acreage increased the production to 16.0 million bushels in 1967 compared with 15.2 million in 1966.

In the Prairie Provinces, the 1967 wheat crop is forecast at 528.0 million bushels, some 35 per cent below last year's record crop of 807.0 million. The forecasted average yield per seeded acre in the Prairie Provinces, on the basis of conditions at August 15, is 17.9 bushels per acre, with the Manitoba average 23.9; Saskatchewan, 15.8, and Alberta, 20.8 bushels per acre. Production in each of these provinces in millions of bushels, with last year's estimate in brackets, is as follows: Manitoba, 84.0 (79.0); Saskatchewan, 311.0 (537.0); and Alberta, 133.0 (191.0). 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 19.4 million bushels compared with last year's estimate of 28.4 million. Forecasts of 1967 production in each of the Prairie Provinces in millions of bushels, with last year's estimates in brackets are: Manitoba, 1.1 (0.9); Saskatchewan, 15.6 (24.0); and Alberta, 2.7 (3.5). The acreage seeded to this crop was 24 per cent larger than in 1966. Yields per acre in 1967 with 1966 figures in brackets are: Manitoba, 20.8 (20.9); Saskatchewan, 13.8 (26.5); Alberta, 19.4 (30.2) and the Prairie Provinces, 14.7 (26.7).

OATS FOR GRAIN Production of oats in 1967 which is forecast at 306.4 million bushels, represents a decrease of 18 per cent from last year's total of 374.7 million. The average yield for the 1967 Canada oat crop is estimated at 41.2 bushels per acre compared with last year's 47.3 bushels.

Production of oats in the Prairie Provinces is currently forecast at 187.0 million bushels in 1967 compared with 258.0 million last year. This year's crop in Manitoba, Saskatchewan and Alberta is forecast at 64.0 million, 46.0 million and 77.0 million bushels, respectively. Indicated average yields for the Prairie Provinces are 36.7 bushels per acre as against 47.3 bushels per acre in 1966. 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, 95 (94); Saskatchewan, 79 (84); Alberta, 82 (82); and the Prairie Provinces, 84 (86).

BARLEY The 1967 barley crop is forecast at 240.8 million bushels, some 20 per cent lower than last year's record outturn of 301.2 million bushels. The average yield for the 1967 barley crop is estimated at 29.7 bushels per acre compared with the record high of 40.4 bushels in 1966.

Barley production in the Prairie Provinces is placed at 221.0 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, 32.0 (28.0); Saskatchewan, 59.0 (96.0); and Alberta, 130.0 (159.0).

RYE Production of rye, forecast at 13.2 million bushels is 24 per cent below last year's outturn of 17.2 million. Some 12.0 million bushels of this year's crop is fall rye which averaged 17.8 bushels per acre, while the spring rye crop is forecast at 1.1 million bushels, averaging 13.6 bushels per acre. Production of all rye in the Prairie Provinces is placed at 11.6 million bushels of which 2.5 million are in Manitoba, 5.4 in Saskatchewan and 3.7 in Alberta.

OIL SEEDS This year's flaxseed crop currently forecast at 10.3 million bushels will be some 53 per cent lower than last year's outturn of 22.0 million. Seeded acreage decreased by 42 per cent and average yields at 9.3 bushels per acre are 19 per cent down from 1966. This year's production in the Prairie Provinces is placed at 9.9 million bushels compared with 21.5 million in 1966. Manitoba accounts for 6.5 million bushels of the 1967 crop, while Saskatchewan and Alberta are expected to produce 1.5 and 1.9 million bushels, respectively.

Production of rapeseed is placed at 25.6 million bushels in 1967 as compared with 25.8 million bushels produced in 1966. Acreage seeded this year increased 13 per cent from the 1966 level and average yields at 14.8 bushels per acre are some 12 per cent below last year's average of 16.9 bushels.

MIXED GRAINS Canada's 1967 crop of mixed grains is forecast at 79.0 million bushels compared with last year's 81.4 million. Average yields increased from 46.1 bushels in 1966 to 47.3 bushels per acre in 1967. Some 47.5 million bushels of this year's total crop were grown in Ontario.

TAME HAY Production of tame hay is forecast at 23.4 million tons, 10 per cent below last year's outturn of 26.0 million tons. All provinces except New Brunswick and Quebec registered decreases in hay yields and production this year compared with 1966.

