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y Authority of the Hon. James A. MacKinnon, M.P.,  
Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS - CANADA  
AGRICULTURAL DIVISION

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Dominion Statistician:  
Director, Agricultural Division:  
Grain Statistician:

Herbert Marshall, O.B.E., B.A., F.S.S.  
J. B. Rutherford.  
W. D. Porter.

## SECOND ESTIMATE 1946 FIELD CROPS OF CANADA

Ottawa, November 14, 1946 (3 p.m.) - Canada's 1946 wheat crop is placed at 418.8 million bushels in the second estimate of production of field crops issued today by the Dominion Bureau of Statistics. Oat production for this year is estimated at 399.5 million, barley at 159.9 million, rye at 6.9 million and flaxseed at 7.7 million bushels. The production estimates presented in this report are based upon yield data supplied by crop correspondents in late October and early November, together with the acreages compiled from the June survey.

The second estimates of production of grain crops, as compared with the first estimates released on September 12, are generally lower, the reduction in the wheat estimate amounting to nearly 22 million bushels. This decline may be largely attributed to unfavourable harvesting conditions in Saskatchewan and Alberta subsequent to the September estimate, but may also be due in part to earlier underestimates of the extent of damage caused by the July frosts.

The outturn of wheat in Saskatchewan is now placed at 198 million bushels as compared with 216 million bushels in the first estimate. Alberta's wheat crop now stands at 137 million bushels, down 5 millions from the first estimate, while the estimate for Manitoba has been increased to 63 million bushels, up one million from the earlier estimate.

Unsatisfactory harvesting weather and frosts also largely account for a reduction in the oat estimate of some 12 million bushels as well as for declines of 4.3 million bushels in the barley estimate, over one million bushels in the flaxseed figure and 675,000 bushels for the rye estimate. Despite these reduced estimates, production of all of the major grains is above that of last year, the increase being most marked in the case of wheat. It is of interest to note that the all Canada average yields for 1946 of the five principal grain crops each vary less than one bushel per acre from their long-time (1908-45) average.

The second estimates of production of both peas and dry beans show slight reductions from the first estimate but the estimated outturns of 2,242,000 and 1,566,000 bushels respectively are substantially above last year's level of production for these crops.

Small increases have been registered as between the two estimates for the production of buckwheat, mixed grains, shelled corn, fodder corn and hay and clover. The alfalfa estimate has declined by 60,000 tons to a figure of 3,203,000 tons, nearly 700,000 tons below last year's production. The hay and clover crop, too, is significantly below last year's level being estimated now at 14,697,000 tons as compared with a production of 17,724,000 tons in 1945. Particularly poor yields of hay and clover have been experienced in large areas of the Maritimes and Quebec, and in Manitoba.

The second estimate of the 1946 potato crop indicates an outturn of 48,031,000 cwt., which is an increase over the first estimate of 1,032,000 cwt., and is 12,045,000 cwt. above last year's crop. The sugar beet estimate is increased over the first estimate by 19,000 tons to a figure of 721,000 tons, which is just over 100,000 tons above last year's production. The outturn of root crops included under the category of turnips, etc., is now estimated at 27,375,000 cwt., an increase of nearly 2 million cwt. above the 1945 crop.

## AREA AND CONDITION OF FALL WHEAT AND FALL RYE

The area sown to fall wheat in the autumn of 1946 is estimated at 693,000 acres, an increase of 106,000 acres or 18 per cent as compared with the area sown in 1945, viz., 587,000 acres. The condition at October 31 was reported at 101 per cent of the long-time average yield per acre as compared with 81 per cent in 1945.

Fall rye sowings in Canada in 1946 are estimated at 382,000 acres, an increase of 33,000 acres or 9 per cent as compared with 349,000 acres sown in 1945. By provinces the acreages are as follows, with last year's figures within brackets:



Ontario 55,000 (54,000); Manitoba 16,000 (17,000); Saskatchewan 218,000 (185,000); Alberta 93,000 (93,000). The condition at October 31 in percentage of the long-time average yield per acre is reported as follows, with last year's condition at the same date within brackets: Canada 97 (93); Ontario 99 (87); Manitoba 93 (88); Saskatchewan 95 (95); Alberta 99 (94).

