

22-002  
no. 13  
1951  
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DOMINION BUREAU OF STATISTICS

Agriculture Division  
OTTAWA

For Release  
February 21, 3 p.m. (E.S.T.)

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

C. R. No. 1  
1952

Price: \$2.00 for series of 23 reports

REVISED ESTIMATE OF PRODUCTION AND VALUE OF 1951 FIELD CROPS

The gross dollar value of principal field crops produced on Canadian farms in 1951, based on average prices received by farmers during the August—January period of the current crop year, is now estimated at a record level of just under two billion dollars. The increase over the preliminary estimate of value published in December is due primarily to the recent increase in the initial price paid to Western Canadian farmers for wheat. Other contributing factors have been interim payments on sugar beets and price advances in individual crops, particularly potatoes. Production estimates have been checked with preliminary information on disposition and other check data, and with minor exceptions the estimates as published in November 1951 still stand.

Both production and value estimates, however, will not be finalized until disposition and price data for the entire crop year are available. Production estimates are also subject to revision on the basis of acreage data to be obtained from the 1951 Census of Agriculture and, in the case of Western Canadian grain crops, on the eventual outcome of spring harvesting of wintered-over crops. In this connection, the results of surveys showing the estimated proportion of Western grain crops remaining for harvest at December 31, 1951 are included as part of this report. Results of the surveys were first published on January 31 in the D.B.S. Daily Bulletin.

The values per unit now assigned to each crop in nearly all cases represent average prices received by farmers for the first half of the crop year—from August 1, 1951 to January 31, 1952. With the exception of sugar beets, no attempt has been made to forecast prices for the remainder of the crop year. The recent increase in the initial price paid to Western farmers for wheat has been taken into account but no allowance has been made for further participation payments which may accrue to farmers out of Wheat Board profits on the sale of the 1951 crops of wheat, oats and barley. A revised estimate, based on average prices received by farmers during the entire crop year and giving effect to whatever participation payments may be made, will be issued next December along with the first estimate of value of the 1952 field crops.

Data on monthly marketings for the first half of the current crop year are now available for a number of crops, and in these cases the monthly average farm prices have been weighted by marketings to give weighted average unit prices for the period. The average farm prices assigned to most crops are calculated initially from returns made by farm correspondents but are accepted only after consultation with the officials responsible for agricultural statistics in each of the provinces, and after careful consideration has been given to factors such as quality and grade. Data on sugar beets are obtained through the co-operation of the processing companies. Other firms handling crops such as peas, beans, sunflower seed and rapeseed have also been helpful in providing basic information.

Note: Data for Newfoundland not available.

In interpreting this report, it should be observed that the value estimates do not represent cash income received from sales but are gross values of field crop production. Several crops, such as mixed grains and fodder corn, are almost wholly utilized on farms where grown, and while not adding greatly to farm cash income, they increase materially the gross value of farm production of field crops.

The gross dollar value of 1951 field crops, now estimated at \$1,977 million, is already well above the previous record of \$1,854 million set in 1950. As indicated above, estimates of value for the 1951 crop are subject to revision through any changes in either production or price estimates. On the basis of current estimates, the wheat crop accounts for \$755 million, or approximately 38 per cent of the total value of Canada's 1951 field crop production. Other crops making major contributions to the 1951 total are: oats, \$316 million; hay and clover, \$247 million; barley, \$200 million; and potatoes, \$100 million. The remaining crops, ranked in order of their estimated values, are: mixed grains, alfalfa, flaxseed, shelled corn, rye, fodder corn, grain hay, field roots, sugar beets, soybeans, dry beans, buckwheat, dry peas, sunflower seed and rapeseed.

On a provincial basis, Saskatchewan led all other provinces, with the value of its 1951 field crop production placed at \$596 million. Other provinces, in order of estimated total value of their 1951 field crop production, ranked as follows: Ontario, \$452 million; Alberta, \$415 million; Quebec, \$197 million; Manitoba, \$181 million; New Brunswick, \$44 million; British Columbia, \$38 million; Prince Edward Island, \$27 million; and Nova Scotia, \$26 million.

