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Revised Estimates of Production, Value and Stocks of Principal Field Crops
1956 and 1957; Preliminary Estimate of Value, 1957

Revised data indicate that the gross farm value of production of Canada's principal field crops in 1956 was \$1.82 billion, practically unchanged from the \$1.81 billion level of 1955, but considerably lower than the record \$2.33 billion of 1952. The pre-war (1935-39) average value of field crop production in Canada was \$0.58 billion, while the 1945-49 average amounted to some \$1.52 billion.

Crops contributing the largest amount to the 1956 total were wheat, \$675 million; tame hay, \$303 million; oats, \$300 million; and barley, \$196 million. The gross value of the 1956 wheat, oats and barley crop and the all-Canada total will be increased further by whatever final payment may be made on that part of the wheat, oats and barley crop marketed through the Canadian Wheat Board. On a provincial basis in 1956, Saskatchewan with \$648 million recorded the highest value of field crop production, followed by Alberta, with \$392 million and Ontario with \$298 million. The gross value of field crop production in other provinces in 1956 was estimated in millions of dollars as follows: Manitoba, \$196; Quebec, \$176; British Columbia, \$32; New Brunswick, \$30; Prince Edward Island, \$23 and Nova Scotia \$20.

Preliminary estimates of the value of Canada's 1957 field crops, at \$1.35 billion, calculated from average prices received by farmers during the August 1957-January 1958 period and based on initial payments only for western wheat, oats and barley, indicate a sharp reduction from the 1956 level. The drop in value is mainly a reflection of the marked reduction in production of the major field crops in the Prairie Provinces. It is emphasized that a direct comparison between the 1957 preliminary total of \$1.35 billion and the 1956 revised total of \$1.82 billion is unrealistic. Some further payments may be made by the Canadian Wheat Board on the 1956 crop. The 1957 values reflect initial payments only for wheat, oats and barley on that part of the crop marketed through the Canadian Wheat Board as well as reflecting six-month average prices for all of Canada.

In Western Canada, largely because of the smaller grain crop the gross value of field crop production in 1957 was sharply below that of a year earlier. All provinces in Eastern Canada also registered declines in gross value in 1957.

Note: Data for Newfoundland not available.

Prepared in Crops Section, Agriculture Division

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EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1958

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 farm 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 reports of the Bureau's farm price correspondents but have been accepted only after consultation with 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 and marketing agencies.

The interim payment on the 1956 western wheat crop and the total payments on sugar beets in the four beet-producing provinces have been included in the 1956 estimates. Details of final payments on the 1956 western wheat, oats and barley crops have not yet been announced. Final prices for the 1955 wheat crop for Western Canada are shown in Table 1, Footnote 1.

Except where noted in the tables values per unit assigned to each crop in 1957 represent prices received by farmers from August 1, the beginning of the current crop year, up to mid-January only. No attempt has been made to forecast prices for the remainder of the crop year. For the 1957 crop of wheat, oats and barley in Western Canada the current estimates are based on initial payments only. The effect of additional payments on these crops as well as other adjustments through changes in price and/or production for all crops will be taken into account in later revisions when the extent of these become known.

For most crops, production estimates in this report are those published in the Dominion Bureau of Statistics 'November Estimate of Production'. Details of the estimates for which revisions have been made since the publication of the November report may be found in Table 4. A preliminary reduction in the wheat production estimate in Alberta was made to take account of expected losses from weathering in crops not harvested last fall, mainly in the northern part of the province.

Revised figures on visible (commercial) carryover stocks of the five major grains at the end of the 1956-57 crop year have been recently released by the Board of Grain Commissioners making revisions necessary in total stocks figures. These latest data on carryover stocks may be found in Table 5.

