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DECEMBER ESTIMATE OF VALUE OF CANADA'S PRINCIPAL FIELD CROPS, 1951 AND 1952

Revised data on production and on average prices received by farmers indicate that the gross value of production of Canada's principal field crops in 1951 exceeded two billion dollars for the first time in history. Crops contributing the largest amounts to the 1951 record-breaking total of \$2,124 million were wheat, \$855 million; oats, \$369 million; tame hay, \$297 million; and barley, \$270 million. On a provincial basis, the value of Saskatchewan's 1951 field crop production was estimated at \$717 million, one-third of the all-Canada total, followed by Alberta with \$498 million, Ontario with \$387 million and Manitoba with \$225 million.

Preliminary estimates of value of Canada's 1952 crops, based on average prices received by farmers during the August—November period, indicate that a new record is likely to be set, largely as the result of this year's unprecedented crops of wheat and barley and above-average outturns of most other field crops.

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 farm production. Several crops, such as mixed grains and fodder corn, are utilized almost wholly on farms where grown, average unit prices being determined from the relatively small quantities sold commercially and then applied to the entire production of each crop to give its estimated value. Although such crops do not add greatly to farm cash income, they increase materially the gross value of farm production of field crops.

Where monthly marketing data are available, the monthly average farm prices have been weighted by marketings to give weighted average unit values for the period. The average values assigned to most crops have been determined initially from the returns of the Bureau's farm price correspondents but have been accepted only after consultation with the officials responsible for agricultural statistics in each of the provinces and after due consideration has been given to factors such as quality and grade. For some crops, price data have been supplied by processing companies.

The values of 1951 field crops have been revised, wherever possible, on the basis of weighted average prices for the crop year 1951-52 (August 1, 1951—July 31, 1952). Effect has been given to final payments made on the 1951 Western wheat, oats and barley crops and on sugar beets in the four beet-producing provinces.

Values per unit assigned to each crop in 1952 represent, for the most part, average prices received by farmers from August 1, the beginning of the crop year, up to mid-November only. No attempt has been made to forecast prices for the remainder of the crop year. A further estimate, based on average prices during

Note: Data for Newfoundland not available.

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the first six months of the crop year, will be issued next February, while a revised statement, based on prices during the entire crop year, will be released a year later together with the preliminary estimate of value of 1953 field crops. For wheat, oats and barley of the 1952 crop in Western Canada, and for sugar beets in provinces where grown, only initial prices are considered in the current estimate. The effect of additional payments will be taken into account in later revisions when the extent of these becomes known.

Based on prices received by farmers during the August—November period, the gross value of principal field crops produced on Canadian farms in 1952 is estimated at \$1,940 million. Direct comparison between this preliminary estimate and the revised estimate of \$2,124 million for the 1951 crops is misleading since the 1951 total includes the effect of interim and final payments on Western Canadian wheat, oats and barley and on sugar beets whereas the 1952 total is based on initial payments only for these four crops. This means, in effect, that estimates of the value of the 1952 crops are subject to substantial revision not only due to whatever additional payments may be made on these four crops but also to other adjustments through changes in price and/or production estimates for all crops.

A more realistic appraisal of the potential value of the 1952 crops relative to those of 1951 may be obtained by comparing the preliminary value of the 1952 crops with the corresponding figures for 1951. In both periods the initial payments were the same on Western Canadian wheat, oats and barley—grains which accounted for about 62 per cent of the total value of all Canadian field crops in 1951. This year's preliminary estimate of \$1,940 million represents an increase of 13 per cent over last year's preliminary estimate based on the revised production of 1951 crops valued at average farm prices received in the August—November period of 1951. Should this relationship be maintained for the entire crop year, the total value of Canada's 1952 field crops may approximate \$2.4 billion.

It is observed that, with the exception of western wheat, oats and barley for which initial payments have been made at the same levels as last year, prices received for practically all of this year's crops to date have been slightly lower than the average prices received for the 1951 crops. Any significant changes in prices received by farmers during the remainder of the crop year will have a corresponding effect on the final estimate of gross value of the 1952 field crops.

