

22-002

no. 7

1951

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COMMERCE

DOMINION BUREAU OF STATISTICS

Agriculture Division

OTTAWA

Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

C. R. No. 20

1951

Price: \$2.00 for series of 23 Crop Reports

September Estimate of Production of Principal Field Crops,
including Late-sown Crops, Fodder, Roots and Potatoes

Ottawa, September 14, 1951 (3 p.m.) - The Dominion Bureau of Statistics issues today its second estimate of production of Canada's principal field crops together with a first estimate of production of roots and certain late-sown crops. Since the harvest of spring grains as well as late-sown crops is abnormally late this year over much of the country, these estimates should be considered in the nature of forecasts and may be subject to significant revisions in the light of actual harvesting conditions. The yield estimates are based on August 31 reports from crop correspondents and on information supplied by processing companies and officials responsible for agricultural statistics in each of the provinces. The acreages seeded to the various crops, with certain exceptions, are obtained from the Bureau's annual June 1 survey and include all revisions to date.

It is emphasized that an abnormally low proportion of our correspondents' yield reports at August 31 in both Western Canada and the Maritimes was based on actual threshing returns. Crops were still green in many parts of the Prairies and in other areas where grain had been swathed or stooked frequent rains had prevented combining and threshing. Since August 31, weather has remained generally unsatisfactory for harvesting over wide areas of the Prairies and sprouting in both swaths and stooks is reported. Wet weather has also been responsible for considerable lodging of grain in the Maritime Provinces as well as in the Prairies. Should these conditions persist much longer, significant losses in both yield and quality may be anticipated. In practically all parts of the country where harvesting has not been completed an extended period of dry frost-free weather is needed to permit full realization of current forecasts.

In general, the second estimates of production of field crops show little change from those issued on August 15. On the basis of conditions at August 31, record crops are indicated for wheat, mixed grains, soybeans, hay and clover and alfalfa, a near-record crop for barley, and above-average outturns for most other crops. An important exception to this generally optimistic picture is the below-average potato crop, due in large part to a sharply reduced acreage.

Wheat - Canada's 1951 wheat crop, currently forecast at 579 million bushels, is 118 million bushels greater than the 1950 outturn and about 12 million above the previous record set in 1928. This year's production is being obtained from a seeded area of 25.7 million acres with an average yield of 22.5 bushels per acre. In the Prairie Provinces the wheat crop is expected to amount to 548 million bushels as against 427 million last year and the previous record of 545 million in 1928. Production in Saskatchewan is placed

Data for Newfoundland not available

at 329 million bushels while the outturn in Alberta and Manitoba is estimated at 169 million and 50 million, respectively. Relatively small quantities of winter wheat are included with spring wheat in the estimates for the Prairie Provinces. In the remainder of Canada production of wheat is placed at 31.3 million bushels, with Ontario's outturn of 26.1 million (of which 25.1 million is winter wheat) accounting for the greater part.

Oats - Production of oats in 1951 is now estimated at 502 million bushels, 82 million greater than in 1950 and about 95 million above the ten-year (1941-1950) average. A crop of the size indicated would be the fourth largest in the country's history, but well below the record 652 million bushels harvested in 1942. All provinces except Prince Edward Island and Manitoba show increases in production over last year, with the most significant increases taking place in Alberta and Saskatchewan.

Barley - The 1951 barley crop, currently placed at 257 million bushels, is only slightly below the record 259 million bushels harvested in 1942 and is about 86 million above the 1950 outturn. Anticipated production this year equals or exceeds that of 1950 in all provinces except Quebec and Manitoba, with most of the increase, as with oats, occurring in Alberta and Saskatchewan.

Rye - The combined outturn of fall and spring rye is placed at 18.8 million bushels, compared with 13.3 million in 1950 and the average of 12.9 million for the preceding ten years. Considerably higher average yields per acre for both fall and spring rye are responsible for the increase in this year's crop over that of 1950.