Table 1: Preliminary Estimate of the Gross Value of Field Crops in Canada,
by Provinces, 1957, Compared with Revised Estimates for 1956

Province and Crop	Production		Average Farm Price		Total Farm Value	
	1956	1957	1956	1957 2/	1956	1957 2/
	- bushels -		- \$ per bushel -		- \$000 -	
<u>CANADA</u>						
Wheat	573,062,000	370,508,000	1.18 1/	1.09 3/	675,475 1/	402,899 3/
Oats for grain	524,445,000	384,599,000	0.57 1/	0.56 3/	300,189 1/	215,985 3/
Barley	269,065,000	219,993,000	0.73 1/	0.71 3/	195,551 1/	156,194 3/
Rye	8,584,000	8,539,000	1.00	0.88	8,560	7,538
Flaxseed	34,463,000	19,979,000	2.56	2.54	88,277	50,748
Mixed grains	66,608,000	63,292,000	0.84	0.76	56,001	47,910
Corn for grain	27,814,000	29,613,000	1.20	1.07	33,377	31,738
Buckwheat	3,177,000	2,202,000	1.15	1.14	3,665	2,520
Peas, dry	1,817,000	1,400,000	1.99	1.99	3,618	2,780
Beans, dry	1,146,000	1,094,000	3.82	3.88	4,384	4,248
Soybeans	5,301,000	6,524,000	2.15	1.95	11,376	12,700
	- cwt. -		- \$ per cwt. -			
Potatoes	42,325,000	43,052,000	1.75	1.46	74,274	63,036
	- pounds -		- \$ per pound -			
Mustard seed	133,300,000	71,112,000	0.038	0.035	5,069	2,491
Rapeseed	300,468,000	454,688,000	0.035	0.034	10,541	15,514
Sunflower seed	16,500,000	19,250,000	0.042	0.040	693	770
	- tons -		- \$ per ton -			
Tame hay	19,655,000	19,188,000	15.40	15.23	302,698	292,255
Fodder corn	3,450,000	3,612,000	4.79	4.72	16,519	17,055
Field roots	425,000	355,000	21.25	22.65	9,033	8,040
Sugar beets	892,872	1,053,588	17.33	13.62 4/	15,470	14,345 4/
Totals					1,814,770	1,348,766
	- bushels -		- \$ per bushel -			
<u>PRINCE EDWARD ISLAND</u>						
Wheat	84,000	78,000	1.69	1.60	142	125
Oats for grain	4,508,000	4,185,000	0.76	0.69	3,426	2,888
Barley	32,000	38,000	1.05	0.94	34	36
Mixed grains	2,755,000	2,444,000	0.85	0.85	2,342	2,077
	- cwt. -		- \$ per cwt. -			
Potatoes	7,012,000	8,463,000	1.48	1.01	10,378	8,548
	- tons -		- \$ per ton -			
Tame hay	422,000	273,000	12.00	16.00	5,064	4,368
Field roots	85,000	80,000	16.20	17.00	1,377	1,360
Totals					22,763	19,402
	- bushels -		- \$ per bushel -			
<u>NOVA SCOTIA</u>						
Wheat	20,000	17,000	1.75	1.60	35	27
Oats for grain	2,035,000	1,975,000	0.98	0.90	1,994	1,778
Barley	56,000	49,000	1.17	1.05	66	51
Mixed grains	466,000	485,000	1.05	0.98	489	475
	- cwt. -		- \$ per cwt. -			
Potatoes	1,438,000	1,754,000	2.05	1.55	2,948	2,719
	- tons -		- \$ per ton -			
Tame hay	691,000	502,000	18.00	22.00	12,438	11,044
Field roots	56,000	46,000	27.40	30.00	1,534	1,380
Totals					19,504	17,474

Note: See page 6 for footnotes.