Estimated Value of Production of Principal Field Crops, by Provinces, 1951 & 1952

Province	Revised Value 1951	Preliminary Value		Increase (+) or Decrease (-) in	
		1951 <u>1/</u>	1952	Preliminary Value of 1952 Crops <u>2/</u>	
	\$ 000	\$ 000	\$ 000	\$ 000	per cent
P.E.I. ...	26,590	20,399	30,896	+ 10,497	+ 51.5
N.S.	20,958	19,323	23,275	+ 3,952	+ 20.5
N.B.	38,876	33,403	36,149	+ 2,746	+ 8.2
Que.	178,314	167,319	155,146	- 12,173	- 7.3
Ont.	386,700 ^{382,137}	365,757	332,618 ^{329,351}	- 33,139 ^{36,400}	- 9.1 ^{10.0}
Man.	225,227	169,391	200,261	+ 30,870	+ 18.2
Sask.	716,993	534,553	716,343	+ 181,790	+ 34.0
Alta.	498,491	376,387	409,314	+ 32,927	+ 8.7
B.C.	31,715	30,379	36,174	+ 5,795	+ 19.1
CANADA ...	2,123,864 ^{2,126,321}	1,716,911	1,940,176 ^{1,936,913}	+ 223,265 ^{336,604}	+ 13.0 ^{12.8}

1/ Based on revised production of 1951 crops valued at average farm prices for the August—November period, 1951, as published December 13, 1951.

2/ As compared with preliminary value of 1951 crops.

Preliminary Estimate of the Gross Value of Field Crops in Canada,
by Provinces, 1952 Compared with the Revised Estimate for 1951

Province and Crop	Production		Average Farm Price		Total Farm Value	
	1951	1952	1951 1/	1952 2/	1951 1/	1952 2/
	- bushels -		\$ per bushel		- \$ 000 -	
CANADA						
Wheat	552,657,000	687,923,000	1.55	1.18 3/	855,137	813,588 3/
Oats	488,191,000	466,123,000	0.76	0.60 3/	369,296	278,467 3/
Barley	245,218,000	291,337,000	1.10	0.80 3/	269,951	233,492 3/
Rye	17,647,000	24,559,000	1.56	1.50	27,575	36,838
Mixed grains	68,509,000	62,813,000	1.01	0.95	69,485	59,820
Corn, shelled	15,915,000 4/	19,722,000	1.79	1.57	28,527	30,896
Buckwheat	2,916,000	2,688,000	1.35	1.29	3,930	3,474
Peas, dry	744,800	884,000	2.80	2.67	2,084	2,364
Beans, dry	1,233,200	1,297,800	4.19	4.02	5,173	5,221
Potatoes	48,355,000	58,865,000	2.03	1.95	98,077	114,618
Flaxseed	9,897,000	12,961,000	3.90	3.27	38,616	42,353
Soybeans	3,843,000	4,128,000	2.75	2.68	10,568	11,063
- pounds -						
Sunflower seed	6,450,000	2,345,000	0.04	0.05	258	117
Rapeseed	7,125,000	15,900,000	0.035	0.034	249	547
- hundredweight -						
Field roots	13,807,000 10,244,000	13,933,000 4/ 9,856,000	1.11 1.15	0.95 1.02	15,315 11,752	13,304 10,642
- \$ per ton -						
Tame hay	19,484,000	19,090,000	15.26	13.98	297,238	266,941
Fodder corn	3,607,000	3,842,300	4.97	4.52	17,942	17,382
Sugar beets	965,467 4/	1,020,486 4/	14.96	9.50 3/	14,443	9,691 3/
Totals					2,123,864 2,128,301	1,940,176 1,936,914
PRINCE EDWARD ISLAND						
- bushels -						
Wheat	113,000	85,000	2.00	1.86	226	158
Oats	3,900,000	3,456,000	0.90	0.88	3,510	3,041
Barley	131,000	126,000	1.26	1.26	165	159
Mixed grains	3,011,000	2,777,000	0.95	0.95	2,860	2,638
Buckwheat	10,000	9,000	1.45	1.34	14	12
Potatoes	5,930,000	9,686,000	2.13	1.85	12,631	17,919
- hundredweight -						
Field roots	2,060,000	2,100,000	1.08	0.90	2,225	1,890
- tons -						
Tame hay	385,000	418,000	12.75	12.00	4,909	5,016
Fodder corn	5,600	8,400	9.00	7.50	50	63
Totals					26,590	30,896
NOVA SCOTIA						
- bushels -						
Wheat	26,000	22,000	2.00	1.85	52	41
Oats	2,650,000	2,356,000	1.00	1.00	2,650	2,356
Barley	141,000	118,000	1.35	1.30	190	153
Mixed grains	352,000	392,000	1.20	1.15	422	451
Buckwheat	15,000	15,000	1.50	1.42	22	21
Potatoes	2,034,000	2,760,000	2.25	2.30	4,576	6,348
- hundredweight -						
Field roots	1,398,000	1,290,000	1.40	1.55	1,957	2,000
- tons -						
Tame hay	690,000	847,000	16.00	14.00	11,040	11,858
Fodder corn	7,600	7,200	6.50	6.50	49	47
Totals					20,958	23,275

