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AUGUST ESTIMATE OF PRODUCTION OF PRINCIPAL FIELD CROPS, CANADA, 1952

The first estimate of the 1952 production of principal grain crops, hay and potatoes in Canada is presented herewith. Since harvesting of spring grains and potatoes is not yet general over much of the country, this first crop estimate is in the nature of a forecast and may be subject to significant revisions in the light of actual harvesting results. These yield estimates are based on July 31 reports from crop correspondents throughout Canada and on information supplied through the officials responsible for agricultural statistics in each of the provinces. The acreages seeded to the various crops for harvest in 1952 are obtained from the Bureau's annual June 1 acreage survey.

Acreage data for 1951, which are published for comparative purposes, are based on the 1951 census of agriculture. Yield and production figures are also published for 1951, the latter having been revised provisionally to reflect the substitution of census acreages for the previously published annual acreage estimates. The 1951 estimates may be further revised when final disposition data for the 1951-52 crop year become available. Revised data on acreage and production of field crops for the intercensal period 1941-1951 are in the course of preparation and will be released at a later date. The second estimate of production of 1952 field crops is scheduled for release on September 16.

Based on conditions at July 31, Canadian farmers are expected to harvest all-time record crops of wheat and barley in 1952. The oat crop prospects are for the second highest yield per acre on record but acreages of this crop are at a relatively low level and the anticipated total production has been exceeded in six previous years. The expected yield of rye is also well above average and, if realized, the estimated production of this crop will be the third highest on record. With the exception of mixed grains and tame hay, average yields per acre for all Canada of all crops covered in this report are above last year's levels and are all significantly above the long-time (1908-50) average. In general, extremely high grain yields are in prospect throughout western Canada while in the east the situation is rather less favourable. Unseasonable weather has hampered crop development at various stages of the season in parts of central Canada and the Maritimes and production of most spring grains in these regions will be below last year's levels.

Wheat Reflecting nearly ideal growing conditions in western Canada this season, Canada's 1952 wheat crop is currently estimated at the unprecedented total of 656 million bushels compared with last year's (revised) estimate of 553 million and the previous record of 567 million harvested in 1928. A wheat crop of the size indicated this year would be about 70 per cent above the unrevised ten-year (1941-50) average of 387 million bushels. It should be noted, however, that much of the crop is immature at this date and is accordingly susceptible to frost damage and other weather hazards. Several weeks of warm, dry weather will still be required to fully complete the harvest and to assure

Note: Data for Newfoundland not available.

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ample supplies of high quality grain. The total acreage seeded to wheat this year is placed at 26 million acres, about 9 per cent below the record 28.7 million seeded in 1940. However, the estimated average yield of 25.2 bushels is well above both last year's yield of 21.9 and the long-time (1908-50) average of 16.2 bushels per acre.

In the Prairie Provinces the wheat crop is expected to yield 632 million bushels as against 529 million last year and the previous record of 545 million in 1928. The anticipated yield per acre of wheat in the Prairie Provinces is 25.1 bushels, with Manitoba averaging 23.2, Saskatchewan 24.2 and Alberta 28.1 bushels per acre. Production in Saskatchewan is placed at 397 million bushels while that in Alberta and Manitoba is estimated at 180 million and 55 million bushels, respectively. Small quantities of winter wheat are included with spring wheat in the estimates for the Prairie Provinces.

Wheat production in the remainder of Canada is estimated at about 24 million bushels. Ontario's anticipated outturn of 21.5 million bushels accounts for the greater part of Canadian wheat grown outside the Prairie Provinces. Some 20.8 million bushels of the 1952 Ontario crop is winter wheat which is expected to yield an average of 32 bushels per acre.

Oats Production of oats in 1952 is estimated at 466 million bushels compared with 488 million in 1951. The 1952 oat crop is well below 1951 levels in all eastern provinces, unchanged in Saskatchewan, and greater than in 1951 in Manitoba, Alberta and British Columbia.

Barley The 1952 barley crop, currently estimated at 295 million bushels is some 50 million greater than in 1951 and 36 million in excess of the previous record crop of 259 million harvested in 1942. The anticipated barley production in all eastern provinces is below the 1951 level, while sharp increases are indicated for all western provinces.

Rye With increases over 1951 in both acreage and average yield per acre, the 1952 rye crop promises to yield 24.9 million bushels. A crop of this size would be the third largest on record, having been exceeded only in the years 1948 and 1922. Nearly all of Canada's rye acreage is located in the Prairie Provinces with Saskatchewan being the major producer.

Flaxseed This year's flaxseed crop, placed at 13 million bushels is well above last year's 9.9 million. As in the case of rye, most of Canada's flaxseed is grown in the Prairie Provinces.