Total Area and Values of Field Crops, 1948-51

Pro- vince	AREA				VALUE			
	1948	1949	1950	1951	1948	1949	1950	1951 1/
	- 000 acres -				- 000 dollars -			
P.E.I.	487	489	498	494	23,484	25,526	20,330	26,704
N.S.	524	509	505	506	25,260	22,472	23,877	25,679
N.B.	939	934	926	922	37,921	33,120	28,948	44,453
Que.	6,369	6,424	6,362	6,349	195,722	193,361	211,802	197,298
Ont.	9,140	9,411	9,419	9,806	378,378	359,256	423,874	452,489
Man.	6,686	6,898	6,634	7,364	218,367	201,504	225,834	181,161 197
Sask.	22,670	22,217	22,862	23,442	458,968	425,403	541,833	596,404
Alta.	13,530	14,351	14,431	14,497	348,912	283,865	347,491	415,405
B.C.	596	630	660	668	33,703	34,780	30,474	37,512
CANADA	60,943	61,863	62,297	64,049	1,720,715	1,579,287	1,854,463	1,977,105 041

1/ Preliminary; based on prices received by farmers for August-January period only.



Area, Production and Value of Principal Field Crops, Canada, 1951

Province and Crop	Area	Yield Per Acre	Production	Average Farm Price	Gross Farm Value
	acres	bu.	bu.	\$ per bu.	\$
<b>CANADA</b>					
Winter wheat	911,300	28.0	25,516,000	2.10	53,584,000
Spring wheat	24,820,000	21.6	536,879,000	1.31 1/	701,263,000 1/
All wheat	25,731,300	21.9	562,395,000	1.34 1/	754,847,000 1/
Oats	12,065,400	40.8	492,683,000	0.64 1/	316,360,000 1/
Barley	8,035,900	31.5	252,795,000	0.79 1/	200,462,000 1/
Fall rye	770,000	15.9	12,229,000	1.55	18,926,000
Spring rye	357,000	16.2	5,778,000	1.53	8,840,000
All rye	1,127,000	16.0	18,007,000	1.54	27,766,000
Mixed grains	1,806,900	44.5	80,320,000	1.04	83,230,000
Corn, shelled	299,900	52.2	15,662,000	1.79	28,084,000
Buckwheat	169,400	23.9	4,046,000	1.32	5,328,000
Peas, dry	43,700	19.1	833,000	3.30	2,745,000
Beans, dry	67,100	20.5	1,378,000	4.28	5,895,000 9
Potatoes	400,900	166.2	66,647,000	1.50	100,161,000
Flaxseed	1,112,200	8.3	9,212,000	4.00	36,827,000
Soybeans	176,100	24.8	4,367,000	2.75 4	12,009,000
		lb.	lb.	\$ per lb.	
Sunflower seed	21,500	300	6,450,000	0.050	322,000 258
Rapeseed	7,500	950	7,125,000	0.035	249,000
		cwt.	cwt.	\$ per cwt.	
Field roots	91,700	233.4	21,403,000	1.03	22,071,000
		tons	tons	\$ per ton	
Hay and clover	9,666,700	1.79	17,316,000	14.28	247,307,000
Alfalfa	1,580,900	2.42	3,829,000	17.93	68,640,000
Fodder corn	548,700	9.30	5,102,700	4.98	25,419,000
Grain hay	1,003,000	2.00	1,993,000	12.55	25,011,000
Sugar beets	93,138	10.35	963,772	14.90 2/	14,364,000 2/
<b>PRINCE EDWARD ISLAND</b>					
		bu.	bu.	\$ per bu.	
Spring wheat	9,800	24.0	235,000	1.95	458,000
Oats	112,000	38.0	4,256,000	0.83	3,532,000
Barley	14,500	30.0	435,000	1.21	526,000
Mixed grains	90,000	38.0	3,420,000	0.95	3,249,000
Buckwheat	500	24.0	12,000	1.44	17,000
Potatoes	31,400	200.0	6,280,000	1.65	10,362,000
		cwt.	cwt.	\$ per cwt.	
Field roots	13,000	319.0	4,147,000	0.80	3,318,000
		tons	tons	\$ per ton	
Hay and clover	222,000	1.90	422,000	12.25	5,170,000
Fodder corn	1,000	7.80	8,000	9.00	72,000
<b>NOVA SCOTIA</b>					
		bu.	bu.	\$ per bu.	
Spring wheat	2,400	22.0	53,000	1.96	104,000
Oats	72,300	43.0	3,109,000	1.06	3,296,000
Barley	7,700	32.0	246,000	1.35	332,000
Mixed grains	10,600	40.0	424,000	1.20	509,000
Buckwheat	800	25.0	20,000	1.50	30,000
Potatoes	18,700	180.0	3,366,000	1.70	5,722,000
		cwt.	cwt.	\$ per cwt.	
Field roots	8,900	325.0	2,892,000	1.15	3,326,000
		tons	tons	\$ per ton	
Hay and clover	384,000	2.00	768,000	16.00	12,288,000
Fodder corn	1,000	10.80	11,000	6.50	72,000

