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# MONTHLY BULLETIN OF AGRICULTURAL STATISTICS

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No. 379

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EDITOR: MARGARET MACLELLAN, B.A.

## VALUE OF AGRICULTURAL PRODUCTION AND VALUE OF FARM CAPITAL

### GROSS VALUE OF AGRICULTURAL PRODUCTION

The gross value of commodities produced on Canadian farms in 1939 is estimated at \$1,170,943,000 as compared with \$1,062,645,000, the revised estimate of the gross value of production in 1938. This represents an increase of \$108,298,000 or 10.2 per cent which is accounted for largely by increases in value estimated at 15.3 per cent for field crops and 24.8 per cent for farm animals. Small increases are also shown in the value of poultry products, flax and wool. These increases are in part offset by decreases shown in the value of dairy products, fruits and vegetables, tobacco, fur farming, maple products, honey, and clover and grass seed. Increases were recorded in all provinces except Alberta and Nova Scotia. The most significant change was again in Saskatchewan where the value of all products was \$68.9 million or 47.6 per cent higher than the corresponding estimate for 1938. For the other provinces, increases in value amounted to \$24.3 million in Ontario; \$7.4 million in Manitoba; \$5.7 million in Quebec; \$2.4 million in New Brunswick; \$1.2 million in Prince Edward Island; \$0.6 million in British Columbia.

Values for 1939, by provinces, in order of magnitude, were as follows, with the 1938 estimates in brackets: Ontario \$365,614,000 (\$341,309,000); Saskatchewan \$213,412,000 (\$144,559,000); Quebec \$203,429,000 (\$197,747,000); Alberta \$173,139,000 (\$173,520,000); Manitoba \$95,052,000 (\$87,632,000); British Columbia \$43,828,000 (\$43,231,000); New Brunswick \$32,076,000 (\$29,676,000); Nova Scotia \$28,803,000 (\$30,621,000); Prince Edward Island \$15,590,000 (\$14,350,000).

### NET VALUE OF AGRICULTURAL PRODUCTION

The net value of agricultural production has been calculated by deducting from the gross value, estimates of the value of the farm products used for seed, and for feed for live stock. These products include feed grains, fodder crops and milk fed to calves.

The net value of production as used in this bulletin represents the value of products raised on the farm which are available for sale off the farm or for consumption by the farm family and hired labour. No deductions have been made for any living or operating expenses.

A preliminary estimate of the net value of agricultural production in 1939 and revised estimates for 1930 to 1938 are shown in Table 3. The net value of production in 1939 is estimated at \$815,663,000 as compared with \$742,020,000 in 1938, an increase of \$73,643,000 or 9.9 per cent.

### CURRENT VALUE OF FARM CAPITAL

The items included in the term "farm capital" are lands and buildings, implements and machinery including motor trucks and automobiles, and live stock including poultry and animals on fur farms. The 1931 values of lands, buildings, implements and machinery were reported by the decennial census taken at June 1 in that year. Changes in the total value of lands and buildings for the years 1932 to 1939 have been based on the value of occupied farm lands

reported annually by crop correspondents. Changes in the annual values of farm implements and machinery have been estimated on the basis of sales reported each year. The 1936 values of land and buildings, and implements and machinery in the Prairie Provinces were supplied by the quinquennial census of the Prairie Provinces.

The value of farm capital in Canada at June 1, 1939, totalled \$4,497,782,000 as compared with \$4,341,092,000 at June 1, 1938. Comparative data for the years 1930 to 1939 are shown in Table 4 and detailed information by provinces and items for the years 1938 and 1939 in Table 5.

