

Department of Trade and Commerce
Dominion Bureau of Statistics
Agriculture Division

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

C. R. No. 18, 1949

Price: \$2.00 for series of 26 Crop Reports

AUGUST ESTIMATE OF CANADA'S 1949 PRODUCTION OF PRINCIPAL FIELD CROPS

Ottawa, August 16, 1949 (3 p.m.) - The Dominion Bureau of Statistics issues today its first estimate of the 1949 production of principal grain crops, hay and clover, alfalfa and potatoes in Canada, excluding Newfoundland. No estimates are yet available for this province. Since harvesting of spring grains, with the exception of those in Ontario and the southern sections of the Prairie Provinces, is not yet general, this first crop estimate is in the nature of a forecast and is subject to revision in the light of actual harvesting conditions. This year an estimate of potato production is included for the first time in the August estimate of production. The observation with respect to spring grains is also applicable to potatoes since there still remains a considerable period of growth for this crop. The yield estimates for all crops are based on July 31 reports from crop correspondents throughout Canada and information supplied by the agricultural statisticians of the various provinces. With the exception of Quebec, the acreages used were obtained from the Bureau's annual June 1 crop survey and include revisions made since the publication of the preliminary estimate of acreages on July 21. Also included in this report are estimates of the condition of late-sown crops and pasture and charts of the Prairie Provinces showing estimated wheat yields on a crop district basis.

Wheat - Canada's 1949 wheat crop is estimated at 391.5 million bushels, only 1.8 million bushels below last year's outturn but about 18.6 million below the ten-year (1939-48) average production. The estimated average yield per seeded acre is 14.2 bushels as compared with 16.3 bushels last year and the ten-year average of 17.4 bushels per acre. This year's crop is being harvested from a near-record seeded area estimated at 27.5 million acres as against 24.1 million in 1948 and 23.5 million for the ten-year average.

In the Prairie Provinces the wheat crop is expected to yield 362 million bushels, one million bushels less than in 1948. The anticipated average yield of wheat in the Prairie Provinces this year is 13.7 bushels per seeded acre, with Manitoba averaging 21.2, Saskatchewan 12.6 and Alberta 12.7 bushels per acre. Saskatchewan's wheat production is placed at 199 million bushels while the outturn in Alberta and Manitoba is estimated at 96 million and 67 million bushels respectively. The western wheat crop, particularly in Alberta and to a lesser extent in Saskatchewan and Manitoba, contains a relatively small proportion of fall wheat but due to difficulties encountered in obtaining the acreage data required for a separate fall wheat estimate in the Prairie Provinces, it has been necessary to include all western wheat under spring wheat in this report.

Production of wheat in the remainder of Canada is placed at 29.5 million bushels. Ontario's expected outturn of 25.2 million bushels accounts for the greater part of Canadian wheat grown outside the Prairie Provinces. All but 1.1 million bushels of Ontario's production is fall wheat, expected to yield an average of 30 bushels per acre.

Oats - The production of oats in 1949 is estimated at approximately 317 million bushels, a reduction of over 41 million bushels from the 1948 crop. A decrease of almost 4 bushels per acre from last year's average yield more than offset the slight increase in acreage seeded to oats this year. Saskatchewan, Nova Scotia and British Columbia are the only provinces in which greater production of oats is expected than in 1948.

Barley - Barley production, estimated at 126.5 million bushels, is down 28.5 million bushels from the 1948 level. With the exception of slight gains expected in the Maritimes, all provinces registered lowered production prospects for barley this year, with an expected decrease of 27 million bushels in the Prairie Provinces alone.

Rye - A decrease of approximately 60 per cent from the 1948 production is expected for this year's rye crop in Canada. The combined outturn of fall and spring rye is estimated at 9.9 million bushels compared with 25.3 million in 1948. The smaller crop this year is due not only to the sharp reduction in acreage but also to lower average yields. The estimated average yield for all rye in 1949 is 8.4 bushels per acre, compared with the 1948 average of 12.0 bushels per acre.