#### CROP ESTIMATES

All Canada - The total production of the principal grain crops in Canada in 1946 is now estimated, in bushels, as follows, with the 1945 figures within brackets: Wheat 418,758,000 (305,912,000); oats 399,483,000 (381,596,000); barley 159,912,000 (157,757,000); rye 6,913,000 (5,888,000); peas 2,242,000 (1,363,000); beans 1,566,000 (1,294,000); buckwheat 4,748,000 (5,246,000); mixed grains 54,924,000 (46,927,000); flaxseed 7,651,000 (7,593,000); shelled corn 10,542,000 (10,365,000). The average yields per acre, in bushels, are estimated as follows, with the 1945 figures within brackets: Wheat 16.2 (13.1); oats 30.3 (26.5); barley 23.8 (21.5); rye 13.3 (12.1); peas 18.8 (14.6); beans 17.1 (13.4); buckwheat 21.8 (20.1); mixed grains 39.3 (32.3); flaxseed 7.6 (7.2); shelled corn 42.8 (43.7).

The production of root and fodder crops in 1946 is now estimated as follows, with the 1945 figures within brackets: Potatoes 48,031,000 cwt. (35,986,000 cwt.); turnips, etc. 27,375,000 cwt. (25,493,000 cwt.); hay and clover 14,697,000 tons (17,724,000 tons); alfalfa 3,203,000 tons (3,880,000 tons); fodder corn 3,962,000 tons (3,637,000 tons); sugar beets 721,000 tons (619,000 tons).

The average yields per acre are as follows, with last year's figures within brackets: Potatoes 92 cwt. (71 cwt.); turnips, etc. 210 cwt. (185 cwt.); hay and clover 1.44 tons (1.73 tons); alfalfa 2.08 tons (2.44 tons); fodder corn 8.38 tons (7.38 tons); sugar beets 10.79 tons (10.43 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 1945 figures within brackets: Three Provinces - Wheat 398,000,000 (282,000,000); oats 276,000,000 (273,500,000); barley 145,000,000 (144,000,000); rye 5,725,000 (4,476,000); flaxseed 7,475,000 (7,338,000). Manitoba - Wheat 63,000,000 (40,000,000); oats 55,000,000 (54,500,000); barley 48,000,000 (52,500,000); rye 415,000 (379,000); flaxseed 3,360,000 (2,800,000). Saskatchewan - Wheat 198,000,000 (162,000,000); oats 117,000,000 (143,000,000); barley 46,000,000 (54,500,000); rye 3,300,000 (2,620,000); flaxseed 3,350,000 (3,800,000). Alberta - Wheat 137,000,000 (80,000,000); oats 104,000,000 (76,000,000); barley 51,000,000 (37,000,000); rye 2,010,000 (1,477,000); flaxseed 765,000 (738,000).

#### FALL PLOUGHING

Of the land intended for the next year's crop, 50 per cent is estimated to have been ploughed at October 31 as compared with 43 per cent at the same date last year. By provinces the percentages are as follows, with the 1945 figures within brackets: Prince Edward Island 53 (55); Nova Scotia 60 (48); New Brunswick 64 (65); Quebec 65 (60); Ontario 67 (48); Manitoba 71 (64); Saskatchewan 30 (23); Alberta 54 (53); British Columbia 43 (47).

#### MARKETINGS IN THE PRAIRIE PROVINCES

Total deliveries of grain from farms in Western Canada during the first 14 weeks of the new crop year are at their highest level in recent years. Wheat marketings have been particularly heavy with 173.8 million bushels being delivered by the end of October. Among the factors contributing to this situation have been generally ample country elevator space and relatively satisfactory hauling weather. In addition, threshing was completed quite early in Manitoba and in southern Saskatchewan and Alberta, thus permitting the grain movement from farms to get away to an early start. Nearly all points are now on an open quota for wheat while oats and barley were still restricted to a 10-bushel quota as at November 8.

#### Deliveries from Farms in Prairie Provinces

August 1 to November 2

	<u>1942</u>	<u>1943</u>	<u>1944</u>	<u>1945</u>	<u>1946</u>
	- bushels -				
Wheat . . .	91,804,394	57,591,623	142,420,182	130,479,962	173,816,143
Oats . . . . .	31,510,612	39,021,559	29,408,097	36,006,343	37,440,370
Barley . . .	31,749,729	32,275,778	47,184,281	42,544,421	33,660,911
Rye . . . . .	2,603,778	765,337	2,101,528	2,207,127	3,695,974
Flaxseed . .	8,892,801	12,163,051	5,927,406	3,893,054	3,934,874