Flaxseed - This year's flaxseed crop, now estimated at 9.9 million bushels, is slightly more than double the 1950 outturn of 4.7 million, with almost all of the increase attributable to greater acreage. The average yield for all Canada is estimated at 8.9 bushels per acre as against 8.4 bushels in 1950.

Mixed Grains - Production of mixed grains, grown principally in Eastern Canada, is expected to set a new record of 81.4 million bushels in 1951. This year's crop is being harvested from a seeded area of 1.8 million acres averaging 45.1 bushels per acre.

Dry Peas and Beans - The 1951 production of dry peas is placed at 831,000 bushels as against 812,000 last year while the dry bean crop is estimated at 1,181,000 bushels, compared with the 1950 outturn of 1,350,000 bushels. Acreages seeded to both crops were somewhat below last year's levels.

Shelled Corn - Production of shelled corn in 1951 is estimated at 15.1 million bushels, compared with 13.8 million in 1950. With the exception of an estimated 300,000 bushels in Manitoba, all of this year's shelled corn crop is being produced in Ontario.

Potatoes - The combination of decreased acreages in all provinces and smaller yields in all but the Prairie Provinces has reduced the 1951 potato crop to an estimated 70.9 million bushels as against 97.0 million last year. The all-Canada average yield is estimated at 177 bushels per acre compared with 192 bushels in 1950.

Sugar Beets - Production of sugar beets is estimated at slightly over one million tons, compared with last year's record 1.1 million

tons. Slight declines in both acreage for harvest and average yields per acre contributed to the reduction from last year's level.

Forage Crops - Record crops of hay and clover and alfalfa were grown in Canada this year but prolonged wet weather during the harvesting season reduced the quality of these crops in many parts of Eastern Canada. Production of hay and clover is placed at 17.9 million tons as against 12.9 million last year while the alfalfa crop is estimated at 3.9 million tons, compared with 3.2 million in 1950. Production of fodder corn, on the other hand, is down from last year's 6.4 million tons to an estimated 4.8 million tons.

Other Crops - Canada's 1951 crop of soybeans is expected to set a new record of just under 4 million bushels, about 700,000 bushels greater than the previous record crop harvested last year. Production of buckwheat, a relatively minor grain crop, is placed at 4.1 million bushels, slightly higher than the 1950 crop of 4.0 million. The 1951 crop of field roots (turnips, mangels, etc.) for live-stock feed, excluding the Prairie Provinces for which data are not currently available, is placed at 19.5 million hundredweight as against 23.1 million in 1950.

Summary Comparisons of Production, 1951 and 1950

All Canada - The total production of the principal grain crops in Canada for 1951 is now estimated, in bushels, as follows with the 1950 figures within brackets: Wheat 579,338,000 (461,664,000); oats 502,114,000 (419,930,000); barley 257,051,000 (171,393,000); rye 18,841,000 (13,333,000); dry peas 831,000 (812,000); dry beans 1,181,000 (1,350,000); soybeans 3,962,000 (3,323,000); buckwheat 4,127,000 (3,977,000); mixed grains 81,439,000 (74,190,000); flaxseed 9,895,000 (4,686,000); shelled corn 15,115,000 (13,839,000). The average yields per acre, in bushels, are estimated as follows, with the 1950 figures within brackets: Wheat 22.5 (17.1); oats 41.6 (36.3); barley 32.0 (25.9); rye 16.7 (11.4); dry peas 19.0 (16.4); dry beans 17.6 (17.9); soybeans 22.5 (23.4); buckwheat 24.4 (25.6); mixed grains 45.1 (44.2); flaxseed 8.9 (8.4); shelled corn 50.4 (45.3).

The production of root and fodder crops in 1951 is now estimated as follows, with the 1950 figures within brackets; Potatoes 70,931,000 bushels (97,045,000 bushels); field roots 19,500,000 hundredweight (23,093,000 hundredweight); hay and clover 17,902,000 tons (12,913,000 tons); alfalfa 3,949,000 tons (3,233,000); fodder corn 4,793,000 tons (6,421,000 tons); sugar beets 1,036,970 tons (1,128,000 tons).