Flaxseed - A sharp decrease in Canadian flaxseed acreage, combined with lower anticipated average yields than in 1948, has brought about a considerable reduction in this year's flaxseed crop, currently estimated at 2.5 million bushels. Should the production drop to this level, it would amount to only 14 per cent of last year's 17.7 million bushels, and approximately one-quarter of the ten-year average. This year's crop is being harvested from a seeded acreage of 321,100 acres as against 1,876,500 acres in 1948.

Forage Crops - For Canada as a whole, the total production of hay and clover is currently estimated at 11.9 million tons compared with last year's 16.1 million tons. Late frosts and lack of rainfall over wide areas of Canada during June retarded growth of early hay crops and the estimated average yield of 1.24 tons is below both the 1948 and long-time averages. The production of alfalfa (first cutting) is placed at 1.9 million tons as against last year's 2.3 million tons, with Ontario and Alberta accounting for most of the decrease.

Potatoes - A preliminary estimate places this year's all-Canada potato crop at 49.9 million hundredweight compared with 55.3 million in 1948. Decreases in production are indicated in all provinces except Prince Edward Island and Nova Scotia. Production prospects for this crop may change considerably as the growing season advances.

Acreages - With the exception of Quebec for which acreage intentions figures are used, acreage data in this estimate are derived from the June 1 survey returns. It will be noted that revisions have been made in acreages in Ontario and Canada for all crops and in Manitoba and Saskatchewan for flaxseed as published in the Bureau's preliminary estimate of 1949 acreages released on July 21. Revisions have also been made in the 1948 acreage data for flaxseed in Canada and the Prairie Provinces.

SUMMARY

Production of Principal Field Crops in Canada First Estimate 1949 and Averages for the Previous Five and Ten-Year Periods

Crop	1949	1944-48	1939-48
	bu.	bu.	bu.
Wheat	391,505,000	376,795,000	410,076,000
Oats	317,319,000	377,957,000	409,427,000
Barley	126,517,000	159,549,000	159,043,000
Rye	9,879,000	12,355,000	13,467,000
Flaxseed	2,525,000	10,652,000	9,704,000
	cwt.	cwt.	cwt.
Potatoes	49,913,000	46,744,000	43,790,000
	tons	tons	tons
Hay and Clover	11,884,000	15,893,000	15,284,000

FIRST ESTIMATE OF THE PRODUCTION OF GRAIN CROPS

The total production of the principal grain crops in Canada in 1949 is now estimated, in bushels, as follows, with the 1948 figures within brackets: Fall wheat 24,150,000 (26,013,000); spring wheat 367,355,000 (367,332,000); all wheat 391,505,000 (393,345,000); oats 317,319,000 (358,807,000); barley 126,517,000 (155,018,000); fall rye 6,990,000 (19,876,000); spring rye 2,889,000 (5,464,000); all rye 9,879,000 (25,340,000); flaxseed 2,525,000 (17,683,000). The average yields per acre, in bushels, are estimated as follows, with the 1948 averages within brackets: Fall wheat 30.0 (30.3); spring wheat 13.7 (15.8); all wheat 14.2 (16.3); oats 28.1 (32.0); barley 20.9 (23.9); fall rye 8.0 (12.4); spring rye 9.4 (11.0); all rye 8.4 (12.0); flaxseed 7.9 (9.4).

PRODUCTION OF GRAIN CROPS IN THE PRAIRIE PROVINCES

For the Prairie Provinces the first estimate of the production of grain crops in 1949, in bushels, is as follows, with the 1948 figures within brackets: Three Provinces - Wheat 362,000,000 (363,000,000); oats 200,000,000 (224,000,000); barley 115,000,000 (142,000,000); rye 7,560,000 (22,350,000); flaxseed 2,330,000 (16,830,000). Manitoba - Wheat 67,000,000 (57,000,000); oats 54,000,000 (60,000,000); barley 42,000,000 (45,000,000); rye 760,000 (1,950,000); flaxseed 1,260,000 (9,040,000). Saskatchewan - Wheat 199,000,000 (191,000,000); oats 91,000,000 (89,000,000); barley 35,000,000 (42,000,000); rye 4,300,000 (10,500,000); flaxseed 780,000 (4,740,000). Alberta - Wheat 96,000,000 (115,000,000); oats 55,000,000 (75,000,000); barley 38,000,000 (55,000,000); rye 2,500,000 (9,900,000); flaxseed 290,000 (3,050,000).

