

22-002

no. 25

C. R. No. 28

1947

1947

c. 2

## DOMINION BUREAU OF STATISTICS

## AGRICULTURAL DIVISION

OTTAWA, CANADA

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

Dominion Statistician: Herbert Marshall  
Director, Agricultural Division: C. V. Parker  
Chief, Crop Branch: W. D. Porter

VALUE OF CANADIAN FIELD CROPS, 1947

Ottawa, December 12, 1947, 3 p.m. - The Dominion Bureau of Statistics issues today its first estimate of the farm value of field crop production for 1947 as compared with the values for 1945 and 1946. It must be emphasized that the values per unit assigned to each crop in 1947 represent average prices received by farmers from the beginning of the crop year, August 1, up to the end of November only. No attempt has been made to forecast prices for the remainder of the crop year—but should prices remain at or near current (December 12) levels for the remainder of the crop year, significant upward revisions in the 1947 crop value estimates may be anticipated. Data on monthly marketings are available for a number of crops and in these cases the monthly average farm prices were weighted by marketings to give weighted average unit values for the period. The average prices assigned to all crops have been determined after consultation with the Provincial Departments of Agriculture and after careful consideration has been given to factors such as quality and grade.

The value of 1946 field crops has been revised on the basis of weighted average prices for the twelve months of the crop year 1946-47. The value of the 1947 crop will be revised similarly a year hence when price data for the full crop year become available. It should be observed that these estimates do not represent cash income received from sales but are gross values of farm production. Several of the crops such as mixed grains and fodder corn are almost wholly utilized on the farms on which they are grown.

SUMMARY

The gross value of principal field crops produced on Canadian farms in 1947 is estimated at 1,287.4 million dollars. This is the fifth highest gross value recorded since the series was commenced in 1908, being exceeded only in the years 1918, 1919, 1920 and 1944. High prices during the immediate post-Great War period accounted chiefly for the enhanced value of production recorded in the period 1918-20, while a relatively high level of production was largely responsible for the greater value figure of 1944. This year's figure is about 3 per cent above the 1946 gross value of production. While declines in production were registered in 1947 by all crops except rye, flaxseed, buckwheat and hay and clover, general price increases served to more than offset reduced production and the total value of field crops accordingly stands higher than the previous year's level.

The following table shows a comparison of the gross value of field crop production from 1931 to date. Values for recent years have been revised to include, where applicable, the effects of participation payments for wheat and equalization payments for oats and barley. No allowance has been made for the participation payments which will accrue to the 1945, 1946 and 1947 wheat crops from the five-year pool now in operation.

<u>Thousand Dollars</u>		<u>Thousand Dollars</u>	
1931 .....	432,199	1940 .....	704,299
1932 .....	452,527	1941 .....	704,761
1933 .....	453,598	1942 .....	1,221,942
1934 .....	549,080	1943 .....	1,189,229
1935 .....	511,873	1944 .....	1,386,892
1936 .....	612,300	1945 .....	1,151,285
1937 .....	556,222	1946 .....	1,248,135
1938 .....	550,069	1947 .....	1,287,442
1939 .....	685,839		

The 1947 wheat crop is valued at 398.7 million dollars, a reduction of nearly 74 millions from the 1946 level. The decline reflects directly the relatively poor crop in the Prairie Provinces this year. Sharp declines in production of oats, mixed grains, grain hay and dry peas more than offset increased prices, and values of these crops are below 1946 levels. On the other hand, while production in 1947 was also lower than in 1946 for barley, dry beans, soy beans, shelled corn, potatoes, alfalfa and fodder corn, substantially higher prices for all these crops bring their value of production above that of 1946. Both higher production and higher prices have led to very marked increases in the value of the 1947 rye, buckwheat, flaxseed and hay and clover crops in comparison with the same crops in 1946. The sugar beet

Price: \$2.00 per year.



prices shown for 1947 indicate initial payments only, and upward revisions will be required in the value of this crop as soon as the extent of the final payment is known in each of the four provinces concerned.