1. Area and Second Estimate of the Production of Field Crops in Canada, 1946  
as compared with 1945

Crops	Area		Yield per Acre		Production	
	1945	1946	1945	1946	1945	1946
	ac.	ac.	bu.	bu.	bu.	bu.
<b>CANADA</b>						
Fall wheat	675,000	546,000	29.8	29.8	20,115,000	16,271,000
Spring wheat	22,739,100	25,354,000	12.6	15.9	285,797,000	402,487,000
All wheat	23,414,100	25,900,000	13.1	16.2	305,912,000	418,758,000
Oats	14,393,200	13,162,700	26.5	30.3	381,596,000	399,483,000
Barley	7,350,100	6,730,500	21.5	23.8	157,757,000	159,912,000
Fall rye	317,500	335,000	12.8	14.3	4,068,000	4,774,000
Spring rye	169,600	183,000	10.7	11.7	1,820,000	2,139,000
All rye	487,100	518,000	12.1	13.3	5,888,000	6,913,000
Peas, dry	93,100	119,500	14.6	18.8	1,363,000	2,242,000
Beans, dry	96,400	91,700	13.4	17.1	1,294,000	1,566,000
Buckwheat	261,100	217,500	20.1	21.8	5,246,000	4,748,000
Mixed grains	1,453,200	1,399,300	32.3	39.3	46,927,000	54,924,000
Flaxseed	1,059,200	1,008,500	7.2	7.6	7,593,000	7,651,000
Corn shelled	237,000	246,500	43.7	42.8	10,365,000	10,542,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	507,700	520,600	71.0	92.0	35,986,000	48,031,000
Turnips, etc.	137,500	130,100	125.0	210.0	25,493,000	27,375,000
			tons	tons	tons	tons
Hay and clover	10,219,400	10,223,000	1.73	1.44	17,724,000	14,697,000
Alfalfa	1,587,000	1,540,400	2.44	2.03	3,880,000	3,203,000
Fodder corn	492,500	472,900	7.38	8.38	3,637,000	3,962,000
Sugar beets	59,360	66,800	10.43	10.79	619,000	721,000
<b>PRINCE EDWARD ISLAND</b>						
			bu.	bu.	bu.	bu.
Spring wheat	4,000	3,900	20.0	20.0	80,000	78,000
Oats	119,000	117,000	37.0	36.0	4,403,000	4,212,000
Barley	13,700	9,700	29.0	28.0	397,000	272,000
Buckwheat	1,700	1,200	23.0	20.0	39,000	24,000
Mixed grains	54,200	51,400	38.0	37.0	2,060,000	1,902,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	43,000	48,500	107.0	118.0	4,601,000	5,723,000
Turnips, etc.	12,400	10,400	270.0	315.0	3,348,000	3,276,000
			tons	tons	tons	tons
Hay and clover	218,000	232,000	1.75	0.80	382,000	186,000
Fodder corn	1,100	800	7.00	11.00	8,000	9,000
<b>NOVA SCOTIA</b>						
			bu.	bu.	bu.	bu.
Spring wheat	1,300	1,400	16.0	18.0	21,000	25,000
Oats	68,200	67,200	28.0	38.0	1,910,000	2,554,000
Barley	10,000	8,500	22.0	29.0	220,000	247,000
Buckwheat	1,800	1,800	19.0	24.0	34,000	43,000
Mixed grains	5,700	4,100	26.0	35.0	148,000	144,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	22,400	24,000	85.0	118.0	1,904,000	2,832,000
Turnips, etc.	12,200	11,100	220.0	294.0	2,684,000	3,263,000
			tons	tons	tons	tons
Hay and clover	438,000	428,000	1.80	1.40	788,000	599,000
Fodder corn	800	900	8.00	10.00	6,000	9,000
<b>NEW BRUNSWICK</b>						
			bu.	bu.	bu.	bu.
Spring wheat	2,400	1,800	17.0	19.0	41,000	34,000
Oats	202,000	186,000	32.0	34.0	6,464,000	6,324,000
Barley	13,300	11,200	28.0	29.0	372,000	325,000
Beans, dry	1,200	1,400	14.0	14.0	17,000	20,000
Buckwheat	15,100	14,700	22.0	28.0	332,000	412,000
Mixed grains	11,900	9,900	32.0	36.0	381,000	356,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	66,200	68,700	102.0	140.0	6,752,000	9,618,000
Turnips, etc.	13,500	12,700	175.0	231.0	2,363,000	2,934,000
			tons	tons	tons	tons
Hay and clover	656,000	646,000	1.60	1.10	1,050,000	711,000
Fodder corn	2,300	2,200	4.50	12.00	10,000	26,000