Area, Production and Value of Principal Field Crops, Canada, 1951

Province and Crop	Area	Yield Per Acre	Production	Average Farm Price	Gross Farm Value
<b>NEW BRUNSWICK</b>	acres	bu.	bu.	\$ per bu.	\$
Spring wheat	5,500	23.0	126,000	1.92	242,000
Oats	197,000	38.0	7,486,000	0.88	6,588,000
Barley	22,400	35.0	784,000	1.24	972,000
Mixed grains	18,800	41.0	771,000	1.00	771,000
Buckwheat	12,200	31.0	378,000	1.37	518,000
Beans, dry	900	12.0	11,000	5.50	60,000
Potatoes	45,300	24.5.0	11,098,000	1.55	17,202,000
		cwt.	cwt.	\$ per cwt.	
Field roots	7,800	281.0	2,192,000	1.20	2,630,000
		tons	tons	\$ per ton	
Hay and clover	610,000	1.80	1,098,000	14.00	15,372,000
Fodder corn	1,700	8.70	15,000	6.50	98,000
<b>QUEBEC</b>		bu.	bu.	\$ per bu.	
Spring wheat	29,700	21.9	650,000	1.91	1,242,000
Oats	1,522,000	33.6	51,139,000	0.97	49,605,000
Barley	135,000	30.0	4,050,000	1.32	5,346,000
Spring rye	15,700	20.6	323,000	1.61	520,000
Mixed grains	361,000	35.9	12,960,000	1.30	16,848,000
Buckwheat	74,300	24.8	1,843,000	1.35	2,488,000
Peas, dry	13,500	18.3	247,000	4.53	1,119,000
Beans, dry	8,500	17.8	151,000	4.94	746,000
Potatoes	137,000	140.0	19,180,000	1.37	26,277,000
		cwt.	cwt.	\$ per cwt.	
Field roots	23,700	187.0	4,432,000	1.08	4,787,000
		tons	tons	\$ per ton	
Hay and clover	3,785,000	1.62	6,132,000	12.50	76,650,000
Alfalfa	107,000	2.40	257,000	14.50	3,727,000
Fodder corn	127,000	8.15	1,035,000	6.30	6,521,000
Sugar beets	10,000	9.48	94,800	15.00	1,422,000
<b>ONTARIO</b>		bu.	bu.	\$ per bu.	
Winter wheat	911,300	28.0	25,516,000	2.10	53,584,000
Spring wheat	45,600	21.7	990,000	2.10	2,079,000
All wheat	956,900	27.7	26,506,000	2.10	55,663,000
Oats	2,120,700	47.0	99,673,000	0.87	86,716,000
Barley	223,500	37.8	8,448,000	1.30	10,982,000
Fall rye	75,900	20.8	1,579,000	1.70	2,684,000
Mixed grains	1,230,800	48.0	59,078,000	1.00	59,078,000
Corn, shelled	284,900	54.5	15,527,000	1.80	27,949,000
Buckwheat	76,600	22.3	1,708,000	1.27	2,169,000
Peas, dry	11,100	19.5	216,000	3.12	674,000
Beans, dry	57,300	21.1	1,209,000	4.18	5,054,000
Potatoes	80,000	176.0	14,080,000	1.58	22,246,000
Flaxseed	52,200	14.6	762,000	4.30	3,277,000
Soybeans	176,100	24.8	4,367,000	2.75	12,009,000
		cwt.	cwt.	\$ per cwt.	
Field roots	36,800	203.0	7,470,000	1.00	7,470,000
		tons	tons	\$ per ton	
Hay and clover	3,182,700	2.05	6,525,000	15.00	97,875,000
Alfalfa	817,300	2.61	2,133,000	16.75	35,728,000
Fodder corn	391,600	10.00	3,916,000	4.50	17,622,000
Sugar beets	31,469	10.85	341,459	15.50	5,293,000