The following table shows the values of field crop production for 1947 and 1946, by provinces, together with the changes in value in dollars and in percentages:

	Total Values		Increase (+) or Decrease (-)	
	1946	1947	in Value	
	Thousand Dollars	Thousand Dollars	Thousand Dollars	Per Cent
Prince Edward Island .....	16,273	20,005	+ 3,732	+ 23
Nova Scotia .....	21,284	20,251	- 1,033	- 5
New Brunswick .....	32,471	38,868	+ 6,397	+ 20
Quebec .....	138,980	158,652	+ 19,672	+ 14
Ontario .....	249,587	270,707	+ 21,120	+ 8
Manitoba .....	144,747	145,171	+ 424	+ 0.3
Saskatchewan .....	347,490	338,997	- 8,493	- 2
Alberta .....	268,565	264,562	- 4,003	- 1
British Columbia .....	28,738	30,229	+ 1,491	+ 5
CANADA .....	1,248,135	1,287,442	+ 39,307	+ 3

Increases in gross value of production over 1946 levels have occurred in all provinces except Nova Scotia, Saskatchewan and Alberta, where relatively small percentage declines have been registered. With prices and production of nearly all crops in Prince Edward Island up from last year, that province with a 23 per cent increase shows the greatest percentage change from last year of any of the provinces. New Brunswick and Quebec follow closely with increases of 20 per cent and 14 per cent respectively. While Ontario's percentage increase is only 8 per cent, the greatest absolute gain—21 million dollars—is registered in that province. Principal factors accounting for the gain in Ontario are enhanced values for the hay and clover, wheat, dry beans, rye, flaxseed, shelled corn and fodder corn crops.

With production of most of Nova Scotia's field crops well below 1946 outturns, a decline of 5 per cent from 1946 levels has been recorded in that province. In British Columbia, however, increased prices more than offset production declines and a gain of 5 per cent was registered over 1946 values. Sharp reductions in the Prairie wheat and oats crops are largely responsible for holding production values near 1946 levels. General price increases together with enhanced production of rye and flaxseed would otherwise have brought about significant increases in total crop values in the Prairie Provinces.

The total value of all field crops in Canada in 1947 is now estimated at \$1,287,442,000 as compared with \$1,248,135,000 in 1946. The 1947 total is made up of the following items, with the 1946 values within brackets: Wheat \$398,694,000 (\$472,644,000); oats \$187,406,000 (\$206,242,000); barley \$121,004,000 (\$104,392,000); rye \$42,610,000 (\$19,651,000); peas \$5,184,000 (\$6,860,000); beans \$7,637,000 (\$4,865,000); soy beans \$2,466,000 (\$2,369,000); buckwheat \$6,231,000 (\$4,789,000); mixed grains \$33,115,000 (\$35,358,000); flaxseed \$57,962,000 (\$19,173,000); shelled corn \$14,460,000 (\$11,269,000); potatoes \$88,870,000 (\$82,721,000); turnips, mangels, etc. \$19,649,000 (\$20,439,000); hay and clover \$228,987,000 (\$183,974,000); alfalfa \$38,345,000 (\$37,422,000); fodder corn \$19,814,000 (\$16,711,000); grain hay \$9,264,000 (\$10,092,000); sugar beets \$5,744,000 initial payment (\$9,164,000).

By provinces in order of magnitude, the total values of 1947 crops are as follows, with the 1946 figures within brackets: Saskatchewan \$338,997,000 (\$347,490,000); Ontario \$270,707,000 (\$249,587,000); Alberta \$264,562,000 (\$268,565,000); Quebec \$158,652,000 (\$138,980,000); Manitoba \$145,171,000 (\$144,747,000); New Brunswick \$38,868,000 (\$32,471,000); British Columbia \$30,229,000 (\$28,738,000); Nova Scotia \$20,251,000 (\$21,284,000); Prince Edward Island \$20,005,000 (\$16,273,000).

For the three Prairie Provinces the total value of the five principal grain crops in 1947 is now estimated as follows, with the 1946 values within brackets: Wheat \$367,370,000 (\$447,110,000); oats \$118,320,000 (\$127,970,000); barley \$110,340,000 (\$92,410,000); rye \$38,185,000 (\$16,719,000); flaxseed \$54,701,000 (\$18,585,000). The total value of the five crops for the three provinces amounts to \$688,916,000 in 1947 as compared with \$702,794,000 in 1946.