FIRST ESTIMATE OF THE PRODUCTION OF HAY AND CLOVER AND ALFALFA

The total production of hay and clover, in tons, is now estimated as follows, with last year's figures within brackets: Canada 11,884,000 (16,073,000); Prince Edward Island 428,000 (502,000); Nova Scotia 704,000 (814,000); New Brunswick 816,000 (1,013,000); Quebec 5,030,000 (5,645,000). Ontario 3,246,000 (5,750,000); Manitoba 295,000 (431,000); Saskatchewan 376,000 (443,000); Alberta 599,000 (1,017,000); British Columbia 390,000 (458,000).

For all Canada the production of alfalfa (first cutting) is now estimated at 1,888,000 tons as compared with a first cutting of 2,280,000 tons in 1948.

CONDITION OF LATE-SOWN CROPS AND PASTURE

At July 31, 1949, the condition of late-sown crops 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, 1949, and July 31, 1948, within brackets: Peas 85 (81; 99); beans 98 (89; 101); buckwheat 91 (86; 94); mixed grains 84 (76; 108); shelled corn 95 (90; 100); turnips, etc. 70 (83; 95); fodder corn 92 (88; 96); pasture 75 (80; 96).

August Estimate of the 1949 Production of Principal Field Crops in Canada,
Compared with 1948

Province and Crop	Area ^{1/}		Yield Per Acre		Production	
	1948	1949	1948	1949	1948	1949
	acres	acres	bu.	bu.	bu.	bu.
CANADA -						
Fall Wheat	858,500	805,000	30.3	30.0	26,013,000	24,150,000
Spring Wheat	23,247,400	26,733,600	15.8	13.7	367,332,000	367,355,000
All Wheat	24,105,900	27,538,600	16.3	14.2	393,345,000	391,505,000
Oats	11,200,500	11,288,900	32.0	28.1	358,807,000	317,319,000
Barley	6,495,300	6,040,300	23.9	20.9	155,018,000	126,517,000
Fall Rye	1,605,900	873,000	12.4	8.0	19,876,000	6,990,000
Spring Rye	497,200	308,000	11.0	9.4	5,464,000	2,889,000
All Rye	2,103,100	1,181,000	12.0	8.4	25,340,000	9,879,000
Flaxseed	1,876,500	321,100	9.4 ^{2/}	7.9	17,683,000 ^{2/}	2,525,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	508,200	496,300	109.0	101.0	55,260,000	49,913,000
			tons	tons	tons	tons
Hay and Clover	9,748,000	9,573,200	1.65	1.24	16,073,000	11,884,000
Alfalfa (first cutting)	1,317,300	1,466,600	1.73	1.29	2,280,000	1,888,000
PRINCE EDWARD ISLAND -			bu.	bu.	bu.	bu.
Spring Wheat	5,600	6,500	23.0	22.0	129,000	143,000
Oats	118,000	113,000	39.0	39.0	4,602,000	4,407,000
Barley	9,100	10,200	32.0	33.0	291,000	337,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	48,200	49,400	131.0	135.0	6,314,000	6,669,000
			tons	tons	tons	tons
Hay and Clover	228,000	225,000	2.20	1.90	502,000	428,000
NOVA SCOTIA			bu.	bu.	bu.	bu.
Spring Wheat	1,600	2,000	20.0	22.0	32,000	44,000
Oats	68,100	69,500	36.0	38.0	2,452,000	2,641,000
Barley	7,200	7,800	30.0	28.0	216,000	218,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	21,000	21,200	132.0	132.0	2,772,000	2,798,000
			tons	tons	tons	tons
Hay and Clover	407,000	391,200	2.00	1.80	814,000	704,000
NEW BRUNSWICK			bu.	bu.	bu.	bu.
Spring Wheat	2,900	3,600	25.0	22.0	73,000	79,000
Oats	187,000	189,000	38.0	35.0	7,106,000	6,615,000
Barley	11,000	15,000	32.0	31.0	352,000	465,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	67,900	61,400	153.0	165.0	10,389,000	10,131,000
			tons	tons	tons	tons
Hay and Clover	633,000	628,000	1.60	1.30	1,013,000	816,000
QUEBEC			bu.	bu.	bu.	bu.
Spring Wheat	24,000	23,500	19.9	16.0	478,000	376,000
Oats	1,381,000	1,409,000	29.3	22.0	40,463,000	30,998,000
Barley	144,300	148,600	27.0	23.0	3,896,000	3,418,000
Spring Rye	13,200	13,200	16.7	14.0	220,000	185,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	155,000	146,000	96.7	92.0	14,989,000	13,432,000
			tons	tons	tons	tons
Hay and Clover	4,032,000	3,992,000	1.40	1.26	5,645,000	5,030,000
Alfalfa (first cutting)	86,300	83,700	1.60	1.55	138,000	130,000