Province and Crop	Production		Average Farm Price		Total Farm Value	
	1956	1957	1956	1957 2/	1956	1957 2/
	- bushels -		- \$ per bushel -		- \$000 -	
<u>NEW BRUNSWICK</u>						
Wheat	51,000	68,000	1.68	1.64	102	112
Oats for grain	6,500,000	5,808,000	0.80	0.71	5,200	4,124
Barley	156,000	156,000	1.06	0.99	165	154
Mixed grains	254,000	290,000	0.95	0.85	241	246
Buckwheat	162,000	148,000	1.25	1.10	202	163
	- cwt. -		- \$ per cwt. -			
Potatoes	9,148,000	8,740,000	1.41	0.92	12,899	8,041
	- tons -		- \$ per ton -			
Tame hay	758,000	706,000	13.00	16.00	9,854	11,296
Field roots	30,000	31,000	28.60	29.00	858	899
Totals					29,521	25,035
	- bushels -		- \$ per bushel -			
<u>QUEBEC</u>						
Wheat	365,000	393,000	1.66	1.60	606	629
Oats for grain	46,294,000	50,320,000	0.88	0.81	40,739	40,759
Barley	961,000	911,000	1.13	1.10	1,086	1,002
Rye	181,000	208,000	1.23	1.20	223	250
Mixed grains	7,256,000	7,790,000	1.12	1.02	8,127	7,946
Buckwheat	1,209,000	948,000	1.29	1.22	1,560	1,157
Peas, dry	56,000	72,000	4.00	3.80	224	274
Beans, dry	25,000	26,000	4.50	4.00	113	104
	- cwt. -		- \$ per cwt. -			
Potatoes	10,129,000	11,552,000	2.10	1.50	21,271	17,328
	- tons -		- \$ per ton -			
Tame hay	6,102,000	5,770,000	15.50	16.25	94,581	93,763
Fodder corn	631,000	652,000	6.80	6.00	4,291	3,912
Field roots	83,000	63,000	28.40	27.00	2,357	1,701
Sugar beets	54,855	76,452	15.00	13.00 4/	823	994 4/
Totals					176,001	169,819
	- bushels -		- \$ per bushel -			
<u>ONTARIO</u>						
Wheat	20,357,000	19,921,000	1.44	1.26	29,350	25,101
Oats for grain	60,648,000	79,695,000	0.78	0.67	47,305	53,396
Barley	3,713,000	3,783,000	1.06	0.96	3,936	3,632
Rye	1,865,000	1,980,000	1.18	1.01	2,201	2,000
Flaxseed	227,000	163,000	2.81	2.54	638	414
Mixed grains	44,292,000	42,420,000	0.84	0.73	37,205	30,967
Corn for grain	27,636,000	29,325,000	1.20	1.07	33,163	31,378
Buckwheat	1,188,000	651,000	1.16	1.06	1,378	690
Peas, dry	127,000	143,000	2.50	2.50	318	358
Beans, dry	1,121,000	1,068,000	3.81	3.88	4,271	4,144
Soybeans	5,269,000	6,476,000	2.15	1.95	11,328	12,628
	- cwt. -		- \$ per cwt. -			
Potatoes	7,565,000	7,260,000	1.75	1.70	13,238	12,342
	- tons -		- \$ per ton -			
Tame hay	6,416,000	6,600,000	15.25	14.10	97,844	93,060
Fodder corn	2,653,000	2,831,000	4.15	4.37	11,010	12,371
Field roots	171,000	135,000	17.00	20.00	2,907	2,700
Sugar beets	144,679	265,374	15.24	13.00 4/	2,205	3,450 4/
Totals					298,297	288,631