Crops	1945	1946	1945	1946	1945	1946
	ac.	ac.	bu.	bu.	bu.	bu.
<b>QUEBEC</b>						
Spring wheat	23,400	22,500	17.0	18.9	398,000	425,000
Oats	1,654,000	1,466,500	22.9	23.3	37,877,000	34,169,000
Barley	132,600	124,900	21.5	22.2	2,851,000	2,773,000
Spring rye	8,400	7,700	16.6	15.6	139,000	120,000
Peas, dry	22,600	22,800	13.1	15.2	296,000	347,000
Beans, dry	12,600	12,400	15.6	15.6	197,000	193,000
Buckwheat	83,100	78,200	20.7	19.1	1,720,000	1,494,000
Mixed grains	257,800	251,400	26.5	26.6	6,832,000	6,687,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	156,100	152,000	58.0	75.0	9,054,000	11,400,000
Turnips, etc.	30,600	24,100	150.0	176.0	4,590,000	4,242,000
			tons	tons	tons	tons
Hay and clover	4,207,000	4,182,000	1.61	1.29	6,774,000	5,395,000
Alfalfa	72,000	68,900	2.49	2.03	179,000	140,000
Fodder corn	96,600	89,700	8.67	8.08	838,000	725,000
Sugar beets	1,400	2,000	7.00	9.00	10,000	18,000
			bu.	bu.	bu.	bu.
<b>ONTARIO</b>						
Fall wheat	675,000	546,000	29.8	29.8	20,115,000	16,271,000
Spring wheat	36,000	38,000	19.8	22.0	713,000	836,000
All wheat	711,000	584,000	29.3	29.3	20,828,000	17,107,000
Oats	1,522,000	1,635,000	35.4	43.9	53,879,000	71,777,000
Barley	305,000	293,000	30.8	36.7	9,394,000	10,753,000
Fall rye	67,500	49,000	18.5	21.2	1,249,000	1,039,000
Peas, dry	23,500 1/	34,300 2/	15.2 1/	21.0 2/	357,000 1/	720,000 2/
Beans, dry	81,500	76,800	13.0	17.3	1,060,000	1,329,000
Buckwheat	152,000	116,000	19.9	23.2	3,025,000	2,691,000
Mixed grains	943,000	946,000	35.5	44.7	33,477,000	42,286,000
Flaxseed	23,200	18,000	9.9	9.4	230,000	169,000
Corn, shelled	227,000	240,000	45.1	43.3	10,215,000	10,392,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	116,000	120,000	66.0	90.0	7,633,000	10,800,000
Turnips, etc.	58,000	61,500	198.0	204.0	11,507,000	12,546,000
			tons	tons	tons	tons
Hay and clover	3,008,000	2,952,000	2.05	1.76	6,166,000	5,197,000
Alfalfa	795,000	708,000	2.69	2.26	2,139,000	1,600,000
Fodder corn	338,000	340,000	7.70	8.97	2,603,000	3,050,000
Sugar beets	17,660	23,400	9.30	8.76	164,000	205,000
			bu.	bu.	bu.	bu.
<b>MANITOBA</b>						
Spring wheat	2,132,000	2,835,000	18.8	22.2	40,000,000	63,000,000
Oats	1,697,000	1,598,000	32.1	34.4	54,500,000	55,000,000
Barley	2,139,000	1,883,000	24.5	25.5	52,500,000	48,000,000
Fall rye	19,000	17,000	14.9	16.2	283,000	275,000
Spring rye	7,000	9,000	13.7	15.6	96,000	140,000
All rye	26,000	26,000	14.6	16.0	379,000	415,000
Peas, dry	11,000	25,000 3/	21.0	20.0 3/	231,000	500,000 3/
Buckwheat	7,400	5,600	13.0	15.0	96,000	84,000
Mixed grains	41,700	29,000	25.0	30.0	1,043,000	870,000
Flaxseed	260,000	343,000	10.8	9.8	2,800,000	3,360,000
Corn, shelled	10,000	6,500	15.0	23.0	150,000	150,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	25,000	22,500	60.0	54.0	1,500,000	1,215,000
Turnips, etc.	2,900	3,500	101.0	100.0	293,000	350,000
			tons	tons	tons	tons
Hay and clover	419,000	532,000	1.80	1.00	754,000	532,000
Alfalfa	285,000	300,000	2.30	1.60	656,000	480,000
Fodder corn	34,000	21,800	2.00	2.50	68,000	55,000
Sugar beets	10,000	11,600	8.20	8.62	82,000	100,000
			bu.	bu.	bu.	bu.
<b>SASKATCHEWAN</b>						
Spring wheat	13,610,000	14,843,000	11.9	13.3	162,000,000	198,000,000
Oats	5,717,000	5,055,000	25.0	23.1	143,000,000	117,000,000
Barley	2,672,000	2,484,000	20.4	18.5	54,500,000	46,000,000
Fall rye	148,000	179,000	9.0	10.9	1,332,000	1,950,000
Spring rye	111,000	123,000	11.6	11.0	1,288,000	1,350,000
All rye	259,000	302,000	10.1	10.9	2,620,000	3,300,000
Peas, dry	4,400	10,200	22.0	15.0	97,000	153,000
Mixed grains	71,000	59,900	19.9	19.7	1,413,000	1,180,000
Flaxseed	655,000	557,000	5.8	6.0	3,800,000	3,350,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	36,600	37,000	37.0	48.0	1,354,000	1,776,000
Turnips, etc.	2,700	2,200	45.0	64.0	122,000	141,000
			tons	tons	tons	tons
Hay and clover	350,000	362,000	1.40	1.40	490,000	507,000
Alfalfa	67,800	103,400	1.90	1.55	167,000	160,000
Fodder corn	6,100	7,200	3.00	2.70	18,000	19,000