The average yields per acre are as follows, with last year's figures within brackets: Potatoes 177.0 bushels (192.0 bushels); field roots 213.0 hundredweight (225.0 hundredweight); hay and clover 1.85 tons (1.40 tons); alfalfa 2.50 tons (2.09 tons); fodder corn 8.74 tons (10.22 tons); sugar beets 10.67 tons (11.10 tons).

Prairie Provinces - According to the second estimate, the production of the five principal grain crops in the Prairie Provinces is, in bushels, as follows, with the 1950 figures within brackets: Three Provinces - Wheat 548,000,000 (427,000,000); oats 328,000,000 (254,000,000); barley 242,000,000 (157,000,000); rye 16,910,000 (11,200,000); flaxseed 9,100,000 (4,300,000). Manitoba - Wheat 50,000,000 (50,000,000); oats 57,000,000 (70,000,000); barley 54,000,000 (55,000,000); rye 710,000 (1,300,000); flaxseed 4,800,000 (2,900,000). Saskatchewan - Wheat 329,000,000 (260,000,000); oats 142,000,000 (112,000,000); barley 79,000,000 (46,000,000); rye 9,600,000 (6,200,000); flaxseed 2,900,000 (1,000,000). Alberta - Wheat 169,000,000 (117,000,000); oats 129,000,000 (72,000,000); barley 109,000,000 (56,000,000); rye 6,600,000 (3,700,000); flaxseed 1,400,000 (400,000).

**September Estimate of Production of Principal Field Crops, Including First Estimate
of Production of Late-sown Crops, Fodder and Roots 1951 as Compared with 1950**

Crops	Area*		Yield Per Acre		Production	
	1950	1951	1950	1951	1950	1951
<u>CANADA</u>	acres	acres	bu.	bu.	bu.	bu.
Winter wheat	928,000	911,300	32.4	27.5	30,067,000	25,061,000
Spring wheat	26,093,200	24,820,000	16.5	22.3	431,597,000	554,277,000
All wheat	27,021,200	25,731,300	17.1	22.5	461,664,000	579,338,000
Oats	11,575,100	12,065,400	36.3	41.6	419,930,000	502,114,000
Barley	6,624,800	8,035,900	25.9	32.0	171,393,000	257,051,000
Fall rye	830,000	770,000	11.2	16.3	9,256,000	12,549,000
Spring rye	337,900	357,000	12.1	17.6	4,077,000	6,292,000
All rye	1,167,900	1,127,000	11.4	16.7	13,333,000	18,841,000
Peas, dry	49,400	43,700	16.4	19.0	812,000	831,000
Beans, dry	75,500	67,100	17.9	17.6	1,350,000	1,181,000
Soybeans	142,000	176,100	23.4	22.5	3,323,000	3,962,000
Buckwheat	155,400	169,400	25.6	24.4	3,977,000	4,127,000
Mixed grains	1,679,200	1,806,900	44.2	45.1	74,190,000	81,439,000
Flaxseed	560,000	1,112,200	8.4	8.9	4,686,000	9,895,000
Corn, shelled	305,600	299,900	45.3	50.4	13,839,000	15,115,000
Potatoes	505,200	400,900	192.0	177.0	97,045,000	70,931,000
			cwt.	cwt.	cwt.	cwt.
Field roots	102,800	91,700	225.0	213.0	23,093,000	19,500,000
			tons	tons	tons	tons
Hay and clover	9,254,000	9,666,700	1.40	1.85	12,913,000	17,902,000
Alfalfa	1,546,800	1,580,900	2.09	2.50	3,233,000	3,949,000
Fodder corn	628,500	548,700	10.22	8.74	6,421,000	4,793,000
Sugar beets	101,650	97,150	11.10	10.67	1,128,000	1,036,970
<u>PRINCE EDWARD ISLAND</u>			bu.	bu.	bu.	bu.
Spring wheat	7,200	9,800	26.0	24.0	187,000	235,000
Oats	113,000	112,000	44.0	38.0	4,972,000	4,256,000
Barley	11,800	14,500	36.0	32.0	425,000	464,000
Buckwheat	900	500	27.0	24.0	24,000	12,000
Mixed grains	80,200	90,000	46.0	40.0	3,689,000	3,600,000
Potatoes	45,100	31,400	255.0	214.0	11,500,000	6,720,000
			cwt.	cwt.	cwt.	cwt.
Field roots	12,900	13,000	274.0	264.0	3,535,000	3,432,000
			tons	tons	tons	tons
Hay and clover	226,000	222,000	1.30	1.95	294,000	433,000
Fodder corn	1,200	1,000	9.50	6.40	11,000	6,000
<u>NOVA SCOTIA</u>			bu.	bu.	bu.	bu.
Spring wheat	1,500	2,400	30.0	23.0	45,000	55,000
Oats	68,900	72,300	46.0	45.0	3,169,000	3,254,000
Barley	7,700	7,700	37.0	37.0	285,000	285,000
Buckwheat	700	800	24.0	22.0	17,000	18,000
Mixed grains	7,700	10,600	42.0	45.0	323,000	477,000
Potatoes	21,700	18,700	240.0	185.0	5,208,000	3,460,000
			cwt.	cwt.	cwt.	cwt.
Field roots	9,400	8,900	300.0	275.0	2,820,000	2,448,000
			tons	tons	tons	tons
Hay and clover	386,000	384,000	1.85	2.20	714,000	845,000
Fodder corn	1,000	1,000	12.00	9.50	12,000	10,000