Province and Crop	Production		Average Farm Price		Total Farm Value	
	1956	1957	1956	1957 2/	1956	1957 2/
MANITOBA						
	- bushels -		- \$ per bushel -		- \$000 -	
Wheat	56,000,000	45,000,000	1.23 1/	1.11 3/	68,880 1/	49,950 3/
Oats for grain	92,000,000	58,000,000	0.52 1/	0.48 3/	47,840 1/	27,840 3/
Barley	42,000,000	33,000,000	0.78 1/	0.76 3/	32,760 1/	25,080 3/
Rye	1,100,000	1,200,000	0.97	0.88	1,067	1,056
Flaxseed	8,000,000	3,500,000	2.59	2.65	20,720	9,275
Mixed grains	2,342,000	2,000,000	0.64	0.60	1,499	1,200
Corn for grain	178,000	288,000	1.20	1.25	214	360
Buckwheat	618,000	455,000	0.85	1.12	525	510
Peas, dry	1,168,000	840,000	1.50	1.35	1,752	1,134
Soybeans	32,000	48,000	1.50	1.50	48	72
	- cwt. -		- \$ per cwt. -			
Potatoes	1,831,000	1,055,000	1.22	2.39	2,234	2,521
	- pounds -		- \$ per pound -			
Mustard seed	300,000	112,000	0.05	0.05	15	6
Rapeseed	24,153,000	17,188,000	0.036	0.03	870	516
Sunflower seed	16,500,000	19,250,000	0.042	0.04	693	770
	- tons -		- \$ per ton -			
Tame hay	1,268,000	1,275,000	10.00	10.00	12,680	12,750
Fodder corn	98,000	90,000	6.00	6.00	588	540
Sugar beets	228,917	218,892	16.84	13.71 4/	3,855	3,001 4/
Totals					196,240	136,581
SASKATCHEWAN						
	- bushels -		- \$ per bushel -			
Wheat	355,000,000	211,000,000	1.17 1/	1.09 3/	415,350 1/	229,990 3/
Oats for grain	165,000,000	80,000,000	0.49 1/	0.46 3/	80,850 1/	36,800 3/
Barley	99,000,000	80,000,000	0.72 1/	0.71 3/	71,280 1/	56,800 3/
Rye	4,100,000	3,200,000	0.94	0.83	3,854	2,656
Flaxseed	19,000,000	10,500,000	2.57	2.51	48,830	26,355
Mixed grains	1,680,000	1,379,000	0.65	0.66	1,092	910
Peas, dry	72,000	45,000	2.25	2.75	162	124
	- cwt. -		- \$ per cwt. -			
Potatoes	1,215,000	754,000	2.18	2.84	2,649	2,141
	- pounds -		- \$ per pound -			
Rapeseed	252,450,000	374,500,000	0.035	0.035	8,836	13,108
	- tons -		- \$ per ton -			
Tame hay	1,068,000	800,000	13.75	13.50	14,685	10,800
Fodder corn	6,000	5,000	12.00	12.50	72	62
Totals					647,660	379,746
ALBERTA						
	- bushels -		- \$ per bushel -			
Wheat	140,000,000	93,000,000	1.14 1/	1.03 3/	159,600 1/	95,790 3/
Oats for grain	143,000,000	100,000,000	0.49 1/	0.46 3/	70,070 1/	46,000 3/
Barley	121,000,000	100,000,000	0.70 1/	0.68 3/	84,700 1/	68,000 3/
Rye	1,300,000	1,900,000	0.91	0.81	1,183	1,539
Flaxseed	7,100,000	5,700,000	2.50	2.53	17,750	14,421
Mixed grains	7,333,000	6,300,000	0.66	0.63	4,840	3,969
Peas, dry	252,000	166,000	2.75	2.70	693	448
	- cwt. -		- \$ per cwt. -			
Potatoes	2,223,000	1,400,000	1.68	2.43	3,735	3,402
	- pounds -		- \$ per pound -			
Mustard seed	133,000,000	71,000,000	0.038	0.035	5,054	2,485
Rapeseed	23,865,000	63,000,000	0.035	0.03	835	1,890
	- tons -		- \$ per ton -			
Tame hay	2,276,000	2,370,000	15.50	15.00	35,278	35,550
Sugar beets	464,421	492,870	18.49	14.00 4/	8,587	6,900 4/
Totals					392,325	280,394