POTATOES The 1967 potato crop on the basis of conditions at August 15, is forecast at 43.2 million cwt., 25 per cent below the 1966 crop of 57.2 million cwt. The decrease in 1967 from last year, results from a 5 per cent decrease in acreage as well as a 20 per cent decrease in yields. The expected average yield per acre is currently forecast at 143.1 cwt. as against 179.3 cwt. in 1966. 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 1967 Production of Principal Field Crops in Canada, Compared
with Latest Estimates for 1966

Province and crop	Area		Yield per acre		Production	
	1966(1)	1967	1966	1967(2)	1966(1)	1967(2)
	- acres -		- bushels -		- bushels -	
CANADA						
Winter wheat	341,000	400,000	44.6	40.0	15,200,000	16,000,000
Spring wheat(3)	29,351,500	29,720,800	27.7	17.9	812,138,000	531,478,000
All wheat	29,692,500	30,120,800	27.9	18.2	827,338,000	547,478,000
Oats for grain	7,923,900	7,436,100	47.3	41.2	374,678,000	306,376,000
Barley	7,461,300	8,115,000	40.4	29.7	301,235,000	240,751,000
Fall rye	623,200	674,000	24.4	17.8	15,214,000	12,008,000
Spring rye	102,600	84,300	19.6	13.6	2,006,000	1,147,000
All rye	725,800	758,300	23.7	17.3	17,220,000	13,155,000
Flaxseed	1,917,700	1,107,400	11.5	9.3	22,020,000	10,296,000
Mixed grains	1,766,600	1,668,200	46.1	47.3	81,443,000	78,976,000
Rapeseed	1,525,000	1,726,000	16.9	14.8	25,800,000	25,600,000
			- cwt. -		- cwt. -	
Potatoes	318,900	301,600	179.3	143.1	57,180,000	43,167,000
			- tons -		- tons -	
Tame hay	13,154,000	12,902,000	1.98	1.81	26,049,000	23,400,000
			- bushels -		- bushels -	
PRINCE EDWARD ISLAND						
Spring wheat	2,100	1,600	35.7	34.4	75,000	55,000
Oats for grain	85,900	80,000	62.7	56.7	5,386,000	4,537,000
Barley	11,600	18,000	59.0	55.8	684,000	1,004,000
Mixed grains	48,100	50,000	65.0	60.5	3,126,000	3,025,000
			- cwt. -		- cwt. -	
Potatoes	52,100	51,000	206.8	177.0	10,776,000	9,027,000
			- tons -		- tons -	
Tame hay	182,000	180,000	1.94	1.90	353,000	342,000
			- bushels -		- bushels -	
NOVA SCOTIA						
Spring wheat	1,400	2,000	38.6	41.5	54,000	83,000
Oats for grain	25,700	24,000	56.8	52.6	1,460,000	1,262,000
Barley	3,600	6,000	50.6	48.7	182,000	292,000
Mixed grains	10,100	13,000	56.7	52.8	573,000	686,000
			- cwt. -		- cwt. -	
Potatoes	6,200	5,000	156.9	153.0	973,000	765,000
			- tons -		- tons -	
Tame hay	226,000	218,000	2.30	2.02	520,000	440,000
			- bushels -		- bushels -	
NEW BRUNSWICK						
Spring wheat	4,000	4,100	33.5	38.8	134,000	159,000
Oats for grain	72,600	74,000	50.5	52.0	3,666,000	3,850,000
Barley	5,600	9,000	44.5	47.3	249,000	426,000
Mixed grains	9,500	8,000	50.0	49.8	475,000	398,000
			- cwt. -		- cwt. -	
Potatoes	64,900	62,000	222.7	180.5	14,450,000	11,191,000
			- tons -		- tons -	
Tame hay	243,000	234,000	1.95	2.04	474,000	477,000

For footnotes see page 8.

August Forecast of the 1967 Production of Principal Field Crops in Canada, Compared with Latest Estimates for 1966

