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DOMINION BUREAU OF STATISTICS - CANADA
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FIELD CROPS OF CANADA

Ottawa, September 9, 1931, 4 p.m. The Dominion Bureau of Statistics issues today a bulletin reporting for 1931, (1) the preliminary estimate of the yields of the principal grain crops and (2) the condition of the late-sown crops. The estimates are based on schedules returned by a numerous corps of crop correspondents including practical farmers throughout Canada and bank managers, rural postmasters and bank and elevator agents in the Prairie Provinces and the Alberta Provincial Police. A list of selected agriculturists was also circularized, in addition to those already co-operating as regular crop correspondents.

Estimates of yield are based on acreages sown, the acreages being compiled from the annual survey conducted through the rural schools in the Prairie Provinces and Ontario and from the reports of crop correspondents in the other provinces.

CROP PRODUCTION IN CANADA, 1931.

The total estimated yields of all the small grain crops, except fall wheat, are lower in 1931 than in 1930. In the Maritime Provinces, conditions and yields are very similar to 1930. In Quebec, production will be slightly lower. Wheat, rye and flaxseed production will be higher in Ontario, but the later sown oats and barley crops were reduced by summer drought. In British Columbia, yields are generally higher than in 1930. The grain harvest has proceeded under particularly favourable weather conditions, giving promise of high quality.

The condition of the late-sown crops and pasture deteriorated because of drought during the month of August in the Maritimes, Quebec, Ontario and British Columbia, but showed a considerable improvement in the Prairie Provinces. The potato crop and pastures in the Maritime and Eastern provinces have suffered particularly from lack of rain.

THE WHEAT CROP OF THE PRAIRIE PROVINCES.

The wheat crop of the three prairie provinces is forecasted at 246,400,000 bushels as compared with 374,500,000 bushels in 1930. The map of wheat yields is similar to that of 1930, but the drought was more extreme in southern regions than in 1930. An unusually high regional variation in yields is shown, ranging from complete failure in southern regions to bumper crops in central Alberta. Another notable feature is the higher wheat production forecasted in Alberta than in Saskatchewan despite the fact that the seeded acreage in Alberta was roughly one half that of Saskatchewan. If the provincial estimates are justified by the outturn it will be the first time that Alberta has been the leading wheat-producing province.

The western wheatlands held very little reserve moisture at seeding time, so that crop growth was dependent on the rains of the growing season. These were distinctly limited and late in a somewhat triangular area bordered on the east by Brandon, Manitoba and on the west by Medicine Hat, Alberta and attaining its greatest width in central Saskatchewan. The eastern and northern parts of Manitoba, most of northern Saskatchewan, and western, central and northern Alberta were favoured with greater precipitation, although this came too late to make really heavy crops in many districts. Rust and hail caused less damage than in 1930, but cutworms and grasshoppers took a greater toll of the crops. Frost injury has been limited up to this date and with the possible exception of some areas in central Alberta, can not do much damage now, with wheat cutting completed in Manitoba, 90 per cent finished in Saskatchewan and about 75 per cent in Alberta. Threshing is about two weeks behind last year but, with excellent weather prevailing, has reached good proportions in southern regions and in the Peace River district. The quality of the crop promises to be high, although there will be shrunken kernels in the south and some starchiness in the regions of high yields. The market movement of the new crop is very tardy.

Generally speaking, the wheat crop again proved its ability to withstand adverse drought conditions better than the other small grains. The proportional reduction in wheat yield from 1930 is much less than in barley, rye and flaxseed, with the barley crop of 1931 estimated at less than half that of 1930 and the rye crop little more than one quarter.

PRELIMINARY ESTIMATE OF GRAIN YIELDS

For all Canada, the average yields per acre in bushels are as follows, with the figures for 1930 within brackets: Fall wheat 28.5 (25.8); spring wheat 10.7 (15.6); all wheat 11.3 (16.0); oats 24.9 (31.9); barley 17.8 (24.3); fall rye 7.1 (15.0); spring rye 9.9 (16.0); all rye 7.7 (15.2); flaxseed 4.6 (7.6). The total yields in bushels, based on these averages and on the areas sown, are as follows, with last year's figures within brackets: Fall wheat 21,077,000 (21,022,000); spring wheat 250,323,000 (376,850,000); all wheat 271,400,000 (397,872,000); oats 339,380,000 (423,148,000); barley 72,516,000 (135,160,200); fall rye 5,466,000 (16,321,000); spring rye 2,110,000 (5,697,500); all rye 7,576,000 (22,018,500); flaxseed 2,758,000 (4,399,000).