The average prices received by farmers for the 1947 crops up to the end of November are estimated as follows, with the prices of 1946 crops within brackets: Cents per bushel - Wheat 117 (114); oats 66 (56); barley 86 (70); rye 322 (223); peas 288 (294); beans 532 (309); soy beans 306 (221); buckwheat 118 (98); mixed grains 93 (67); flaxseed 474 (299); corn, shelled 216 (106); Cents per cwt. - Potatoes 199 (172); turnips, mangels, etc. 93 (76); Dollars per ton - Hay and clover 14.00 (12.80); alfalfa 14.98 (13.70); fodder corn 5.13 (4.21); grain hay 6.86 (6.25); sugar beets 9.45 initial payment (12.49).

FIRST ESTIMATE OF THE GROSS VALUE OF FIELD CROPS, IN CANADA, BY PROVINCES, FOR 1947  
AS COMPARED WITH 1945 AND 1946

NOTE: Average prices are per bushel for grain crops, per cwt. for potatoes, turnips, mangels, etc. and per ton for hay, alfalfa, fodder corn and sugar beets.

Crop	1945		1946		1947	
	Average Price	Total Value	Average Price	Total Value	Average Price	Total Value
	\$	000\$	\$	000\$	\$	000\$
<b>CANADA</b>						
Wheat	1.15	367,467	1.14	472,644	1.17	398,694
Oats	0.53	203,113	0.56	206,242	0.66	187,406
Barley	0.67	105,452	0.70	104,392	0.86	121,004
Rye	1.47	8,680	2.23	19,651	3.22	42,610
Peas, dry	2.83	3,863	2.94	6,860	2.88	5,184
Beans, dry	2.67	3,456	3.09	4,865	5.32	7,637
Soy beans	1.90	1,600	2.21	2,369	3.06	2,466
Buckwheat	0.87	4,544	0.98	4,789	1.18	6,231
Mixed grains	0.65	30,353	0.67	35,358	0.93	33,115
Flaxseed	2.50	19,006	2.99	19,173	4.74	57,962
Corn, shelled	1.04	10,774	1.06	11,269	2.16	14,460
Potatoes	2.26	81,168	1.72	82,721	1.99	88,870
Turnips, mangels, etc. <sup>1/</sup>	0.87	22,246	0.76	20,439	0.93	19,649
Hay and clover	12.06	213,769	12.80	183,974	14.00	228,987
Alfalfa	12.40	48,130	13.70	57,422	14.98	38,345
Fodder corn	4.18	15,188	4.21	16,711	5.13	19,814
Grain hay	6.71	5,915	6.25	10,092	6.86	9,264
Sugar beets	10.60	6,561	12.49	9,164	9.45 <sup>2/</sup>	5,744
TOTAL Field Crops	-	1,151,285	-	1,248,135	-	1,287,442
<b>PRINCE EDWARD ISLAND</b>						
Wheat	1.08	86	1.20	94	1.47	143
Oats	0.61	2,686	0.67	2,822	0.76	3,245
Barley	0.85	337	0.91	248	1.01	324
Buckwheat	0.89	35	0.94	23	1.20	30
Mixed grains	0.62	1,277	0.70	1,331	0.85	2,090
Potatoes	1.69	7,776	1.07	6,124	1.45	8,516
Turnips, mangels, etc.	0.77	2,578	0.63	2,322	0.73	2,409
Hay and clover	10.88	4,156	17.50	3,255	17.50	3,168
Fodder corn	5.50	44	6.00	54	8.00	80
TOTAL Field Crops	-	18,975	-	16,273	-	20,005
<b>NOVA SCOTIA</b>						
Wheat	1.16	24	1.12	28	1.26	32
Oats	0.73	1,394	0.75	1,916	0.80	1,800
Barley	0.97	213	1.01	249	1.05	200
Buckwheat	1.05	36	1.07	46	1.22	33
Mixed grains	0.82	121	0.84	121	1.08	148
Potatoes	2.24	4,265	1.87	5,296	2.17	3,967
Turnips, mangels, etc.	1.51	4,053	1.00	3,263	1.00	2,010
Hay and clover	14.58	11,489	17.21	10,309	16.59	12,011
Fodder corn	4.00	24	6.25	56	6.25	50
TOTAL Field Crops	-	21,619	-	21,284	-	20,251
<b>NEW BRUNSWICK</b>						
Wheat	1.26	52	1.37	47	1.56	72
Oats	0.88	4,396	0.66	4,174	0.74	4,518
Barley	1.00	372	0.95	309	1.04	349
Beans, dry	3.50	60	4.00	80	4.17	63
Buckwheat	1.08	359	1.13	466	1.25	481
Mixed grains	0.69	263	0.68	242	0.84	271
Potatoes	2.20	14,854	1.43	13,754	1.77	16,739
Turnips, mangels, etc.	0.65	1,536	0.60	1,760	0.85	1,638
Hay and clover	14.58	15,309	16.15	11,483	16.36	14,609
Fodder corn	5.00	50	6.00	156	8.00	128
TOTAL Field Crops	-	37,251	-	32,471	-	38,868