Province and crop	Area		Yield per acre		Production	
	1966(1)	1967	1966	1967(2)	1966(1)	1967(2)
<u>QUEBEC</u>	- acres -		- bushels -		- bushels -	
Spring wheat	29,000	29,100	26.5	27.8	768,000	809,000
Oats for grain	1,002,000	1,018,000	43.1	44.2	43,186,000	44,996,000
Barley	15,500	17,000	37.0	40.7	574,000	692,000
Fall rye	4,900	4,900	23.5	20.9	115,000	102,000
Flaxseed	18,500	17,000	15.4	16.0	285,000	272,000
Mixed grains	102,000	110,000	43.4	44.0	4,427,000	4,840,000
Potatoes	74,700	71,000	- cwt. -		- cwt. -	
			- tons -		- tons -	
Tame hay	3,378,000	3,353,000	1.98	2.09	6,688,000	7,008,000
			- bushels -		- bushels -	
<u>ONTARIO</u>						
Winter wheat	341,000	400,000	44.6	40.0	15,200,000	16,000,000
Spring wheat	22,000	13,000	28.5	28.6	627,000	372,000
All wheat	363,000	413,000	43.6	39.6	15,827,000	16,372,000
Oats for grain	1,219,000	1,083,000	48.6	57.6	59,243,000	62,381,000
Barley	265,000	285,000	42.4	48.2	11,236,000	13,737,000
Fall rye	47,100	49,000	27.8	27.7	1,309,000	1,357,000
Flaxseed	14,500	7,000	14.8	16.0	215,000	112,000
Mixed grains	845,000	815,000	48.4	58.3	40,898,000	47,514,000
Potatoes	52,100	48,000	- cwt. -		- cwt. -	
			- tons -		- tons -	
Tame hay	3,418,000	3,440,000	2.31	2.28	7,896,000	7,843,000
			- bushels -		- bushels -	
<u>MANITOBA</u>						
Spring wheat(3)	3,255,000	3,520,000	24.3	23.9	79,000,000	84,000,000
Oats for grain(4)	1,530,000	1,600,000	41.8	40.0	64,000,000	64,000,000
Barley	875,000	970,000	32.0	33.0	28,000,000	32,000,000
Fall rye	97,500	140,000	24.0	17.7	2,344,000	2,483,000
Spring rye	3,000	1,100	18.7	15.5	56,000	17,000
All rye	100,500	141,100	23.9	17.7	2,400,000	2,500,000
Flaxseed	1,107,000	718,000	9.0	9.1	10,000,000	6,500,000
Mixed grains	184,000	178,000	37.2	36.5	6,845,000	6,500,000
Rapeseed	170,000	176,000	12.4	15.9	2,100,000	2,800,000
Potatoes	24,500	24,300	- cwt. -		- cwt. -	
			- tons -		- tons -	
Tame hay	1,065,000	1,052,000	1.97	1.43	2,098,000	1,500,000
			- bushels -		- bushels -	
<u>SASKATCHEWAN</u>						
Spring wheat(3)	19,405,000	19,670,000	27.7	15.8	537,000,000	311,000,000
Oats for grain(4)	1,838,000	1,530,000	50.6	30.1	93,000,000	46,000,000
Barley	2,255,000	2,350,000	42.6	25.1	96,000,000	59,000,000
Fall rye	328,000	319,000	23.2	14.6	7,600,000	4,670,000
Spring rye	70,300	58,200	19.9	12.5	1,400,000	730,000
All rye	398,300	377,200	22.6	14.3	9,000,000	5,400,000
Flaxseed	429,000	193,000	14.0	7.8	6,000,000	1,500,000
Mixed grains	153,000	128,000	43.6	26.6	6,671,000	3,400,000
Rapeseed	731,000	675,000	17.4	16.0	12,700,000	10,800,000

August Forecast of the 1967 Production of Principal Field Crops in Canada, Compared with Latest Estimates for 1966

Province and crop	Area		Yield per acre		Production	
	1966(1)	1967	1966	1967(2)	1966(1)	1967(2)
	acres		cwt.		cwt.	
ASKATCHEWAN - (concl'd.)						
Potatoes.....	8,500	8,000	72.8	60.8	619,000	486,000
			tons		tons	
Tame hay.....	1,246,000	1,100,000	1.71	1.00	2,131,000	1,100,000
			bushels		bushels	
ALBERTA						
Spring wheat(3).....	6,506,000	6,380,000	29.4	20.8	191,000,000	133,000,000
Oats for grain(4).....	2,082,000	1,960,000	48.5	39.3	101,000,000	77,000,000
Barley.....	3,880,000	4,280,000	41.0	30.4	159,000,000	130,000,000
Fall rye.....	143,000	158,000	26.2	20.9	3,750,000	3,300,000
Spring rye.....	29,300	25,000	18.8	16.0	550,000	400,000
All rye.....	172,300	183,000	25.0	20.2	4,300,000	3,700,000
Flaxseed.....	347,000	171,000	15.9	11.1	5,500,000	1,900,000
Mixed grains.....	410,000	361,000	44.3	34.3	18,163,000	12,400,000
Rapeseed.....	624,000	875,000	17.6	13.7	11,000,000	12,000,000
			cwt.		cwt.	
Potatoes.....	25,400	22,400	153.8	133.9	3,907,000	3,000,000
			tons		tons	
Tame hay.....	2,938,000	2,875,000	1.61	1.29	4,730,000	3,700,000
			bushels		bushels	
BRITISH COLUMBIA						
Spring wheat.....	127,000	101,000	27.4	19.8	3,480,000	2,000,000
Oats for grain.....	68,700	67,100	54.4	35.0	3,737,000	2,350,000
Barley.....	150,000	180,000	35.4	20.0	5,310,000	3,600,000
Fall rye.....	2,700	3,100	35.6	31.0	96,000	96,000
Flaxseed.....	1,700	1,400	11.8	8.6	20,000	12,000
Mixed grains.....	4,900	5,200	54.1	41.0	265,000	213,000
			cwt.		cwt.	
Potatoes.....	10,500	9,900	201.8	180.8	2,119,000	1,790,000
			tons		tons	
Tame hay.....	458,000	450,000	2.53	2.20	1,159,000	990,000

