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DOMINION BUREAU OF STATISTICS - CANADA  
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### VALUE OF CANADIAN FIELD CROPS, 1945

Ottawa, December 12, 1945, 3 p.m. - The Dominion Bureau of Statistics issues today a bulletin giving by provinces the first estimate of the farm value of field crop production for 1945 as compared with the values for 1943 and 1944. The values per unit assigned to each crop represent average prices received by farmers up to the end of November and have been determined by the Bureau after consultation with the Provincial Departments of Agriculture. It should be observed that these estimates are subject to revision and that they do not represent cash income received from sales but are gross values of farm production. Several of the crops, such as mixed grains, turnips, fodder corn, etc., 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 1945 is estimated at \$1,098,859,000. This is the lowest gross value recorded since 1941 but is still almost double the 1935-39 pre-war average of \$583,260,000. It represents a decrease of \$222,449,000 from the 1944 revised estimates. Most of this decrease is due to smaller production, particularly in grain crops in the Prairie Provinces. The following table shows a comparison of the gross value of field crop production from 1931 to date.

#### Thousand Dollars

1931 .....	432,199
1932 .....	452,527
1933 .....	453,598
1934 .....	549,080
1935 .....	511,873
1936 .....	612,300
1937 .....	556,222
1938 .....	550,069
1939 .....	685,839
1940 .....	676,682
1941 .....	683,889
1942 .....	1,179,415
1943 .....	1,134,399
1944 .....	1,321,308
1945 .....	1,098,859

The 1945 wheat crop is valued at \$326.8 million, which is \$133.6 million less than the revised 1944 value of \$460.4 million. This is a reflection of the drought conditions which prevailed in Saskatchewan and Alberta during the past summer. Likewise, the other principal grain crops, oats, barley, rye and flaxseed, all show appreciable declines in value from the 1944 figures as a result of reduced production. On the other hand, only slight reductions are indicated for the potato and root crops, somewhat lower production in these cases being offset by increased prices. The 1945 hay and clover and alfalfa crops, as a result of increased production, are also estimated at higher values than in 1944.



The following table shows the values of field crop production for 1945 and 1944, by provinces, together with the changes in value in dollars and in percentages.

	Total Values		Increase (+) or Decrease (-)	
	1944	1945	in Value	
	Thousand Dollars	Thousand Dollars	Thousand Dollars	Percentages
Prince Edward Island ....	18,248	18,755	+ 507	+ 3
Nova Scotia .....	21,998	20,660	- 1,338	- 6
New Brunswick .....	37,978	34,138	- 3,840	- 10
Quebec .....	164,983	161,776	- 3,207	- 2
Ontario .....	219,237	230,264	+ 11,027	+ 5
Manitoba .....	149,019	136,814	- 12,205	- 8
Saskatchewan .....	448,894	295,223	- 153,671	- 34
Alberta .....	237,869	177,061	- 60,808	- 26
British Columbia .....	23,082	24,168	+ 1,086	+ 5
CANADA .....	1,321,308	1,098,859	- 222,449	- 17

Compared on a provincial basis, the most significant change in the gross value of field crop production occurred in Saskatchewan, where the total decrease in the value of the 1945 crops amounts to \$153.7 million representing a reduction of 34 per cent from the 1944 values. With a reduction in total value amounting to \$60.8 million, the province of Alberta records a decline of 26 per cent in the estimated gross value for 1945. As the drought did not extend into the province of Manitoba on a large scale, the reduction in the estimate for that province in 1945 is only 8 per cent, or \$12.2 million. Reductions in value are also shown for the provinces of Quebec, Nova Scotia and New Brunswick. The reductions in Quebec are principally in the values of the potato, turnip and sugar beet crops. In the case of the latter crop, some upward change in total value may occur when final figures for 1945 are compiled. Declines in the values of the grain and root crops are responsible for the decrease in the 1945 estimates for Nova Scotia. In New Brunswick an appreciable reduction occurred in the value of the 1945 potato crop with other significant reductions being shown in the values of the grain crops. The only provinces showing increases in estimated values for 1945 are Ontario, British Columbia and Prince Edward Island. In Ontario the increases occur chiefly in potatoes, hay and clover and alfalfa. These increases are sufficient to more than offset the slight decreases in the principal grain crops. On the other hand, the British Columbia estimates for 1945 are higher, due to higher estimates for grain crops as well as an increase in potatoes and in hay and clover. In Prince Edward Island the increase of 3 per cent in 1945 is due to an increase in the value of the 1945 potato crop, which is not offset by reductions in the estimates for a number of other field crops.