1/ Excluding turnips, mangels, etc. in the Prairie Provinces in 1946 and 1947.

2/ Initial payment only.



Crop	1945		1946		1947	
	Average Price	Total Value	Average Price	Total Value	Average Price	Total Value
	\$	000\$	\$	000\$	\$	000\$
<b>QUEBEC</b>						
Wheat	1.14	454	1.25	486	1.48	494
Oats	0.66	24,999	0.69	23,982	0.79	24,240
Barley	0.87	2,480	0.90	2,473	1.03	3,053
Rye	0.96	153	1.07	135	1.26	166
Peas, dry	3.36	995	3.64	1,103	4.01	882
Beans, dry	3.53	695	3.86	764	4.35	618
Buckwheat	0.94	1,617	1.01	1,643	1.10	1,771
Mixed grains	0.78	5,329	0.83	5,550	0.94	5,959
Potatoes	2.50	22,635	1.85	21,090	2.11	21,241
Turnips, mangels, etc.	1.32	6,059	1.00	4,169	1.10	3,823
Hay and clover	12.59	85,285	12.98	70,572	14.49	88,375
Alfalfa	13.94	2,495	14.43	2,092	16.83	2,609
Fodder corn	5.84	4,894	6.10	4,703	7.52	5,347
Sugar beets	12.00	118	12.00	218	7.00 2/	74
TOTAL Field Crops	-	158,188	-	138,980	-	158,652
<b>ONTARIO</b>						
Wheat	1.09	22,703	1.25	21,388	1.48	27,083
Oats	0.58	31,250	0.60	43,066	0.79	32,777
Barley	0.73	6,858	0.77	8,280	1.03	6,317
Rye	0.99	1,237	1.99	2,742	2.91	4,202
Peas, dry	3.00	1,071	2.84	2,045	3.00	1,932
Beans, dry	2.50	2,650	2.97	3,944	5.47	6,903
Soy beans	1.90	1,600	2.21	2,369	3.06	2,466
Buckwheat	0.79	2,390	0.93	2,503	1.21	3,862
Mixed grains	0.62	20,756	0.64	27,063	0.94	23,793
Flaxseed	2.30	529	3.03	512	4.72	3,181
Corn, shelled	1.04	10,624	1.06	11,016	2.19	14,082
Potatoes	2.50	19,083	1.96	21,168	2.27	20,657
Turnips, mangels, etc.	0.58	6,674	0.67	8,406	0.92	9,143
Hay and clover	11.10	68,707	11.61	60,326	13.13	80,802
Alfalfa	11.93	25,518	12.88	20,595	14.02	18,885
Fodder corn	3.50	9,111	3.60	10,980	4.38	13,022
Sugar beets	11.67	1,915	13.70	3,184	10.00 2/	1,600
TOTAL Field Crops	-	232,676	-	249,587	-	270,707
<b>MANITOBA</b>						
Wheat	1.19	46,172	1.19	69,020	1.21	52,030
Oats	0.51	27,795	0.53	26,500	0.63	24,570
Barley	0.68	35,700	0.70	30,100	0.86	29,240
Rye	1.62	614	2.25	779	3.30	1,980
Peas, dry	2.49	575	2.85	1,744	2.40	1,049
Buckwheat	1.11	107	1.28	108	1.55	54
Mixed grains	0.58	605	0.59	248	0.80	246
Flaxseed	2.51	7,028	3.00	8,937	4.76	24,752
Corn, shelled	1.00	150	0.94	253	1.50	378
Potatoes	1.62	2,430	1.59	2,147	1.67	3,028
Turnips, mangels, etc.	1.00	293	-	-	-	-
Hay and clover	7.24	5,459	9.04	2,197	9.00	3,960
Alfalfa	10.37	6,803	12.94	1,307	13.00	2,574
Fodder corn	6.32	430	7.78	327	8.00	712
Sugar beets	8.41	691	11.03	1,080	8.30 2/	598
TOTAL Field Crops	-	134,852	-	144,747	-	145,171