Crops	Area*		Yield Per Acre		Production	
	1950	1951	1950	1951	1950	1951
<u>NEW BRUNSWICK</u>	acres	acres	bu.	bu.	bu.	bu.
Spring wheat	3,600	5,500	25.0	23.0	90,000	127,000
Oats	184,000	197,000	45.0	43.0	8,280,000	8,471,000
Barley	17,400	22,400	38.0	34.0	661,000	762,000
Beans, dry	1,000	900	17.0	19.0	17,000	17,000
Buckwheat	15,300	12,200	31.0	29.0	474,000	354,000
Mixed grains	14,100	18,800	46.0	42.0	649,000	790,000
Potatoes	59,900	45,300	286.0	276.0	17,131,000	12,503,000
			cwt.	cwt.	cwt.	cwt.
Field roots	9,000	7,800	200.0	226.0	1,800,000	1,763,000
			tons	tons	tons	tons
Hay and clover	620,000	610,000	1.00	1.77	620,000	1,080,000
Fodder corn	2,000	1,700	8.00	8.70	16,000	15,000
<u>QUEBEC</u>			bu.	bu.	bu.	bu.
Spring wheat	32,900	29,700	21.0	23.0	691,000	683,000
Oats	1,546,000	1,522,000	33.0	34.0	50,620,000	51,748,000
Barley	142,000	135,000	30.0	30.0	4,325,000	4,050,000
Spring rye	13,700	15,700	19.0	21.0	261,000	330,000
Peas, dry	14,500	13,500	17.0	18.0	248,000	243,000
Beans, dry	9,200	8,500	17.0	18.0	158,000	153,000
Buckwheat	74,900	74,300	26.0	25.0	1,916,000	1,858,000
Mixed grains	354,000	361,000	35.0	34.0	12,316,000	12,274,000
Potatoes	161,000	137,000	163.0	149.0	26,200,000	20,413,000
			cwt.	cwt.	cwt.	cwt.
Field roots	26,100	23,700	185.0	179.0	4,826,000	4,242,000
			tons	tons	tons	tons
Hay and clover	3,727,000	3,785,000	1.23	1.69	4,594,000	6,397,000
Alfalfa	105,000	107,000	1.94	2.25	204,000	241,000
Fodder corn	144,000	127,000	9.67	7.66	1,393,000	973,000
Sugar beets	11,750	10,000	12.50	10.00	147,000	100,000
<u>ONTARIO</u>			bu.	bu.	bu.	bu.
Winter wheat	928,000	911,300	32.4	27.5	30,067,000	25,061,000
Spring wheat	55,000	45,600	21.2	22.6	1,166,000	1,031,000
All wheat	983,000	956,900	31.8	27.3	31,233,000	26,092,000
Oats	2,128,000	2,120,700	45.2	48.1	96,186,000	102,006,000
Barley	222,000	223,500	37.5	39.1	8,325,000	8,739,000
Fall rye	91,000	75,900	20.4	20.8	1,856,000	1,579,000
Peas, dry	17,700	11,100	16.0	21.1	283,000	234,000
Beans, dry	64,900	57,300	18.0	17.5	1,168,000	1,003,000
Soybeans	142,000	176,100	23.4	22.5	3,323,000	3,962,000
Buckwheat	58,600	76,600	25.1	23.5	1,471,000	1,800,000
Mixed grains	1,144,000	1,230,800	48.0	49.5	54,912,000	60,925,000
Flaxseed	32,000	52,200	11.4	13.8	365,000	720,000
Corn, shelled	275,600	284,900	48.8	52.0	13,449,000	14,815,000
Potatoes	113,000	80,000	192.0	186.0	21,696,000	14,880,000
			cwt.	cwt.	cwt.	cwt.
Field roots	43,700	36,800	224.0	200.0	9,789,000	7,360,000
			tons	tons	tons	tons
Hay and clover	2,836,000	3,182,700	1.59	2.15	4,509,000	6,843,000
Alfalfa	794,000	817,300	2.23	2.84	1,771,000	2,321,000
Fodder corn	452,100	391,600	10.70	9.33	4,837,000	3,654,000
Sugar beets	33,550	31,550	11.51	11.00	386,000	346,970