GRAIN YIELDS OF THE PRAIRIE PROVINCES

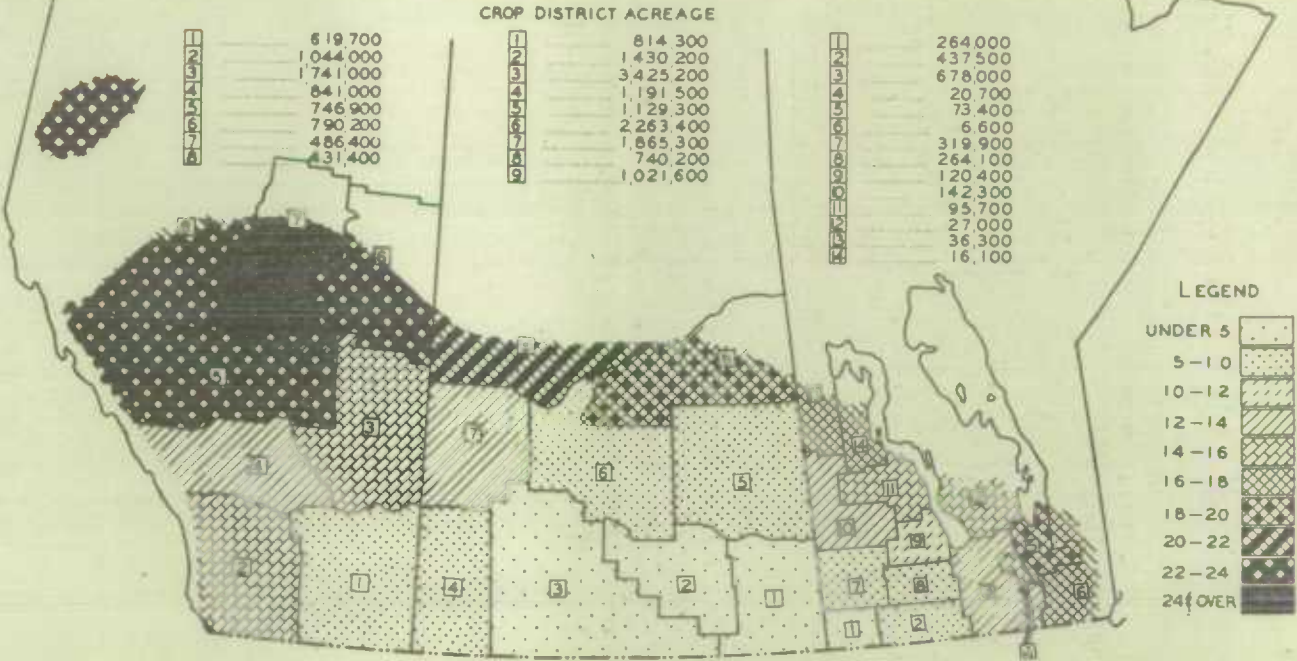
For the three Prairie Provinces, the preliminary estimates of total production in 1931, as compared with the figures for 1930 within brackets, are, in bushels, as follows: Wheat 246,400,000 (374,500,000); oats 177,700,000 (254,011,000); barley 52,800,000 (109,495,000); rye 5,970,000 (20,641,000); flaxseed 2,630,000 (4,293,000). By provinces, the yields in bushels are: Manitoba, wheat 26,000,000 (45,278,000); oats 27,200,000 (50,562,000); barley 17,800,000 (49,974,000); rye 670,000 (2,052,000); flaxseed 660,000 (1,086,000). Saskatchewan, wheat 101,300,000 (196,322,000); oats 71,300,000 (125,509,000); barley 15,300,000 (40,522,000); rye 3,100,000 (14,875,000); flaxseed 1,800,000 (3,017,000). Alberta, wheat 119,100,000 (132,900,000); oats 78,600,000 (77,940,000); barley 19,700,000 (18,999,000); rye 2,200,000 (3,714,000); flaxseed 170,000 (190,000).