2/ Initial payment only.

Crop	1 9 4 5		1 9 4 6		1 9 4 7	
	Average Price	Total Value	Average Price	Total Value	Average Price	Total Value
	\$	000\$	\$	000\$	\$	000\$
<u>SASKATCHEWAN</u>						
Wheat	1.16	194,996	1.14	237,120	1.15	198,950
Oats	0.50	71,500	0.52	52,000	0.60	48,000
Barley	0.65	35,425	0.69	29,670	0.82	36,900
Rye	1.63	4,271	2.27	9,091	3.24	21,967
Peas, dry	2.83	275	2.85	502	2.50	255
Mixed grains	0.71	1,003	0.65	104	0.74	70
Flaxseed	2.51	9,538	2.99	7,756	4.74	19,908
Potatoes	2.01	2,722	2.00	3,552	2.17	5,180
Turnips, mangels, etc.	1.70	207	-	-	-	-
Hay and clover	9.23	4,523	10.42	4,887	12.23	4,880
Alfalfa	12.38	2,067	13.93	2,688	15.89	2,717
Fodder corn	6.00	108	8.00	120	10.00	170
TOTAL Field Crops	-	326,635	-	347,490	-	338,997
<u>ALBERTA</u>						
Wheat	1.14	99,978	1.11	140,970	1.13	116,390
Oats	0.49	37,240	0.51	49,470	0.61	45,750
Barley	0.64	23,680	0.68	32,640	0.85	44,200
Rye	1.62	2,393	2.34	6,849	3.35	14,238
Peas, dry	2.55	630	3.00	942	2.66	591
Beans, dry	3.00	6	3.50	21	4.00	8
Mixed grains	0.63	868	0.63	459	0.74	266
Flaxseed	2.49	1,838	2.98	1,892	4.67	10,041
Potatoes	2.24	3,481	1.97	4,040	2.01	3,940
Turnips, mangels, etc.	1.83	357	-	-	-	-
Hay and clover	11.40	9,462	10.89	11,108	11.38	11,096
Alfalfa	13.71	7,349	13.47	6,210	14.00	6,258
Fodder corn	5.67	221	6.00	18	6.00	24
Grain hay	6.25	5,063	6.00	9,264	6.50	8,288
Sugar beets	10.57	3,837	12.16	4,682	9.50 <sup>2/</sup>	3,472
TOTAL Field Crops	-	196,403	-	268,565	-	264,562
<u>BRITISH COLUMBIA</u>						
Wheat	1.18	3,002	1.13	3,491	1.18	3,500
Oats	0.52	1,853	0.52	2,312	0.64	2,506
Barley	0.74	387	0.78	423	0.83	421
Rye	1.33	32	1.90	55	3.00	57
Peas, dry	2.35	317	2.52	524	2.76	475
Beans, dry	2.50	45	2.65	56	3.00	45
Mixed grains	0.67	131	0.69	240	0.74	272
Flaxseed	2.92	73	2.97	76	4.75	80
Potatoes	2.40	3,922	2.30	5,550	2.62	5,602
Turnips, mangels, etc.	1.25	489	1.30	519	1.60	626
Hay and clover	19.14	9,379	19.25	9,837	20.50	10,086
Alfalfa	19.20	3,898	19.44	4,530	22.00	5,302
Fodder corn	6.50	306	6.60	297	7.50	281
Grain hay	12.00	852	11.50	828	13.00	976
TOTAL Field Crops	-	24,686	-	28,738	-	30,229

<sup>2/</sup> Initial payment only.

STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010525827