Crops	Area*		Yield Per Acre		Production	
	1950	1951	1950	1951	1950	1951
	acres	acres	bu.	bu.	bu.	bu.
MANITOBA						
Spring wheat	2,382,000	2,400,000	21.0	20.8	50,000,000	50,000,000
Oats	1,610,000	1,740,000	43.5	32.8	70,000,000	57,000,000
Barley	1,717,000	2,040,000	32.0	26.5	55,000,000	54,000,000
Fall rye	69,000	33,100	15.9	17.2	1,100,000	570,000
Spring rye	13,400	9,300	14.9	15.1	200,000	140,000
All rye	82,400	42,400	15.8	16.7	1,300,000	710,000
Peas, dry	5,500	6,600	21.0	23.0	116,000	152,000
Buckwheat	5,000	5,000	15.0	17.0	75,000	85,000
Mixed Grains	19,700	20,000	35.0	28.0	690,000	560,000
Flaxseed	300,000	594,000	9.7	8.1	2,900,000	4,800,000
Corn, shelled	30,000	15,000	13.0	20.0	390,000	300,000
Potatoes	28,100	22,100	142.0	142.0	3,990,000	3,138,000
			tons	tons	tons	tons
Hay and clover	303,000	284,000	1.95	1.40	591,000	398,000
Alfalfa	112,000	134,000	2.50	1.90	280,000	255,000
Fodder corn	19,000	20,000	5.00	4.40	95,000	88,000
Sugar beets	20,198	19,000	7.42	8.95	150,000	170,000
SASKATCHEWAN						
			bu.	bu.	bu.	bu.
Spring wheat	16,203,000	15,810,000	16.0	20.8	260,000,000	329,000,000
Oats	3,381,000	3,575,000	33.1	39.7	112,000,000	142,000,000
Barley	1,954,000	2,561,000	23.5	30.8	46,000,000	79,000,000
Fall rye	518,000	456,000	8.5	13.2	4,400,000	6,000,000
Spring rye	150,000	216,000	12.0	16.7	1,800,000	3,600,000
All rye	668,000	672,000	9.3	14.3	6,200,000	9,600,000
Peas, dry	1,000	1,000	12.0	19.7	12,000	20,000
Mixed grains	6,200	7,400	20.9	28.5	130,000	211,000
Flaxseed	177,000	352,000	5.6	8.2	1,000,000	2,900,000
Potatoes	31,900	27,800	103.0	117.0	3,300,000	3,253,000
			tons	tons	tons	tons
Hay and clover	277,000	271,000	1.67	1.64	463,000	444,000
Alfalfa	158,000	155,000	2.05	1.92	324,000	298,000
Fodder corn	4,800	2,400	2.33	2.39	11,000	6,000
ALBERTA						
			bu.	bu.	bu.	bu.
Spring wheat	7,251,000	6,364,000	16.1	26.6	117,000,000	169,000,000
Oats	2,455,000	2,639,000	29.3	48.9	72,000,000	129,000,000
Barley	2,534,000	3,011,000	22.1	36.2	56,000,000	109,000,000
Fall rye	152,000	205,000	12.5	21.5	1,900,000	4,400,000
Spring rye	160,000	115,000	11.2	19.1	1,800,000	2,200,000
All rye	312,000	320,000	11.8	20.6	3,700,000	6,600,000
Peas, dry	7,000	7,600	13.4	11.7	94,000	89,000
Mixed grains	43,300	59,300	25.0	37.0	1,083,000	2,194,000
Flaxseed	48,300	109,000	8.3	12.8	400,000	1,400,000
Potatoes	28,300	24,200	150.0	154.0	4,245,000	3,727,000
			tons	tons	tons	tons
Hay and clover	664,000	704,000	1.10	1.60	730,000	1,126,000
Alfalfa	281,000	266,000	1.50	2.20	422,000	585,000
Fodder corn	1,000	600	10.00	7.50	10,000	4,000
Sugar beets	36,152	36,600	12.31	11.48	445,000	420,000