CONDITION OF LATE SOWN CROPS

The average condition on August 31, 1931, of late sown crops for Canada, in percentage of the long-time average yield per acre, is reported as follows, the figures within brackets representing in the order mentioned the condition on July 31, 1931 and August 31, 1930: Peas 87 (92, 100); beans 94 (97, 91); buckwheat 95 (97, 92); mixed grains 92 (94, 103); corn for husking 101 (101, 78); potatoes 92 (95, 93); turnips, etc. 94 (97, 94); fodder corn 102 (101, 90); sugar beets 91 (95, 93); pasture 91 (96, 92).

AVERAGE YIELDS PER ACRE OF SPRING WHEAT IN THE PRAIRIE PROVINCES

ACCORDING TO THE PRELIMINARY ESTIMATE, SEPTEMBER 9, 1931



1. Preliminary Estimate of the Yield of Wheat, Oats, Barley, Rye and Flaxseed,
August 31, 1931, as compared with 1930.

Field Crops	1930 acres	1931 acres	1930 bush. per acre	1931 bush. per acre	1930 bush.	1931 bush.
<u>CANADA -</u>						
Fall wheat	815,000	739,900	25.8	28.5	21,022,000	21,077,000
Spring wheat	24,082,900	23,369,500	15.6	10.7	376,850,000	250,323,000
All wheat	24,897,900	24,109,400	16.0	11.3	397,872,000	271,400,000
Oats	13,258,700	13,650,000	31.9	24.9	423,148,000	339,380,000
Barley	5,558,700	4,075,200	24.3	17.8	135,160,200	72,516,000
Fall rye	1,091,000	771,000	15.0	7.1	16,321,000	5,466,000
Spring rye	357,050	212,150	16.0	9.9	5,697,500	2,110,000
All rye	1,448,050	983,150	15.2	7.7	22,018,500	7,576,000
Flaxseed	581,800	599,400	7.6	4.6	4,399,000	2,758,000
<u>P.E. ISLAND -</u>						
Spring wheat	26,500	26,800	18.3	17.3	485,000	464,000
Oats	174,700	171,000	32.7	32.4	5,712,000	5,540,000
Barley	5,400	5,500	28.0	26.7	151,000	147,000
<u>NOVA SCOTIA -</u>						
Spring wheat	5,800	5,600	17.9	17.4	104,000	97,000
Oats	115,200	116,000	33.6	37.0	3,867,000	4,292,000
Barley	10,800	10,600	28.7	29.4	309,500	312,000
Spring rye	200	200	22.5	22.5	4,500	5,000
<u>NEW BRUNSWICK -</u>						
Spring wheat	9,900	9,400	18.8	23.6	186,000	222,000
Oats	223,000	225,000	32.5	32.6	7,246,000	7,335,000
Barley	10,800	10,600	29.7	26.8	320,700	284,000
Spring rye	350	350	20.0	19.0	7,000	7,000
<u>QUEBEC -</u>						
Spring wheat	58,700	58,700	18.0	17.5	1,050,000	1,027,000
Oats	1,899,800	1,919,000	26.6	26.9	50,635,000	51,621,000
Barley	156,700	155,000	23.5	23.7	3,678,000	3,674,000
Spring rye	17,500	17,300	17.7	15.9	309,000	275,000
Flaxseed	5,300	5,000	9.6	8.5	51,000	42,000
<u>ONTARIO -</u>						
Fall wheat	677,000	632,000	26.7	30.0	18,047,000	18,952,000
Spring wheat	99,000	137,000	22.0	19.7	2,179,000	2,699,000
All wheat	776,000	769,000	26.1	28.2	20,226,000	21,651,000
Oats	2,469,000	2,715,000	39.5	32.4	97,482,000	87,966,000
Barley	610,000	509,000	34.3	29.4	20,911,000	14,965,000
Fall rye	53,000	67,000	17.7	17.5	937,000	1,173,000
Flaxseed	5,200	8,100	9.8	10.3	51,000	83,000
<u>MANITOBA</u>						
Spring wheat	2,470,000	2,502,000	18.3	10.4	45,278,000	26,000,000
Oats	1,590,000	1,662,000	31.8	16.7	50,562,000	27,800,000
Barley	1,991,000	1,209,000	25.1	14.7	49,974,000	17,800,000
Fall rye	83,000	37,000	18.5	13.3	1,536,000	493,000
Spring rye	30,000	15,000	17.2	11.8	516,000	177,000
All rye	113,000	52,000	18.2	12.9	2,052,000	670,000
Flaxseed	112,000	101,000	9.7	6.5	1,086,000	660,000
<u>SASKATCHEWAN</u>						
Spring wheat	14,326,000	13,881,000	13.7	7.3	196,322,000	101,300,000
Oats	4,531,000	4,660,000	27.7	15.3	125,509,000	71,300,000
Barley	2,016,000	1,459,000	20.1	10.5	40,522,000	15,300,000
Fall rye	818,000	562,000	14.5	4.4	11,861,000	2,500,000
Spring rye	192,000	107,000	15.7	5.6	3,014,000	600,000
All rye	1,010,000	669,000	14.7	4.6	14,875,000	3,100,000
Flaxseed	431,000	458,000	7.0	3.9	3,017,000	1,800,000