August Estimate of the 1949 Production of Principal Field Crops in Canada,
Compared with 1948 (continued)

Province and Crop	Area ^{1/}		Yield Per Acre		Production	
	1948	1949	1948	1949	1948	1949
ONTARIO -	acres	acres	bu.	bu.	bu.	bu.
Fall Wheat	858,500	805,000	30.3	30.0	26,013,000	24,150,000
Spring Wheat	52,300	59,000	22.2	18.0	1,161,000	1,062,000
All Wheat	910,800	864,000	29.8	29.2	27,174,000	25,212,000
Oats	1,835,600	2,086,000	41.8	33.0	76,728,000	68,838,000
Barley	226,100	228,000	34.4	29.0	7,778,000	6,612,000
Fall Rye	123,900	106,000	22.2	20.0	2,751,000	2,120,000
Flaxseed	64,300	16,500	12.9	11.0	829,000	182,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	115,300	117,000	106.0	83.0	12,222,000	9,711,000
			tons	tons	tons	tons
Hay and Clover	3,026,500	2,951,000	1.90	1.10	5,750,000	3,246,000
Alfalfa (first cutting)	732,200	802,000	1.89	1.30	1,384,000	1,043,000
MANITOBA -			bu.	bu.	bu.	bu.
Spring Wheat	2,397,000	3,167,000	23.8	21.2	57,000,000	67,000,000
Oats	1,491,000	1,703,000	40.2	31.7	60,000,000	54,000,000
Barley	1,540,000	1,699,000	29.2	24.7	45,000,000	42,000,000
Fall Rye	94,000	40,000	17.3	16.8	1,625,000	670,000
Spring Rye	21,000	6,100	15.5	14.8	325,000	90,000
All Rye	115,000	46,100	17.0	16.5	1,950,000	760,000
Flaxseed	960,000	134,000	9.4	9.4	9,040,000 ^{2/}	1,260,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	26,300	26,000	82.0	73.0	2,157,000	1,898,000
			tons	tons	tons	tons
Hay and Clover	237,000	227,000	1.82	1.30	431,000	295,000
Alfalfa (first cutting)	75,100	94,000	1.60	1.30	120,000	122,000
SASKATCHEWAN			bu.	bu.	bu.	bu.
Spring Wheat	14,389,000	15,737,000	13.3	12.6	191,000,000	199,000,000
Oats	3,652,000	3,381,000	24.4	26.9	89,000,000	91,000,000
Barley	2,316,000	1,800,000	18.1	19.4	42,000,000	35,000,000
Fall Rye	988,000	557,000	8.2	5.0	8,100,000	2,800,000
Spring Rye	250,000	133,000	9.6	11.3	2,400,000	1,500,000
All Rye	1,238,000	690,000	8.5	6.2	10,500,000	4,300,000
Flaxseed	600,000	132,000	7.9 ^{2/}	5.9	4,740,000 ^{2/}	780,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	34,300	32,900	63.0	54.0	2,161,000	1,777,000
			tons	tons	tons	tons
Hay and Clover	301,500	283,000	1.47	1.33	443,000	376,000
Alfalfa (first cutting)	124,200	149,000	1.30	1.47	161,000	219,000