# Area, Production and Value of Principal Field Crops, Canada, 1951

Province and Crop	Area	Yield Per Acre	Production	Average Farm Price	Gross Farm Value
	acres	bu.	bu.	\$ per bu.	\$
<u>MANITOBA</u>					
Spring wheat	2,400,000	21.7	52,000,000	1.35 <u>1/</u>	70,200,000 <u>1/</u>
Oats	1,740,000	34.5	60,000,000	0.52 <u>1/</u>	31,200,000 <u>1/</u>
Barley	2,040,000	27.4	56,000,000	0.80 <u>1/</u>	44,800,000 <u>1/</u>
Fall rye	33,100	16.6	550,000	1.51	831,000
Spring rye	9,300	14.0	130,000	1.51	196,000
All rye	42,400	16.0	680,000	1.51	1,027,000
Mixed grains	20,000	32.0	640,000	0.76	486,000
Corn, shelled	15,000	9.0	135,000	1.00	135,000
Buckwheat	5,000	17.0	85,000	1.25	106,000
Peas, dry	6,600	23.0	152,000	2.50	380,000
Potatoes	22,100	142.0	3,138,000	1.08	3,389,000
Flaxseed	594,000	7.6	4,500,000	3.91	17,595,000
		lb.	lb.	\$ per lb.	
Sunflower seed	21,500	300	6,450,000	0.0 <sup>4</sup> / <sub>50</sub>	<sup>258</sup> 322,000
		tons	tons	\$ per ton	
Hay and clover	284,000	1.50	426,000	10.50	4,473,000
Alfalfa	134,000	2.00	268,000	14.50	3,886,000
Fodder corn	20,000	3.60	72,000	8.00	576,000
Sugar beets	19,074	9.35	178,319	14.50	2,586,000
<u>SASKATCHEWAN</u>					
		bu.	bu.	\$ per bu.	
Spring wheat	15,810,000	20.8	329,000,000	1.30 <u>1/</u>	427,700,000 <u>1/</u>
Oats	3,575,000	39.2	140,000,000	0.50 <u>1/</u>	70,000,000 <u>1/</u>
Barley	2,561,000	30.1	77,000,000	0.74 <u>1/</u>	56,980,000 <u>1/</u>
Fall rye	456,000	12.9	5,900,000	1.53	9,027,000
Spring rye	216,000	15.7	3,400,000	1.53	5,202,000
All rye	672,000	13.8	9,300,000	1.53	14,229,000
Mixed grains	7,400	38.1	282,000	0.76	214,000
Peas, dry	1,000	19.7	20,000	2.30	46,000
Potatoes	27,800	122.5	3,406,000	1.27	4,326,000
Flaxseed	352,000	7.8	2,700,000	4.05	10,935,000
		lb.	lb.	\$ per lb.	
Rapeseed	7,500	950	7,125,000	0.035	249,000
		tons	tons	\$ per ton	
Hay and clover	271,000	1.70	461,000	13.75	6,339,000
Alfalfa	155,000	1.97	305,000	17.50	5,338,000
Fodder corn	2,400	1.83	4,000	12.00	48,000

# Area, Production and Value of Principal Field Crops, Canada, 1951

Province and Crop	Area	Yield Per Acre	Production	Average Farm Price	Gross Farm Value
	acres	bu.	bu.	\$ per bu.	\$
<b>ALBERTA</b>					
Spring wheat	6,364,000	23.6	150,000,000	1.29 <u>1/</u>	193,500,000 <u>1/</u>
Oats	2,639,000	46.6	123,000,000	0.51 <u>1/</u>	62,730,000 <u>1/</u>
Barley	3,011,000	34.9	105,000,000	0.76 <u>1/</u>	79,800,000 <u>1/</u>
Fall rye	205,000	20.5	4,200,000	1.52	6,384,000
Spring rye	115,000	16.5	1,900,000	1.52	2,888,000
All rye	320,000	19.1	6,100,000	1.52	9,272,000
Mixed grains	59,300	39.0	2,313,000	0.72	1,665,000
Peas, dry	7,600	15.0	114,000	2.40	274,000
Potatoes	24,200	133.0	3,219,000	1.41	4,539,000
Flaxseed	109,000	11.0	1,200,000	4.03	4,836,000
		tons	tons	\$ per ton	
Hay and clover	704,000	1.60	1,126,000	16.50	18,579,000
Alfalfa	266,000	2.30	612,000	19.75	12,087,000
Fodder corn	600	4.50	2,700	7.50	20,000
Grain hay	960,000	2.00	1,920,000	12.00	23,040,000
Sugar beets	32,595	10.71	349,194	14.50 <u>2/</u>	5,063,000 <u>2/</u>
<b>BRITISH COLUMBIA</b>					
		bu.	bu.	\$ per bu.	
Spring wheat	153,000	25.0	3,825,000	1.50	5,738,000
Oats	87,400	46.0	4,020,000	0.67	2,693,000
Barley	20,800	40.0	832,000	0.87	724,000
Spring rye	1,000	25.1	25,000	1.35	34,000
Mixed grains	9,000	48.0	432,000	0.95	410,000
Peas, dry	3,900	21.5	84,000	3.00	252,000
Beans, dry	400	18.0	7,000	5.00	35,000
Potatoes	14,400	200.0	2,880,000	2.12	6,106,000
Flaxseed	5,000	10.0	50,000	3.67	184,000
		cwt.	cwt.	\$ per cwt.	
Field roots	1,500	180.0	270,000	2.00	540,000
		tons	tons	\$ per ton	
Hay and clover	224,000	1.60	358,000	29.50	10,561,000
Alfalfa	101,600	2.50	254,000	31.00	7,874,000
Fodder corn	3,400	11.40	39,000	10.00	390,000
Grain hay	43,000	1.70	73,000	27.00	1,971,000