The total value of all field crops in Canada in 1945 is now estimated at \$1,098,859,000 as compared with \$1,321,308,000 in 1944. The 1945 total is made up of the following items, with the 1944 values within brackets: Wheat \$326,800,000 (\$460,417,000); oats \$200,781,000 (\$262,217,000); barley \$106,333,000 (\$132,191,000); rye \$7,328,000 (\$8,170,000); peas \$3,293,000 (3,265,000); beans \$3,497,000 (\$3,762,000); buckwheat \$4,286,000 (\$4,667,000); mixed grains \$30,784,000 (\$34,300,000); flaxseed \$18,131,000 (\$24,360,000); corn, shelled \$10,774,000 (\$11,557,000); potatoes \$72,620,000 (\$75,467,000); turnips, etc. \$24,202,000 (\$27,670,000); hay and clover \$216,847,000 (\$192,837,000); alfalfa \$47,064,000 (\$42,773,000); fodder corn \$14,925,000 (\$17,500,000); grain hay \$5,986,000 (\$7,905,000); sugar beets \$5,148,000 initial payment (\$6,250,000).

By provinces in order of magnitude, the total values of 1945 crops are as follows, with the 1944 figures within brackets: Saskatchewan \$295,223,000 (\$448,894,000); Ontario \$230,264,000 (\$219,237,000); Alberta \$177,061,000 (\$237,869,000); Quebec \$161,776,000 (\$164,983,000); Manitoba \$136,814,000 (\$149,019,000); New Brunswick \$34,138,000 (\$37,978,000); British Columbia \$24,168,000 (\$23,082,000); Nova Scotia \$20,660,000 (\$21,998,000); Prince Edward Island \$18,755,000 (\$18,248,000).

For the three Prairie Provinces the total value of the five principal grain crops in 1945 is estimated as follows, with the 1944 values within brackets: Wheat \$300,670,000 (\$433,671,000); oats \$135,420,000 (\$192,308,000); barley \$95,820,000 (\$120,075,000); rye \$5,991,000 (\$6,871,000); flaxseed \$17,501,000 (\$23,723,000). The total value of the five crops for the three provinces amounts to \$555,402,000 in 1945 as compared with \$776,642,000 in 1944.

The average prices received by farmers for the 1945 crops up to the end of November are estimated as follows, with the prices of 1944 crops within brackets: Cents per bushel - Wheat 106 (106); oats 53 (54); barley 68 (68); rye 122 (96); peas 276 (257); beans 267 (263); buckwheat 84 (84); mixed grains 66 (60); flaxseed 244 (252); corn shelled 104 (99). Cents per cwt. - Potatoes 202 (153); turnips, etc. 92 (87). Dollars per ton - Hay and clover 12.12 (12.77); alfalfa 12.13 (11.65); fodder corn 4.12 (3.98); grain hay 6.79 (5.97); sugar beets 8.29 initial payment (11.08).



First Estimate of the Gross Value of Field Crops, in Canada, by Provinces, for 1945, as compared with 1943 and 1944.