Mixed Grain Canada's 1952 crop of mixed grain is placed at 60.4 million bushels compared with 68.5 million last year. Most of this crop is grown in the eastern provinces and the indicated lower 1952 outturns reflect the relatively unsatisfactory weather conditions experienced during much of the growing season in large sections of eastern Canada.

Tame Hay Due to difficulties in obtaining satisfactory annual acreage estimates for alfalfa, this crop as well as clover is now included under 'tame hay'. The all-Canada hay crop is estimated at 18.2 million tons as against 19.5 million last year. However, weather conditions favoured hay production in the Maritimes, Quebec and British Columbia with production exceeding 1951 levels while adverse weather reduced yields below last year in Ontario and the Prairies.

Potatoes The 1952 potato crop is estimated at 52.8 million bushels compared with the 1951 (revised) production of 48.4 million. The greater part of the gain is attributable to increased production in Prince Edward Island, Ontario, Alberta and British Columbia.

First Estimate of the Production of Grain Crops

The production of the principal grain crops in Canada in 1952 is now estimated, in bushels, as follows, with the 1951 figures within brackets: Winter wheat 20,768,000 (19,696,000); spring wheat 635,299,000 (532,961,000); all wheat 656,067,000 (552,657,000); oats for grain 465,668,000 (488,191,000); barley 295,333,000 (245,218,000); fall rye 15,131,000 (11,277,000); spring rye 9,780,000 (6,370,000); all rye 24,911,000 (17,647,000); flaxseed 12,996,000 (9,897,000). The average yields per acre, in bushels, are estimated as follows, with the 1951 averages within brackets: Winter wheat 32.0 (28.0); spring wheat 25.1 (21.7); all wheat 25.2 (21.9); oats for grain 42.1 (41.0); barley 34.8 (31.3); fall rye 20.0 (15.8); spring rye 19.6 (15.3); all rye 19.8 (15.7); flaxseed 10.8 (8.5).

Production of Grain Crops in the Prairie Provinces

For the Prairie Provinces the first estimate of the production of grain crops in 1952, in bushels, is as follows, with the 1951 figures within brackets: Three Provinces - Wheat 632,000,000 (529,000,000); oats for grain 350,000,000 (340,000,000); barley 285,000,000 (234,000,000); rye 23,350,000 (15,980,000); flaxseed 12,000,000 (8,870,000). Manitoba - Wheat 55,000,000 (52,000,000); oats for grain 63,000,000 (58,000,000); barley 67,000,000 (56,000,000); rye 950,000 (835,000); flaxseed 5,700,000 (5,000,000). Saskatchewan - Wheat 397,000,000 (325,000,000); oats for grain 148,000,000 (148,000,000); barley 88,000,000 (73,000,000); rye 14,200,000 (9,800,000); flaxseed 4,200,000 (2,300,000). Alberta - Wheat 180,000,000 (152,000,000); oats for grain 139,000,000 (134,000,000); barley 130,000,000 (105,000,000); rye 8,200,000 (5,345,000); flaxseed 2,100,000 (1,570,000).

First Estimate of the Production of Tame Hay (including clover and alfalfa)

The total production of tame hay (including clover and alfalfa), in tons, is now estimated as follows, with last year's figures within brackets: Canada 18,184,000 (19,484,000); Prince Edward Island 418,000 (385,000); Nova Scotia 847,000 (690,000); New Brunswick 930,000 (793,000); Quebec 5,950,000 (5,875,000); Ontario 5,714,000 (7,357,000); Manitoba 535,000 (650,000); Saskatchewan 950,000 (1,017,000); Alberta 2,100,000 (2,157,000); British Columbia 740,000 (560,000).

Condition of Pasture

At July 31, 1952, the condition of pasture for all Canada, expressed in percentage of the long-time average ~~yield per acre~~, is reported as follows, with the condition figures for June 30, 1952, and July 31, 1951, within brackets: Pasture 97 (97; 104).

August Estimate of the 1952 Production of Principal Field Crops in Canada,
Compared with 1951