Province and Crop	Production		Average Farm Price		Total Farm Value	
	1951	1952	1951 1/	1952 2/	1951 1/	1952 2/
	- bushels -		- \$ per bushel -		- \$ 000 -	
<u>NEW BRUNSWICK</u>						
Wheat	78,000	62,000	1.95	1.77	152	110
Oats	6,700,000	4,650,000	0.89	0.88	5,963	4,092
Barley	476,000	268,000	1.25	1.26	595	338
Mixed grains	275,000	236,000	1.00	1.00	275	236
Buckwheat	245,000	189,000	1.37	1.30	336	246
Potatoes	9,510,000	10,974,000	2.00	1.75	19,020	19,204
	- hundredweight -		- \$ per cwt. -			
Field roots	964,000	900,000	1.45	1.40	1,398	1,260
	- tons -		- \$ per ton -			
Tame hay	793,000	886,000	14.00	12.00	11,102	10,632
Fodder corn	5,400	4,800	6.50	6.50	35	31
Totals					38,876	36,149

QUEBEC	- bushels -		- \$ per bushel -		- \$ 000 -	
Wheat	267,000	221,000	1.92	1.81	513	400
Oats	47,985,000	36,801,000	0.99	0.96	47,505	35,329
Barley	1,847,000	1,514,000	1.32	1.32	2,438	1,998
Rye	102,000	74,000	1.65	1.60	168	118
Mixed grains	7,619,000	6,213,000	1.30	1.17	9,905	7,269
Buckwheat	1,084,000	849,000	1.40	1.34	1,518	1,138
Peas, dry	60,400	54,000	4.53	4.22	274	228
Beans, dry	16,000	16,000	4.94	5.28	79	84
Potatoes	12,739,000	13,663,000	2.02	2.20	25,733	30,059
	- hundredweight -		- \$ per cwt. -			
Field roots	2,150,000	1,367,000	1.10	0.97	2,365	1,326
	- tons -		- \$ per ton -			
Tame hay	5,875,000	6,060,000	14.00	12.00	82,250	72,720
Fodder corn	654,000	645,000	6.30	6.00	4,120	3,870
Sugar beets	96,406 4/	86,678 4/	15.00	7.00 3/	1,446	607 3/
Totals					178,314	155,146

ONTARIO	- bushels -		- \$ per bushel -		- \$ 000 -	
Wheat	20,648,000	21,560,000	2.06	1.73	42,535	37,299
Oats	82,218,000	67,560,000	0.89	0.80	73,174	54,048
Barley	7,339,000	6,689,000	1.30	1.35	9,541	9,030
Rye	1,505,000	1,494,000	1.67	1.60	2,513	2,390
Mixed grains	51,867,000	47,970,000	1.00	0.94	51,867	45,092
Corn, shelled	15,765,000	19,170,000	1.80	1.58	28,377	30,289
Buckwheat	1,436,000	1,443,000	1.30	1.28	1,867	1,847
Peas, dry	155,000	144,000	3.12	3.04	484	438
Beans, dry	1,210,000	1,277,000	4.18	4.00	5,058	5,108
Potatoes	9,661,000	11,276,000	2.20	2.03	21,254	22,890
Flaxseed	960,000	871,000	4.00	3.34	3,840	2,909
Soybeans	3,843,000	4,128,000	2.75	2.68	10,568	11,063
	- hundredweight -		- \$ per cwt. -			
Field roots	7,127,000	8,154,000	1.00	0.80	7,127	6,523
	3,564,010	4,077,000			3,564	3,262