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

Crops	1 9 4 3		1 9 4 4		1 9 4 5	
	Average Price	Total Value	Average Price	Total Value	Average Price	Total Value
	\$	000 \$	\$	000 \$	\$	000 \$
<b>CANADA -</b>						
Wheat	1.01	288,511	1.06	460,417	1.06	326,800
Oats	0.53	255,045	0.54	268,217	0.53	200,781
Barley	0.66	141,988	0.68	132,191	0.68	106,333
Rye	0.96	6,855	0.96	8,170	1.22	7,328
Peas, dry	2.29	3,581	2.57	3,265	2.76	3,293
Beans, dry	2.33	3,280	2.63	3,762	2.67	3,497
Buckwheat	0.81	5,035	0.84	4,667	0.84	4,286
Mixed grains	0.63	22,611	0.60	34,300	0.66	30,784
Flaxseed	2.15	38,508	2.52	24,360	2.44	18,131
Corn, shelled	0.87	6,733	0.99	11,557	1.04	10,774
Potatoes	1.79	77,784	1.53	75,467	2.02	72,680
Turnips, etc.	0.65	23,315	0.87	27,670	0.92	24,202
Hay and clover	11.04	190,357	12.77	192,837	12.12	216,847
Alfalfa	10.75	41,811	11.65	42,773	12.13	47,064
Fodder corn	4.17	17,068	3.98	17,500	4.12	14,925
Grain hay	5.56	7,003	5.97	7,905	6.79	5,986
Sugar beets	10.42	4,914	11.08	6,250	8.29 <sup>1/</sup>	5,148
Total Field Crops	-	1,134,399	-	1,321,308	-	1,098,859
<b>PRINCE EDWARD ISLAND -</b>						
Wheat	1.05	155	1.07	137	1.05	84
Oats	0.63	2,860	0.57	2,610	0.58	2,554
Barley	0.88	375	0.84	358	0.81	322
Buckwheat	0.93	47	0.88	55	0.88	34
Mixed grains	0.61	1,261	0.58	1,100	0.62	1,277
Potatoes	1.54	5,114	1.34	6,323	1.60	7,362
Turnips, etc.	0.52	2,132	0.61	2,324	0.73	2,444
Hay and clover	13.50	3,807	12.76	5,257	12.13	4,634
Fodder corn	7.00	70	7.00	84	5.50	44
Total Field Crops	-	15,821	-	18,248	-	18,755
<b>NOVA SCOTIA -</b>						
Wheat	1.01	32	1.11	36	1.11	23
Oats	0.71	1,372	0.69	1,824	0.70	1,337
Barley	0.90	249	0.92	270	0.90	198
Buckwheat	0.97	66	0.99	50	1.03	35
Mixed grains	0.77	129	0.85	168	0.82	121
Potatoes	2.17	2,995	1.74	5,351	2.17	4,132
Turnips, etc.	0.84	3,192	1.26	4,304	1.45	3,892
Hay and clover	13.75	10,519	15.43	9,937	13.83	10,898
Fodder corn	5.25	68	5.25	58	4.00	24
Total Field Crops	-	12,622	-	21,998	-	20,660
<b>NEW BRUNSWICK -</b>						
Wheat	1.25	76	1.21	73	1.18	48
Oats	0.68	4,910	0.67	4,478	0.66	4,266
Barley	0.99	561	0.98	489	0.96	357
Beans, dry	4.50	117	4.00	60	3.50	60
Buckwheat	1.00	613	1.00	508	1.02	339
Mixed grains	0.76	290	0.62	285	0.69	263
Potatoes	1.70	17,734	1.28	13,274	1.66	11,208
Turnips, etc.	0.83	4,059	1.12	4,301	1.20	2,836
Hay and clover	16.00	15,280	15.72	14,400	14.01	14,711
Fodder corn	5.00	155	5.00	110	5.00	50
Total Field Crops	-	43,795	-	37,978	-	34,138

<sup>1/</sup> Initial Payment.

Crops	1 9 4 3		1 9 4 4		1 9 4 5	
	Average Price	Total Value	Average Price	Total Value	Average Price	Total Value
	\$	000 \$	\$	000 \$	\$	000 \$
QUEBEC -						
Wheat	1.08	543	1.10	557	1.12	472
Oats	0.65	24,716	0.64	28,470	0.66	25,108
Barley	0.80	2,546	0.83	2,675	0.86	2,631
Rye	0.87	164	0.97	146	0.94	126
Peas, dry	3.13	1,208	3.16	1,191	3.33	979
Beans, dry	3.14	634	3.19	762	3.47	743
Buckwheat	0.84	1,536	0.90	1,362	0.92	1,453
Mixed grains	0.82	5,766	0.75	5,480	0.86	5,769
Potatoes	1.85	20,824	1.49	22,398	2.25	20,358
Turnips, etc.	0.79	6,205	1.06	6,380	1.24	5,806
Hay and clover	11.55	77,408	15.56	88,708	13.10	90,940
Alfalfa	12.92	2,468	17.25	2,570	14.75	2,640
Fodder corn	6.23	4,299	5.27	4,090	5.60	4,631
Sugar beets	-	-	12.00	194	6.00 <u>1/</u>	120
Total Field Crops	-	148,317	-	164,983	-	161,776
ONTARIO -						
Wheat	1.09	15,104	1.08	23,413	1.08	22,883
Oats	0.58	20,113	0.55	36,714	0.56	30,172
Barley	0.70	4,492	0.70	7,832	0.71	6,670
Rye	0.85	898	0.91	1,130	0.95	1,187
Peas, dry	2.06	1,055	2.75	583	3.00	564
Beans, dry	2.15	2,485	2.50	2,888	2.50	2,650
Buckwheat	0.75	2,684	0.78	2,596	0.77	2,329
Mixed grains	0.58	11,835	0.57	23,221	0.62	20,756
Flaxseed	1.85	435	2.40	571	2.45	564
Corn, shelled	0.88	6,103	0.99	10,930	1.04	10,624
Potatoes	2.20	16,588	1.91	16,273	2.35	17,938
Turnips, etc.	0.45	5,894	0.60	7,823	0.62	7,624
Hay and clover	10.20	58,466	10.48	49,046	11.28	69,552
Alfalfa	10.75	23,811	11.31	23,027	12.16	26,010
Fodder corn	3.50	10,714	3.50	11,561	3.50	9,111
Sugar beets	11.70	757	12.40	1,629	9.94 <u>1/</u>	1,630
Total Field Crops	-	181,434	-	219,237	-	230,264
MANITOBA -						
Wheat	1.04	40,560	1.07	58,743	1.09	46,870
Oats	0.52	32,760	0.53	32,330	0.51	28,050
Barley	0.66	44,880	0.68	37,196	0.73	38,690
Rye	1.00	836	0.98	600	1.29	489
Peas, dry	2.05	226	2.10	380	2.49	575
Buckwheat	0.84	89	1.04	96	1.00	96
Mixed grains	0.70	888	0.65	753	0.58	605
Flaxseed	2.16	6,048	2.54	4,475	2.44	6,832
Corn, shelled	0.75	630	0.95	627	1.00	150
Potatoes	1.20	2,897	1.30	1,807	1.43	2,145
Turnips, etc.	0.82	394	1.16	404	1.00	293
Hay and clover	5.80	4,721	6.65	5,160	6.46	4,871
Alfalfa	8.00	4,048	9.49	4,906	9.39	6,160
Fodder corn	5.50	919	6.00	798	6.32	430
Sugar beets	9.89	1,079	9.35	744	6.80 <u>1/</u>	558
Total Field Crops	-	140,975	-	149,019	-	136,814