**I.—Gross Value of Agricultural Production in Canada, by Provinces, 1934 to 1939**  
[Thousand Dollars]

Description	1934	1935	1936	1937	1938	1939
<b>Canada—</b>						
Field crops.....	549,080	511,873	612,300	556,222	550,069	634,130
Farm animals.....	99,438	120,078	130,979	140,989	136,846	170,837
Wool.....	1,255	1,493	1,861	2,049	1,565	1,688
Dairy products.....	172,864	180,756	198,672	215,623	226,155	217,716
Fruits and vegetables.....	43,424	49,964	44,015	41,816	57,095	55,911
Poultry products.....	45,515	50,434	53,244	51,766	53,747	55,483
Fur farming.....	4,534	5,516	6,532	6,802	6,476	5,828
Maple products.....	3,041	3,522	3,714	2,245	3,850	3,444
Tobacco.....	7,218	10,870	9,374	17,140	20,270	19,248
Flax fibre.....	250	321	298	332	519	1,249
Clover and grass seed.....	2,010	1,818	2,154	2,344	2,996	2,683
Honey and wax.....	2,575	2,338	2,823	2,164	3,057	2,726
<b>Total.....</b>	<b>931,204</b>	<b>938,983</b>	<b>1,065,966</b>	<b>1,039,492</b>	<b>1,062,645</b>	<b>1,170,943</b>
<b>Prince Edward Island—</b>						
Field crops.....	9,054	8,561	10,693	7,706	9,113	10,634
Farm animals.....	917	1,369	1,429	1,452	1,591	1,819
Wool.....	24	21	29	36	26	26
Dairy products.....	1,456	1,387	1,632	1,758	1,908	1,571
Fruits and vegetables.....	136	154	172	190	165	166
Poultry products.....	669	825	823	762	817	713
Fur farming.....	762	863	933	946	722	650
Clover and grass seed.....	15	8	15	15	7	10
Honey and wax.....	1	1	2	2	1	1
<b>Total.....</b>	<b>13,034</b>	<b>13,189</b>	<b>15,728</b>	<b>12,867</b>	<b>14,350</b>	<b>15,590</b>
<b>Nova Scotia—</b>						
Field crops.....	12,995	11,748	13,593	10,811	11,129	12,659
Farm animals.....	1,924	2,257	2,548	3,079	2,835	3,049
Wool.....	53	55	63	88	72	64
Dairy products.....	6,586	6,349	6,949	7,675	8,175	6,989
Fruits and vegetables.....	4,265	5,586	4,492	5,237	6,793	4,426
Poultry products.....	1,058	1,184	1,216	1,120	1,137	1,190
Fur farming.....	276	386	466	517	446	401
Maple products.....	64	46	25	26	24	15
Clover and grass seed.....	—	4	—	—	—	1
Honey and wax.....	7	8	10	8	10	9
<b>Total.....</b>	<b>27,228</b>	<b>27,623</b>	<b>29,362</b>	<b>28,561</b>	<b>30,621</b>	<b>28,803</b>
<b>New Brunswick—</b>						
Field crops.....	14,961	14,542	18,396	14,149	17,064	19,961
Farm animals.....	2,478	2,931	3,421	3,688	3,385	3,690
Wool.....	46	56	73	81	77	75
Dairy products.....	4,609	4,675	5,093	5,387	5,892	5,160
Fruits and vegetables.....	908	1,044	1,164	1,317	1,246	1,287
Poultry products.....	1,139	1,291	1,323	1,247	1,297	1,277
Fur farming.....	764	753	856	707	632	569
Maple products.....	26	48	46	32	63	35
Clover and grass seed.....	14	11	15	12	9	11
Honey and wax.....	9	7	7	12	11	11
<b>Total.....</b>	<b>24,954</b>	<b>25,358</b>	<b>30,394</b>	<b>26,632</b>	<b>29,676</b>	<b>32,076</b>

## I.—Gross Value of Agricultural Production in Canada, by Provinces, 1934 to 1939—Continued

[Thousand Dollars]