1/ Based on initial payments only for Western Canadian wheat, oats and barley; subject to revision when production estimates are finalized and when interim and final payments become known.

2/ Subject to revision.

# Estimated Proportion of Western Grain Crops Remaining for Harvest at Dec. 31, 1951

An estimated 150,000,000 bushels of wheat, 134,600,000 bushels of oats and barley, and 1,600,000 bushels of flaxseed of the 1951 crop in the Prairie Provinces had not been harvested by December 31, according to surveys conducted by the Dominion Bureau of Statistics and Provincial Departments of Agriculture. Expressed as a proportion of the total crop as estimated last November, approximately 28 per cent of the wheat, 24 per cent of the oats and barley and 18 per cent of the flaxseed were still in the fields at the end of December.

The largest part of the unharvested wheat, some 91,000,000 bushels, was located in Saskatchewan where an estimated 28 per cent of the crop remained for harvest. Quantities of wheat remaining for harvest in Manitoba and Alberta were placed at 3,000,000 and 56,000,000 bushels, respectively. Of the 134,600,000 bushels of oats and barley remaining for harvest, an estimated 71,400,000 bushels were in Alberta, 56,400,000 in Saskatchewan, and 6,800,000 bushels in Manitoba. Slightly over 1,000,000 bushels of the unharvested flaxseed, about two-thirds of the total, were located in Saskatchewan, with about 100,000 bushels in Manitoba and 400,000 bushels in Alberta.

On a provincial basis, the proportion of the 1951 wheat crop remaining for harvest at December 31 varied from six per cent in Manitoba to 37 per cent in Alberta; oats and barley, from six per cent in Manitoba to 31 per cent in Alberta; and flaxseed, from two per cent in Manitoba to 38 per cent in Saskatchewan.

It is not possible to forecast at this time how much of the unharvested crop will be recovered in the spring. The proportion of this grain eventually saved will depend on the extent to which the unthreshed crop escapes injury from lengthy exposure and on the development of weather conditions suitable for spring harvesting.

## Estimated Proportion of the 1951 Crop Remaining for Harvest in the Prairie Provinces at December 31, 1951

Crop and Province	Seeded Area	Area not Harvested		Production	Amount not Harvested	
	000 acres	p.c.	000 acres	000 bu.	p.c.	000 bu.
<b>WHEAT</b>						
Manitoba	2,400	4	100	52,000	6	3,000
Saskatchewan	15,810	26	4,099	329,000	28	91,000
Alberta	6,364	37	2,386	150,000	37	56,000
Totals	24,574	27	6,585	531,000	28	150,000
<b>OATS AND BARLEY</b>						
Manitoba	3,780	5	178	116,000	6	6,800
Saskatchewan	6,136	25	1,507	217,000	26	56,400
Alberta	5,650	31	1,763	228,000	31	71,400
Totals	15,566	22	3,448	561,000	24	134,600
<b>FLAXSEED</b>						
Manitoba	594	2	11	4,500	2	96
Saskatchewan	352	35	123	2,700	38	1,024
Alberta	109	36	39	1,200	36	432
Totals	1,055	16	173	8,400	18	1,552

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