Province and Crop	Area		Yield Per Acre		Production	
	1951 1/	1952	1951	1952	1951 2/	1952
<u>CANADA</u>	acres	acres	bu.	bu.	bu.	bu.
Winter wheat	703,000	649,000	28.0	32.0	19,696,000	20,768,000
Spring wheat	24,551,400	25,345,000	21.7	25.1	532,961,000	635,299,000
All wheat	25,254,400	25,994,000	21.9	25.2	552,657,000	656,067,000
Oats for grain	11,896,600	11,062,400	41.0	42.1	488,191,000	465,668,000
Barley	7,839,800	8,475,300	31.3	34.8	245,218,000	295,333,000
Fall rye	711,600	757,700	15.8	20.0	11,277,000	15,131,000
Spring rye	415,000	499,600	15.3	19.6	6,370,000	9,780,000
All rye	1,126,600	1,257,300	15.7	19.8	17,647,000	24,911,000
Mixed grains	1,524,300	1,565,300	44.9	38.6	68,509,000	60,392,000
Potatoes	284,900	294,200	169.7	179.3	48,355,000	52,761,000
Flaxseed	1,158,500	1,206,500	8.5	10.8	9,897,000	12,996,000
			tons	tons	tons	tons
Tame hay 3/	10,538,000	10,682,400	1.85	1.70	19,484,000	18,184,000
<u>PRINCE EDWARD ISLAND</u>			bu.	bu.	bu.	bu.
Spring wheat	4,700	3,700	24.0	22.0	113,000	81,000
Oats for grain	100,000	96,000	39.0	38.0	3,900,000	3,648,000
Barley	4,100	4,200	32.0	31.0	131,000	130,000
Mixed grains	71,700	71,200	42.0	38.0	3,011,000	2,706,000
Potatoes	29,600	33,400	200.0	220.0	5,930,000	7,348,000
			tons	tons	tons	tons
Tame hay	204,000	199,000	1.89	2.10	385,000	418,000
<u>NOVA SCOTIA</u>			bu.	bu.	bu.	bu.
Spring wheat	1,200	900	22.0	25.0	26,000	22,000
Oats for grain	61,600	56,100	43.0	42.0	2,650,000	2,356,000
Barley	4,400	3,700	32.0	34.0	141,000	126,000
Mixed grains	8,800	9,800	40.0	43.0	352,000	421,000
Potatoes	11,300	12,000	180.0	190.0	2,034,000	2,280,000
			tons	tons	tons	tons
Tame hay	345,000	353,000	2.00	2.40	690,000	847,000
<u>NEW BRUNSWICK</u>			bu.	bu.	bu.	bu.
Spring wheat	3,400	2,800	23.0	22.0	78,000	62,000
Oats for grain	175,000	155,000	38.0	35.0	6,700,000	5,425,000
Barley	13,600	10,300	35.0	29.0	476,000	299,000
Mixed grains	6,700	7,600	41.0	32.0	275,000	243,000
Potatoes	38,100	42,700	250.0	210.0	9,510,000	8,967,000
			tons	tons	tons	tons
Tame hay	441,000	443,000	1.80	2.10	793,000	930,000
<u>QUEBEC</u>			bu.	bu.	bu.	bu.
Spring wheat	12,200	11,100	21.9	18.0	267,000	200,000
Oats for grain	1,396,000	1,363,000	34.4	24.0	47,985,000	32,712,000
Barley	61,600	60,800	30.0	24.0	1,847,000	1,459,000
Fall rye	5,000	3,500	20.5	17.0	102,000	60,000
Mixed grains	212,000	218,000	35.9	26.0	7,619,000	5,668,000
Potatoes	92,000	91,700	138.5	137.5	12,739,000	12,609,000
			tons	tons	tons	tons
Tame hay	3,654,000	3,673,000	1.61	1.62	5,875,000	5,950,000

1/ Acreages rounded from 1951 Census of Agriculture.

2/ Revised basis 1951 census data. Further revisions may be required when final disposition data become available.

3/ Including clover and alfalfa.

August Estimate of the 1952 Production of Principal Field Crops in Canada,
Compared with 1951 (continued)