Province and Crop	Production		Average Farm Price		Total Farm Value	
	1956	1957	1956	1957 <u>2/</u>	1956	1957 <u>2/</u>
	- bushels -		- \$ per bushel -		- \$000 -	
<u>BRITISH COLUMBIA</u>						
Wheat	1,175,000	1,031,000	1.20 <u>5/</u>	1.14 <u>6/</u>	1,410 <u>5/</u>	1,175 <u>6/</u>
Oats for grain	4,460,000	4,616,000	0.62 <u>5/</u>	0.52 <u>6/</u>	2,765 <u>5/</u>	2,400 <u>6/</u>
Barley	2,147,000	2,056,000	0.71 <u>5/</u>	0.70 <u>6/</u>	1,524 <u>5/</u>	1,439 <u>6/</u>
Rye	38,000	51,000	0.84	0.72	32	37
Flaxseed	136,000	116,000	2.49	2.44	339	283
Mixed grains	230,000	184,000	0.72	0.65	166	120
Peas, dry	142,000	134,000	3.30	3.30	469	442
	- cwt. -		- \$ per cwt. -			
Potatoes	1,764,000	2,074,000	2.79	2.89	4,922	5,994
	- tons -		- \$ per ton -			
Tame hay	654,000	892,000	31.00	22.00	20,274	19,624
Fodder corn	62,000	34,000	9.00	5.00	558	170
Totals					32,459	31,684

^{1/} Includes interim payment for wheat and initial payment for oats and barley only. Final payment on Western Canadian wheat, oats and barley to be taken into account when details are available. Average farm prices for 1955 wheat including final payments were: Manitoba, \$1.42; Saskatchewan, \$1.38; Alberta, \$1.32; British Columbia, \$1.31.
^{2/} Preliminary; based on average prices received by farmers during the August 1957-January 1958 period. ^{3/} Based on initial payments only for Western Canadian wheat, oats, and barley. ^{4/} Based on estimated total payments. ^{5/} Includes interim payment for wheat and initial payment for oats and barley only on that part of the crop marketed through the Canadian Wheat Board. Final payment to be taken into account when details are available. ^{6/} Includes effect of initial payments only for that part of the crop marketed through the Canadian Wheat Board.

Table 2: Estimated Total Area and Value of Canada's Principal Field Crops
1957 Compared with 1955 and 1956

Province	Area ^{1/}			Value ^{1/}		
	1955	1956	1957	1955	1956 ^{2/}	1957 ^{3/}
	- 000 acres -			- 000 dollars -		
Prince Edward Island	435	414	410	21,330	22,763	19,402
Nova Scotia	438	383	379	21,398	19,504	17,474
New Brunswick	668	595	579	29,607	29,521	25,035
Quebec	5,547	5,240	5,217	164,775	176,001	169,819
Ontario	8,280	7,792	7,820	300,354	298,297	288,631
Manitoba	6,984	7,607	7,574	164,103	196,240	136,581
Saskatchewan	23,908	24,289	24,004	675,458	647,660	379,746
Alberta	14,309	14,465	14,413	397,769	392,325	280,394
British Columbia	589	585	593	32,320	32,459	31,684
Canada	61,159	61,370	60,990	1,807,114	1,814,770	1,348,766

^{1/} See Table 1 for crops included in these estimates. ^{2/} Subject to upward revision when extent of final payment on Western Canadian wheat delivered to the 1956-57 pool becomes known. ^{3/} Preliminary; based on prices received by farmers during August-January period only. No allowance made for interim and final payments on Western Canadian wheat, oats and barley.

Table 3: Revised Estimate of Production of Principal Field Crops in Canada
1957 Compared with Latest Estimates for 1956