Crop	1945	1946	1945	1946	1945	1946
	ac.	ac.	bu.	bu.	bu.	bu.
<b>ALBERTA</b>						
Spring wheat	6,824,000	7,500,000	11.7	18.3	80,000,000	137,000,000 <sup>4/</sup>
Oats	3,335,000	2,957,000	22.8	35.2	76,000,000	104,000,000
Barley	2,048,000	1,902,000	18.1	26.8	37,000,000	51,000,000
Fall rye	83,000	90,000	14.5	16.8	1,204,000	1,510,000
Spring rye	42,000	42,000	6.5	11.9	273,000	500,000
All rye	125,000	132,000	11.8	15.2	1,477,000	2,010,000
Peas, dry <sup>3/</sup>	24,700	19,000	10.0	16.5	247,000	314,000
Beans, dry	200	200	10.0	15.0	2,000	3,000
Mixed grains	62,600	39,700	22.0	29.0	1,377,000	1,151,000
Flaxseed	119,000	90,000	6.2	8.5	738,000	765,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	25,900	28,900	60.0	78.0	1,554,000	2,254,000
Turnips, etc.	3,100	2,700	63.0	83.0	195,000	224,000
			tons	tons	tons	tons
Hay and clover	692,000	662,000	1.20	1.60	830,000	1,059,000
Alfalfa	274,700	281,000	1.95	2.10	536,000	590,000
Fodder corn	9,100	5,900	4.25	4.00	39,000	24,000
Sugar beets	30,300	29,800	11.72	13.36	363,000	398,000
<b>BRITISH COLUMBIA</b>			bu.	bu.	bu.	bu.
Spring wheat	106,000	108,400	24.0	28.5	2,544,000	3,089,000
Oats	79,000	81,000	45.1	54.9	3,563,000	4,447,000
Barley	16,500	14,200	31.7	38.2	523,000	542,000
Spring rye	1,200	1,300	20.1	22.1	24,000	29,000
Peas, dry	6,900	8,200	19.5	25.4	135,000	208,000
Beans, dry	900	900	20.4	23.3	18,000	21,000
Mixed grains	5,300	7,900	37.0	44.1	196,000	348,000
Flaxseed	2,000	500	12.3	13.5	25,000	7,000
			cwt.	cwt.	cwt.	cwt.
Potatoes	16,500	19,000	99.0	127.0	1,634,000	2,413,000
Turnips, etc.	2,100	1,900	186.0	210.0	391,000	399,000
			tons	tons	tons	tons
Hay and clover	231,000	227,000	2.12	2.25	490,000	511,000
Alfalfa	72,500	79,100	2.80	2.95	203,000	233,000
Fodder corn	4,500	4,400	10.50	10.15	47,000	45,000

1/ Revised to include peas for both live stock and human consumption.

2/ Including peas for sale and for use on the farm.

3/ Including canning and garden pea seed.

4/ Surveys indicate that upwards of 3 million bushels of fall wheat may be included in this figure.

## 2. Area and Second Estimate of the Production of Wheat, Oats, Barley, Rye and Flaxseed in the Prairie Provinces, 1946 as compared with 1945

Crops	Area		Yield per Acre		Production	
	1945	1946	1945	1946	1945	1946
	ac.	ac.	bu.	bu.	bu.	bu.
Wheat	22,566,000	25,178,000	12.5	15.8	282,000,000	398,000,000
Oats	10,749,000	9,610,000	25.4	28.7	273,500,000	276,000,000
Barley	6,859,000	6,269,000	21.0	23.1	144,000,000	145,000,000
Rye	410,000	460,000	10.9	12.4	4,476,000	5,725,000
Flaxseed	1,034,000	990,000	7.1	7.6	7,338,000	7,475,000





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