Province and Crop	Production		Average Farm Price		Total Farm Value	
	1951	1952	1951 1/	1952 2/	1951 1/	1952 2/
ONTARIO						
	- tons -		- \$ per ton -		- \$ 000 -	
Tame hay	7,357,000	6,157,000	15.00	14.46	110,355	89,030
Fodder corn	2,823,000	3,006,000	4.50	4.00	12,704	12,024
Sugar beets	341,548 4/	329,808 4/	15.92	8.00 3/	5,436	2,638 3/
Totals					386,700 383,137	332,618 329,357
MANITOBA						
	- bushels -		- \$ per bushel -		- \$ 000 -	
Wheat	52,000,000	57,000,000	1.61	1.20 3/	83,720	68,400 3/
Oats	58,000,000	65,000,000	0.71	0.52 3/	41,180	33,800 3/
Barley	56,000,000	71,000,000	1.13	0.84 3/	63,280	59,640 3/
Rye	835,000	924,000	1.54	1.53	1,286	1,414
Mixed grains	1,056,000	1,200,000	0.80	0.80	845	960
Corn, shelled	150,000 4/	552,000	1.00	1.10	150	607
Buckwheat	126,000	183,000	1.37	1.15	173	210
Peas, dry	343,000	460,000	2.50	2.25	858	1,035
Potatoes	2,244,000	2,751,000	1.48	1.75	3,321	4,814
Flaxseed	5,000,000	5,700,000	3.87	3.30	19,350	18,810
	- pounds -		- \$ per pound -			
Sunflower seed	6,450,000	2,345,000	0.04	0.05	258	117
Rapeseed	5/	4,500,000	5/	0.033	5/	148
	- tons -		- \$ per ton -			
Tame hay	650,000	646,000	12.00	13.00	7,800	8,398
Fodder corn	56,500	106,000	8.00	7.00	452	742
Sugar beets	178,319	124,000	14.32	9.40 3/	2,554	1,166 3/
Totals					225,227	200,261
SASKATCHEWAN						
	- bushels -		- \$ per bushel -		- \$ 000 -	
Wheat	325,000,000	435,000,000	1.52	1.18 3/	494,000	513,300 3/
Oats	148,000,000	152,000,000	0.68	0.52 3/	100,640	79,040 3/
Barley	73,000,000	92,000,000	1.08	0.77 3/	78,840	70,840 3/
Rye	9,800,000	14,200,000	1.56	1.52	15,288	21,584
Mixed grains	1,060,000	1,000,000	0.76	0.80	806	800
Peas, dry	27,600	27,000	2.30	2.30	63	62
Potatoes	1,923,000	1,847,000	1.43	1.37	2,750	2,530
Flaxseed	2,300,000	4,300,000	3.94	3.25	9,062	13,975
	- pounds -		- \$ per pound -			
Rapeseed	7,125,000	11,400,000	0.035	0.035	249	399
	- tons -		- \$ per ton -			
Tame hay	1,017,000	1,020,000	15.00	13.50	15,255	13,770
Fodder corn	3,300	4,300	12.00	10.00	40	43
Totals					716,993	716,343



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Province and Crop	Production		Average Farm Value		Total Farm Value	
	1951	1952	1951 <u>1/</u>	1952 <u>2/</u>	1951 <u>1/</u>	1952 <u>2/</u>
	- bushels -		- \$ per bushel -		- \$ 000 -	
<u>ALBERTA</u>						
Wheat	152,000,000	172,000,000	1.51	1.11 <u>3/</u>	229,520	190,920 <u>3/</u>
Oats	134,000,000	129,000,000	0.68	0.49 <u>3/</u>	91,120	63,210 <u>3/</u>
Barley	105,000,000	118,000,000	1.08	0.76 <u>3/</u>	113,400	89,680 <u>3/</u>
Rye	5,345,000	7,800,000	1.54	1.44	8,231	11,232
Mixed grains	3,159,000	2,900,000	0.76	0.78	2,401	2,262
Peas, dry	118,000	142,000	2.40	3.15	283	447
Potatoes	2,354,000	3,256,000	1.72	1.46	4,049	4,754
Flaxseed	1,570,000	2,000,000	3.90	3.19	6,123	6,380
	- tons -		- \$ per ton -			
Tame hay	2,157,000	2,261,000	17.75	15.50	38,287	35,046
Fodder corn	9,400	14,700	7.50	7.00	70	103
Sugar beets	349,194	480,000	14.34	11.00 <u>3/</u>	5,007	5,280 <u>3/</u>
Totals					498,491	409,314

BRITISH COLUMBIA	- bushels		- \$ per bushel -		- \$ 000 -	
	1951	1952	1951 1/	1952 2/	1951 1/	1952 2/
Wheat	2,525,000	1,973,000	1.75	1.50 3/	4,419	2,900 3/
Oats	4,738,000	5,300,000	0.75	0.67 3/	3,554	3,551 3/
Barley	1,284,000	1,622,000	1.17	1.02 3/	1,502	1,654 3/
Rye	60,000	67,000	1.48	1.50	89	100
Mixed grains	110,000	125,000	0.95	0.90	104	112
Peas, dry	40,800	57,000	3.00	2.70	122	154
Beans, dry	7,200	4,800	5.00	6.00	36	29
Potatoes	1,960,000	2,652,000	2.42	2.30	4,743	6,100
Flaxseed	67,000	90,000	3.59	3.10	241	279
	- hundredweight -		- \$ per cwt. -			
Field roots	108,000	122,000	2.25	2.50	243	305
	- tons -		- \$ per ton -		- \$ 000 -	
Tame hay	560,000	795,000	29.00	25.75	16,240	20,471
Fodder corn	42,200	45,900	10.00	10.00	422	459
Totals					31,715	36,174

1/ Revised; includes effect of final payments on Western Canadian wheat, oats and barley, and on sugar beets.

2/ Preliminary.

3/ Based on initial payments only for Western Canadian wheat, oats and barley, and for sugar beets; subject to upward revision when interim and final payments become known.

4/ Revised.

5/ No significant quantity reported.