Province and Crop	Area		Yield Per Acre		Production	
	1951 1/ acres	1952 acres	1951 bu.	1952 bu.	1951 2/ bu.	1952 bu.
ONTARIO						
Winter wheat	703,000	649,000	28.0	32.0	19,696,000	20,768,000
Spring wheat	43,900	36,700	21.7	20.0	952,000	734,000
All wheat	746,900	685,700	27.6	31.4	20,648,000	21,502,000
Oats for grain	1,749,000	1,732,300	47.0	38.0	82,218,000	65,827,000
Barley	194,000	200,600	37.8	32.0	7,339,000	6,419,000
Fall rye	72,400	74,700	20.8	19.0	1,505,000	1,419,000
Mixed grains	1,081,000	1,123,900	48.0	41.0	51,867,000	46,080,000
Potatoes	54,900	56,100	176.0	206.0 ^{123.6}	9,661,000	11,557,000
Flaxseed	65,800	75,100	14.6	12.0	960,000	901,000
			tons	tons	tons	tons
Tame hay	3,406,000	3,401,400	2.16	1.68	7,357,000	5,714,000
MANITOBA						
			bu.	bu.	bu.	bu.
Spring wheat	2,326,000	2,368,000	22.4	23.2	52,000,000	55,000,000
Oats for grain	1,643,000	1,611,000	35.3	39.1	58,000,000	63,000,000
Barley	2,040,000	2,165,000	27.5	30.9	56,000,000	67,000,000
Fall rye	41,800	44,100	16.4	17.5	685,000	770,000
Spring rye	11,000	10,600	13.6	17.0	150,000	180,000
All rye	52,800	54,700	15.8	17.4	835,000	950,000
Mixed grains	33,000	36,600	32.0	32.8	1,056,000	1,200,000
Potatoes	15,800	17,300	142.0	138.7 ^{83.2}	2,244,000	2,400,000
Flaxseed	655,000	593,000	7.6	9.6	5,000,000	5,700,000
			tons	tons	tons	tons
Tame hay	399,000	417,000	1.63	1.28	650,000	535,000
SASKATCHEWAN						
			bu.	bu.	bu.	bu.
Spring wheat	15,635,000	16,432,000	20.8	24.2	325,000,000	397,000,000
Oats for grain	3,815,000	3,362,000	38.8	44.0	148,000,000	148,000,000
Barley	2,449,000	2,644,000	29.8	33.3	73,000,000	88,000,000
Fall rye	404,000	379,000	12.9	19.0	5,200,000	7,200,000
Spring rye	306,000	363,000	15.0	19.3	4,600,000	7,000,000
All rye	710,000	742,000	13.8	19.1	9,800,000	14,200,000
Mixed grains	27,800	24,500	38.1	38.8	1,060,000	950,000
Potatoes	15,700	14,100	122.5	134.8 ^{80.7}	1,923,000	1,900,000
Flaxseed	296,000	380,000	7.8	11.1	2,300,000	4,200,000
			tons	tons	tons	tons
Tame hay	572,000	586,000	1.78	1.62	1,017,000	950,000

1/ Acreages rounded from 1951 Census of Agriculture.

2/ Revised basis 1951 census data. Further revisions may be required when final disposition data become available.

August Estimate of the 1952 Production of Principal Field Crops in Canada,
Compared with 1951 (concluded)

Province and Crop	Area		Yield Per Acre		Production	
	1951 <u>1/</u>	1952	1951	1952	1951 <u>2/</u>	1952
	acres	acres	bu.	bu.	bu.	bu.
<u>ALBERTA</u>						
Spring wheat	6,424,000	6,404,000	23.7	28.1	152,000,000	180,000,000
Oats for grain	2,854,000	2,587,000	47.0	53.7	134,000,000	139,000,000
Barley	3,041,000	3,336,000	34.5	39.0	105,000,000	130,000,000
Fall rye	186,000	254,000	20.0	22.0	3,725,000	5,600,000
Spring rye	98,000	126,000	16.5	20.6	1,620,000	2,600,000
All rye	284,000	380,000	18.8	21.6	5,345,000	8,200,000
Mixed grains	81,000	71,300	39.0	42.1	3,159,000	3,000,000
Potatoes	17,700	16,700	133.0	167.7	2,354,000	2,800,000
Flaxseed	135,000	151,000	11.6	13.9	1,570,000	2,100,000
			tons	tons	tons	tons
Tame hay	1,206,000	1,292,000	1.79	1.63	2,157,000	2,100,000
<u>BRITISH COLUMBIA</u>						
			bu.	bu.	bu.	bu.
Spring wheat	101,000	85,800	25.0	25.6	2,525,000	2,200,000
Oats for grain	103,000	100,000	46.0	57.0	4,738,000	5,700,000
Barley	32,100	50,700	40.0	37.5	1,284,000	1,900,000
Fall rye	2,400	2,400	25.1	34.2	60,000	82,000
Mixed grains	2,300	2,400	48.0	51.7	110,000	124,000
Potatoes	9,800	10,200	200.0	284.3	1,960,000	2,900,000
Flaxseed	6,700	7,400	10.0	12.8	67,000	95,000
			tons	tons	tons	tons
Tame hay	311,000	318,000	1.80	2.33	560,000	740,000

Area and First Estimate of the 1952 Production of Principal Grain Crops
in the Prairie Provinces Compared with 1951

Crop	Area		Yield Per Acre		Production	
	1951 <u>1/</u>	1952	1951	1952	1951 <u>2/</u>	1952
	acres	acres	bu.	bu.	bu.	bu.
Wheat	24,385,000	25,204,000	21.7	25.1	529,000,000	632,000,000
Oats for grain	8,312,000	7,560,000	40.9	46.3	340,000,000	350,000,000
Barley	7,530,000	8,145,000	31.1	35.0	234,000,000	285,000,000
Rye	1,046,800	1,176,700	15.3	19.8	15,980,000	23,350,000
Flaxseed	1,086,000	1,124,000	8.2	10.7	8,870,000	12,000,000

1/ Acreages rounded from 1951 Census of Agriculture.

2/ Revised basis 1951 census data. Further revisions may be required when final disposition data become available.