Crops	Area*		Yield Per Acre		Production	
	1950	1951	1950	1951	1950	1951
	acres	acres	bu.	bu.	bu.	bu.
BRITISH COLUMBIA						
Spring wheat	157,000	153,000	15.4	27.1	2,418,000	4,146,000
Oats	89,200	87,400	30.3	50.1	2,703,000	4,379,000
Barley	18,900	20,800	19.7	36.1	372,000	751,000
Spring rye	800	1,000	20.0	21.5	16,000	22,000
Peas, dry	3,700	3,900	16.0	23.8	59,000	93,000
Beans, dry	400	400	18.3	21.0	7,000	8,000
Mixed grains	10,000	9,000	39.8	45.3	398,000	408,000
Flaxseed	2,700	5,000	7.6	15.0	21,000	75,000
Potatoes	16,200	14,400	233.0	197.0	3,775,000	2,837,000
			cwt.	cwt.	cwt.	cwt.
Field roots	1,700	1,500	190.0	170.0	323,000	255,000
			tons	tons	tons	tons
Hay and clover	215,000	224,000	1.85	1.50	398,000	336,000
Alfalfa	96,800	101,600	2.40	2.45	232,000	249,000
Fodder corn	3,400	3,400	10.50	10.90	36,000	37,000

* Seeded area except for winter wheat, fall rye and sugar beets where estimates are based on acreages remaining for harvest. Includes all revisions to date.

September Estimate of the 1951 Production of Principal Grain Crops
in the Prairie Provinces compared with 1950

Crops	Area		Yield Per Acre		Production	
	1950	1951	1950	1951	1950	1951
	acres	acres	bu.	bu.	bu.	bu.
Wheat	25,836,000	24,574,000	16.5	22.3	427,000,000	548,000,000
Oats	7,446,000	7,954,000	34.1	41.2	254,000,000	328,000,000
Barley	6,205,000	7,612,000	25.3	31.8	157,000,000	242,000,000
Rye	1,062,400	1,034,400	10.5	16.3	11,200,000	16,910,000
Flaxseed	525,300	1,055,000	8.2	8.6	4,300,000	9,100,000

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