August Estimate of the 1949 Production of Principal Field Crops in Canada,
Compared with 1948 (concluded)

Province and Crop	Area ^{1/}		Yield Per Acre		Production	
	1948	1949	1948	1949	1948	1949
	acres	acres	bu.	bu.	bu.	bu.
ALBERTA						
Spring Wheat	6,259,000	7,586,000	18.4	12.7	115,000,000	96,000,000
Oats	2,392,000	2,255,000	31.4	24.4	75,000,000	55,000,000
Barley	2,226,000	2,118,000	24.7	17.9	55,000,000	38,000,000
Fall Rye	400,000	170,000	18.5	8.2	7,400,000	1,400,000
Spring Rye	212,000	155,000	11.8	7.1	2,500,000	1,100,000
All Rye	612,000	325,000	16.2	7.7	9,900,000	2,500,000
Flaxseed	250,000	37,500	12.2 ^{2/}	7.8	3,050,000 ^{2/}	290,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	22,800	25,400	89.0	54.0	2,029,000	1,372,000
			tons	tons	tons	tons
Hay and Clover	665,000	665,000	1.53	0.90	1,017,000	599,000
Alfalfa (first cutting)	217,000	243,000	1.40	0.80	304,000	194,000
BRITISH COLUMBIA						
			bu.	bu.	bu.	bu.
Spring Wheat	116,000	149,000	21.2	24.5	2,459,000	3,651,000
Oats	75,800	83,400	45.6	45.8	3,456,000	3,820,000
Barley	15,600	13,700	31.1	34.1	485,000	467,000
Spring Rye	1,000	700	18.5	20.00	19,000	14,000
Flaxseed	2,200	1,100	11.0	12.0	24,000	13,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	17,400	17,000	128.0	125.0	2,227,000	2,125,000
			tons	tons	tons	tons
Hay and Clover	218,000	211,000	2.10	1.85	458,000	390,000
Alfalfa (first cutting)	82,500	94,900	2.10	1.90	173,000	180,000

^{1/} Acreages revised since July 21 report: all crops, 1949 for Canada and Ontario; flaxseed, 1948 and 1949, for Canada, Manitoba, Alberta and Saskatchewan.

^{2/} Revised basis disposition data.

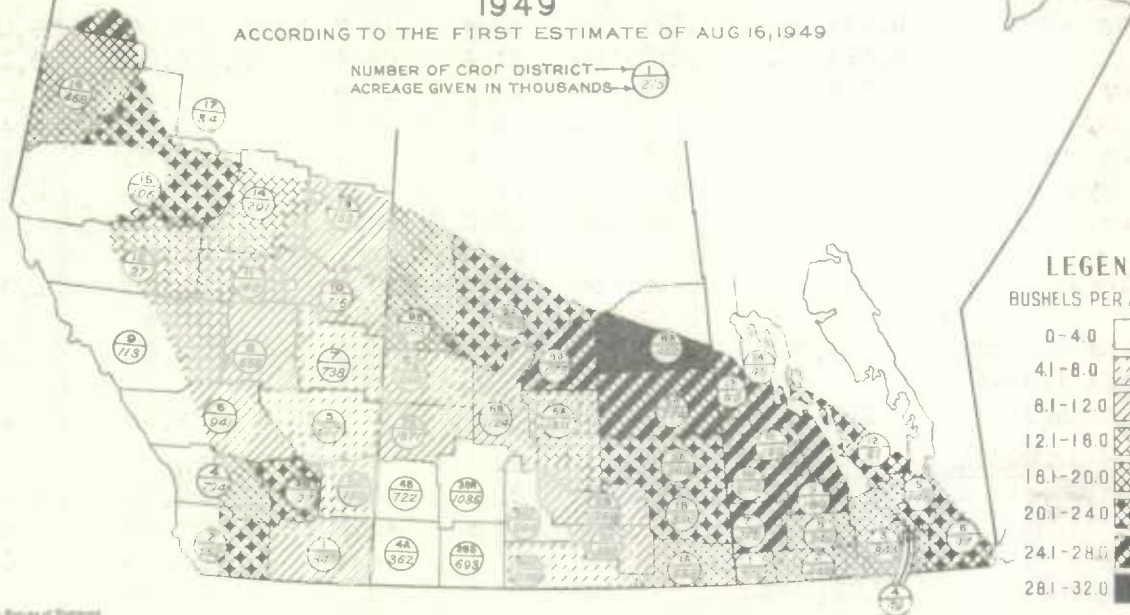
Area and First Estimate of the 1949 Production of Principal Grain
Crops in the Prairie Provinces Compared with 1948