Crop	Area		Yield per Acre		Production	
	1956	1957	1956	1957	1956	1957
	- acres -		- bushels -		- bushels -	
Winter wheat	625,000	590,000	32.0	33.2	20,000,000	19,588,000
Spring wheat	22,156,100	20,440,800	25.0	17.2	553,062,000	350,920,000
All wheat	22,781,100	21,030,800	25.2	17.6	573,062,000	370,508,000
Oats for grain	11,706,800	11,017,000	44.8	34.9	524,445,000	384,599,000
Barley	8,390,400	9,403,200	32.1	23.4	269,065,000	219,993,000
Fall rye	368,400	439,500	15.8	16.6	5,834,000	7,299,000
Spring rye	178,900	111,100	15.4	11.2	2,750,000	1,240,000
All rye	547,300	550,600	15.7	15.5	8,584,000	8,539,000
Flaxseed	3,040,800	3,485,600	11.3	5.7	34,463,000	19,979,000
Mixed grains	1,560,500	1,452,200	42.7	43.6	66,608,000	63,292,000
Corn for grain	509,100	514,500	54.6	57.6	27,814,000	29,613,000
Buckwheat	168,000	107,400	18.9	20.5	3,177,000	2,202,000
Peas, dry	87,900	84,900	20.7	16.5	1,817,000	1,400,000
Beans, dry	65,600	62,500	17.5	17.5	1,146,000	1,094,000
Soybeans	243,200	256,000	21.8	25.5	5,301,000	6,524,000
			- cwt. -		- cwt. -	
Potatoes	312,500	311,000	135.4	138.4	42,325,000	43,052,000
			- pounds -		- pounds -	
Mustard seed	137,600	92,150	969	772	133,300,000	71,112,000
Rapeseed	351,900	647,500	854	702	300,468,000	454,688,000
Sunflower seed	33,000	35,000	500	550	16,500,000	19,250,000
			- tons -		- tons -	
Tame hay	10,922,000	11,452,000	1.80	1.68	19,655,000	19,188,000
Fodder corn	394,200	370,700	8.75	9.74	3,450,000	3,612,000
Field roots	39,700	32,900	10.71	10.79	425,000	355,000
Sugar beets	78,786	83,744	11.33	12.58	892,872	1,053,588

Table 4: Details of Revisions by Provinces, in Area, Yield and Production of
Principal Field Crops, 1957 Compared with 1956

Province and Crop	Area		Yield per Acre		Production	
	1956	1957	1956	1957	1956	1957
	- acres -		- tons -		- tons -	
<u>QUEBEC</u>						
Tame hay	3,487,000	3,497,000	1.75	1.65 1/	6,102,000	5,770,000 1/
Sugar beets	5,670	5,890 1/	9.67	12.98 1/	54,855	76,452 1/
<u>ONTARIO</u>						
Sugar beets	14,158	19,741	10.22	13.44 1/	144,679	265,374 1/
			- cwt. -		- cwt. -	
Potatoes	53,700	55,000	141.0 1/	132.0 1/	7,565,000 1/	7,260,000 1/
<u>MANITOBA</u>			- tons -		- tons -	
Sugar beets	22,808 1/	21,419 1/	10.04 1/	10.22 1/	228,917 1/	218,892 1/
<u>ALBERTA</u>						
Sugar beets	36,150	36,694 1/	12.85	13.43 1/	464,421	492,870 1/
			- bushels -		- bushels -	
Wheat	5,296,000	4,881,000	26.5	19.1 1/	140,000,000	93,000,000 1/
<u>BRITISH COLUMBIA</u>			- bushels -		- bushels -	
Peas	6,600	6,100	21.5	22.0 1/	142,000	134,000 1/

1/ Revised since release of Crop Report No. 23 on November 13, 1957, other estimates remain unchanged.



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Table 5: Revised Estimates, Stocks of Canadian Grain at July 31, 1957

Position	Wheat	Oats	Barley	Rye	Flaxseed
- thousand bushels -					
On farms <u>1/</u> Prairie Provinces					
Manitoba	11,000	35,000	9,000	700	150
Saskatchewan	229,000	75,000	34,000	7,000	900
Alberta	75,000	45,000	36,000	2,600	450
Totals	315,000	155,000	79,000	10,300	1,500
Other provinces	4,160	17,100	1,980	340	20
Totals on farms <u>2/</u>	319,160	172,100	80,980	10,640	1,520
Visible stocks <u>3/</u>	407,490	53,747	61,648	3,516	6,061
Stocks in mill bins <u>4/</u>	2,895	368	151	3	-
Totals, commercial	410,386	54,115	61,799	3,520	6,061
Totals, all positions	729,546	226,215	142,779	14,160	7,581

1/ Estimated by Dominion Bureau of Statistics.2/ Same as originally published.3/ Final figures compiled by the Statistics Branch, Board of Grain Commissioners.4/ As compiled by the Dominion Bureau of Statistics.