1/ Initial payment.



Crops	1 9 4 3		1 9 4 4		1 9 4 5	
	Average	Total	Average	Total	Average	Total
	Price	Value	Price	Value	Price	Value
	\$	000 \$	\$	000 \$	\$	000 \$
<u>SASKATCHEWAN -</u>						
Wheat	1.02	148,920	1.06	265,000	1.06	167,480
Oats	0.51	102,000	0.52	102,960	0.51	70,890
Barley	0.65	52,000	0.67	48,240	0.65	34,450
Rye	0.98	3,724	0.96	4,608	1.31	3,626
Peas, dry	-	-	2.00	120	2.83	275
Mixed grains	0.63	1,189	0.59	2,242	0.71	998
Flaxseed	2.16	24,840	2.52	16,128	2.45	8,827
Potatoes	1.34	3,863	1.29	2,897	1.80	2,437
Turnips, etc.	1.00	349	1.26	465	1.50	183
Hay and clover	6.75	3,881	7.14	4,034	8.16	3,998
Alfalfa	9.50	2,879	10.80	2,084	11.68	1,951
Fodder corn	6.40	166	5.50	116	6.00	108
Total Field Crops	-	343,811	-	448,894	-	295,223
<u>ALBERTA -</u>						
Wheat	0.98	81,144	1.04	109,928	1.04	86,320
Oats	0.50	64,500	0.51	57,018	0.48	36,480
Barley	0.65	36,400	0.67	34,639	0.63	22,680
Rye	0.98	1,210	0.98	1,663	1.27	1,876
Peas, dry	2.00	790	2.37	600	2.55	630
Beans, dry	1.80	18	2.65	13	3.00	6
Mixed grains	0.50	1,088	0.55	890	0.63	868
Flaxseed	2.13	7,029	2.51	3,120	2.38	1,842
Potatoes	1.60	3,445	1.47	3,165	1.94	3,015
Turnips, etc.	1.10	462	1.40	659	1.65	322
Hay and clover	8.25	8,415	8.86	8,718	10.00	8,300
Alfalfa	9.75	4,846	11.31	6,481	12.31	6,598
Fodder corn	7.70	377	5.25	362	5.67	221
Grain hay	5.00	6,000	5.50	6,930	6.25	5,063
Sugar beets	10.33	3,078	10.93	3,683	8.00 <u>1/</u>	2,840
Total Field Crops	-	218,802	-	237,869	-	177,061
<u>BRITISH COLUMBIA -</u>						
Wheat	0.96	1,977	1.00	2,530	1.03	2,620
Oats	0.50	1,814	0.49	1,813	0.54	1,924
Barley	0.70	485	0.72	492	0.64	335
Rye	0.80	23	0.97	23	1.01	24
Peas, dry	1.90	302	2.10	391	2.00	270
Beans, dry	2.00	26	2.15	39	2.10	38
Mixed grains	0.61	165	0.63	161	0.65	127
Flaxseed	2.05	156	2.62	66	2.62	66
Potatoes	2.00	4,324	2.09	3,979	2.50	4,085
Turnips, etc.	0.90	628	1.87	1,010	2.05	802
Hay and clover	20.00	7,860	17.87	7,577	18.25	8,943
Alfalfa	21.00	3,759	18.34	3,705	18.25	3,705
Fodder corn	6.00	300	6.30	321	6.50	306
Grain hay	17.00	1,003	15.00	975	13.00	923
Total Field Crops	-	22,822	-	23,082	-	24,168

1/ Initial Payment.



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