Crop	Area		Yield Per Acre		Production	
	1948	1949	1948	1949	1948	1949
	acres	acres	bu.	bu.	bu.	bu.
Wheat	23,045,000	26,490,000	15.8	13.7	363,000,000	362,000,000
Oats	7,535,000	7,339,000	29.7	27.3	224,000,000	200,000,000
Barley	6,082,000	5,617,000	23.3	20.5	142,000,000	115,000,000
Rye	1,965,000	1,061,100	11.4	7.1	22,350,000	7,560,000
Flaxseed	1,810,000	303,500	9.3	7.7	16,830,000	2,330,000

AVERAGE YIELDS PER ACRE OF WHEAT IN THE PRAIRIE PROVINCES, BY CROP DISTRICTS 1949

ACCORDING TO THE FIRST ESTIMATE OF AUG. 16, 1949

NUMBER OF CROP DISTRICT
ACREAGE GIVEN IN THOUSANDS

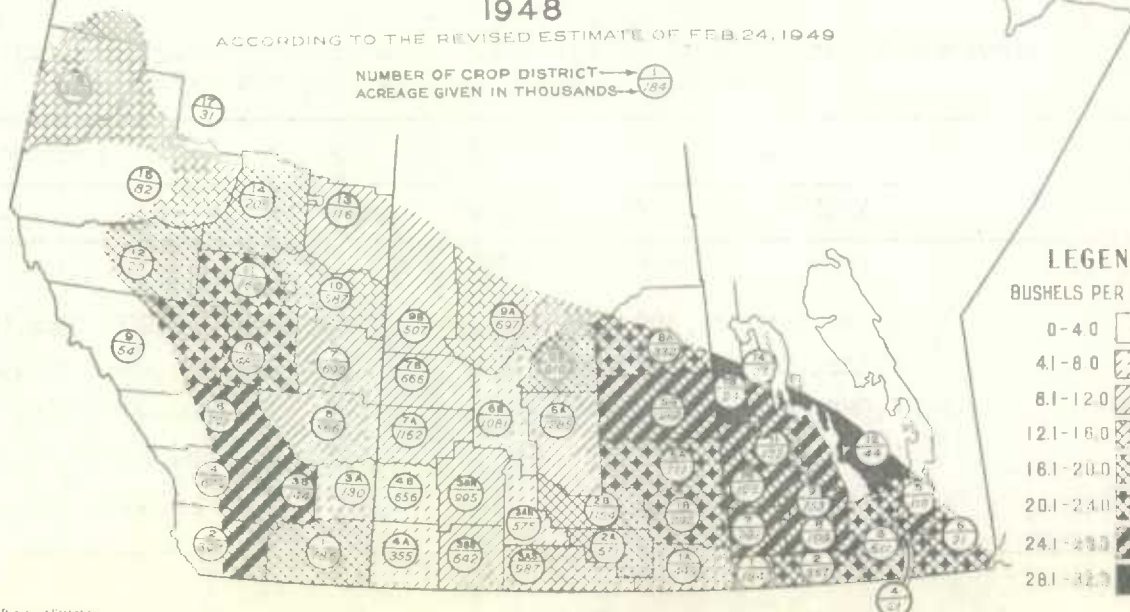


Domestic Bureau of Statistics

AVERAGE YIELDS PER ACRE OF WHEAT IN THE PRAIRIE PROVINCES, BY CROP DISTRICTS 1948

ACCORDING TO THE REVISED ESTIMATE OF FEB. 24, 1949

NUMBER OF CROP DISTRICT
ACREAGE GIVEN IN THOUSANDS



Domestic Bureau of Statistics

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010525723