August Forecast of the 1967 Production of Principal Field Crops in the Prairie Provinces, Compared with Latest Estimates for 1966

Crop	Area		Yield per Acre		Production	
	1966(1)	1967	1966	1967(2)	1966(1)	1967(2)
	acres		bushels		bushels	
Wheat(3).....	29,166,000	29,570,000	27.7	17.9	807,000,000	528,000,000
Oats(4).....	5,450,000	5,090,000	47.3	36.7	258,000,000	187,000,000
Barley.....	7,010,000	7,600,000	40.4	29.1	283,000,000	221,000,000
Rye.....	671,100	701,300	23.4	16.5	15,700,000	11,600,000
Flaxseed.....	1,883,000	1,082,000	11.4	9.1	21,500,000	9,900,000
Rapeseed.....	1,525,000	1,726,000	16.9	14.8	25,800,000	25,600,000

August Forecast of the 1967 Production of Durum Wheat in the Prairie Provinces
Compared with Latest Estimate for 1966

Province	Area		Yield per acre		Production	
	1966(1)	1967	1966	1967(2)	1966(1)	1967(2)
	acres		bushels		bushels	
Manitoba.....	43,000	53,000	20.9	20.8	900,000	1,100,000
Saskatchewan..	905,000	1,130,000	26.5	13.8	24,000,000	15,600,000
Alberta.....	116,000	139,000	30.2	19.4	3,500,000	2,700,000
Total....	1,064,000	1,322,000	26.7	14.7	28,400,000	19,400,000

(1) Revised on the basis of 1966 Census acreage data.

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

(3) Includes durum wheat.

(4) 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 1967 is forecast, in millions of bushels, as follows, with 1966 totals within brackets: winter wheat, 16.0 (15.2); spring wheat, 531.5 (812.1); all wheat, 547.5 (827.3); oats for grain, 306.4 (374.7); barley, 240.8 (301.2); fall rye, 12.0 (15.2); spring rye, 1.1 (2.0); all rye, 13.2 (17.2); flaxseed, 10.3 (22.0); and rapeseed, 25.6 (25.8). The average yields per acre, in bushels, are forecast as follows, with 1966 averages within brackets: winter wheat, 40.0 (44.6); spring wheat, 17.9 (27.7); all wheat, 18.2 (27.9); oats for grain, 41.2 (47.3); barley, 29.7 (40.4); fall rye, 17.8 (24.4); spring rye, 13.6 (19.6); all rye, 17.3 (23.7); flaxseed, 9.3 (11.5); and rapeseed, 14.8 (16.9).

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 1966 totals within brackets: three provinces - wheat, 528.0 (807.0); oats for grain, 187.0 (258.0); barley, 221.0 (283.0); rye, 11.6 (15.7); flaxseed, 9.9 (21.5); rapeseed, 25.6 (25.8); Manitoba - wheat, 84.0 (79.0); oats for grain, 64.0 (64.0); barley, 32.0 (28.0); rye, 2.5 (2.4); flaxseed, 6.5 (10.0); rapeseed, 2.8 (2.1); Saskatchewan - wheat, 311.0 (537.0); oats for grain, 46.0 (93.0); barley, 59.0 (96.0); rye, 5.4 (9.0); flaxseed, 1.5 (6.0); rapeseed, 10.8 (12.7); Alberta - wheat, 133.0 (191.0); oats for grain, 77.0 (101.0); barley, 130.0 (159.0); rye, 3.7 (4.3); flaxseed, 1.9 (5.5); rapeseed, 12.0 (11.0).

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