1. Preliminary Estimate of the Yield of Wheat, Oats, Barley, Rye and Flaxseed,
August 31, 1931, as compared with 1930 (Cont'd.)

Field Crops	1930	1931	1930	1931	1930	1931
	acres	acres	bush. per acre	bush. per acre	bush.	bush.
ALBERTA						
Fall wheat	124,000	94,000	21.5	19.7	2,660,000	1,800,000
Spring wheat	7,040,000	6,701,000	18.5	17.5	130,240,000	117,300,000
All wheat	7,164,000	6,795,000	18.6	17.5	132,900,000	119,100,000
Oats	2,165,000	2,088,000	36.0	37.6	77,940,000	78,600,000
Barley	748,000	706,000	25.4	27.9	18,999,000	19,700,000
Fall rye	137,000	105,000	14.5	12.4	1,987,000	1,300,000
Spring rye	110,000	66,000	15.7	13.6	1,727,000	900,000
All rye	247,000	171,000	15.0	12.9	3,714,000	2,200,000
Flaxseed	28,000	27,000	6.8	6.3	190,000	170,000
BRITISH COLUMBIA						
Fall wheat	14,000	13,900	22.5	23.4	315,000	325,000
Spring wheat	47,000	48,000	21.4	25.3	1,006,000	1,214,000
All wheat	61,000	61,900	21.7	24.9	1,321,000	1,539,000
Oats	91,000	94,000	46.1	52.4	4,195,000	4,926,000
Barley	10,000	10,500	29.5	31.8	295,000	334,000
Spring rye	7,000	6,300	17.1	23.1	120,000	146,000
Flaxseed	300	300	14.0	10.2	4,000	3,000

11. Yield of Wheat, Oats, Barley, Rye and Flaxseed in the Prairie Provinces, 1931,
as compared with 1930.

Province		WHEAT	OATS	BARLEY	RYE	FLAXSEED
		bush.	bush.	bush.	bush.	bush.
Manitoba	1930	45,278,000	50,562,000	49,974,000	2,052,000	1,086,000
	1931	26,000,000	27,800,000	17,800,000	670,000	660,000
Saskatchewan	1930	196,322,000	125,509,000	40,522,000	14,875,000	3,017,000
	1931	101,300,000	71,300,000	15,300,000	3,100,000	1,800,000
Alberta	1930	132,900,000	77,940,000	18,999,000	3,714,000	190,000
	1931	119,100,000	78,600,000	19,700,000	2,200,000	170,000
TOTAL	1930	374,500,000	254,011,000	109,495,000	20,641,000	4,293,000
	1931	246,400,000	177,700,000	52,800,000	5,970,000	2,630,000

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