Description	1934	1935	1936	1937	1938	1939
<b>Quebec—</b>						
Field crops.....	98,309	83,616	91,276	81,629	86,477	88,376
Farm animals.....	17,989	21,812	23,626	29,673	27,894	31,591
Wool.....	308	347	390	394	363	396
Dairy products.....	43,957	45,800	50,438	55,711	57,990	56,578
Fruits and vegetables.....	7,078	7,380	7,933	8,724	9,841	9,927
Poultry products.....	7,221	7,664	8,215	8,428	8,829	9,667
Fur farming.....	975	1,165	1,258	1,249	1,266	1,139
Maple products.....	1,911	2,267	2,482	1,308	2,910	2,643
Tobacco.....	832	642	845	1,098	1,157	1,656
Flax fibre.....	100	160	143	199	399	891
Clover and grass seed.....	315	207	124	57	87	68
Honey and wax.....	369	397	504	374	534	497
<b>Total.....</b>	<b>179,364</b>	<b>171,457</b>	<b>187,234</b>	<b>188,844</b>	<b>197,747</b>	<b>203,429</b>
<b>Ontario—</b>						
Field crops.....	143,734	132,086	166,284	149,100	131,569	149,672
Farm animals.....	34,080	43,344	46,732	50,885	51,095	61,196
Wool.....	342	417	533	593	376	449
Dairy products.....	68,304	73,305	81,830	87,647	90,968	87,821
Fruits and vegetables.....	16,608	18,697	18,002	13,003	20,926	21,468
Poultry products.....	19,464	20,915	22,939	21,650	22,329	22,875
Fur farming.....	704	966	1,131	1,351	1,136	1,022
Maple products.....	1,040	1,161	1,161	880	853	751
Tobacco.....	6,337	10,226	8,505	15,965	19,058	17,546
Flax fibre.....	150	161	155	133	120	358
Clover and grass seed.....	857	1,006	1,417	1,168	1,689	1,381
Honey and wax.....	1,309	1,115	1,062	753	1,190	1,075
<b>Total.....</b>	<b>292,938</b>	<b>303,399</b>	<b>349,751</b>	<b>343,137</b>	<b>341,309</b>	<b>365,614</b>
<b>Manitoba—</b>						
Field crops.....	49,761	34,944	50,401	90,112	54,208	58,640
Farm animals.....	6,568	7,301	9,058	9,797	10,146	13,401
Wool.....	56	61	92	94	75	82
Dairy products.....	10,633	11,267	12,609	14,083	15,347	15,093
Fruits and vegetables.....	1,295	1,894	1,313	1,662	1,883	2,139
Poultry products.....	2,946	3,538	3,626	3,643	4,159	4,161
Fur farming.....	272	402	561	664	821	739
Clover and grass seed.....	70	131	108	457	354	378
Honey and wax.....	426	387	616	517	639	419
<b>Total.....</b>	<b>72,027</b>	<b>59,925</b>	<b>78,384</b>	<b>121,029</b>	<b>87,632</b>	<b>95,052</b>
<b>Saskatchewan—</b>						
Field crops.....	96,473	119,644	141,793	51,850	104,752	166,633
Farm animals.....	13,777	16,303	18,290	15,691	12,662	19,393
Wool.....	108	138	172	181	149	153
Dairy products.....	14,743	14,832	15,819	17,132	16,541	15,998
Fruits and vegetables.....	2,362	3,301	1,318	322	3,375	3,894
Poultry products.....	5,879	7,178	6,552	6,319	5,872	6,152
Fur farming.....	207	255	344	378	445	401
Clover and grass seed.....	102	220	220	329	514	412
Honey and wax.....	74	120	274	107	249	376
<b>Total.....</b>	<b>133,725</b>	<b>161,991</b>	<b>184,782</b>	<b>92,309</b>	<b>144,559</b>	<b>213,412</b>
<b>Alberta—</b>						
Field crops.....	111,044	93,687	103,603	134,429	122,148	113,190
Farm animals.....	18,645	21,382	22,067	22,585	23,257	32,523
Wool.....	257	317	414	478	344	366
Dairy products.....	13,894	14,015	15,098	17,211	19,223	17,815
Fruits and vegetables.....	1,996	2,942	1,202	1,207	3,026	3,543
Poultry products.....	3,893	4,459	4,138	4,229	4,325	4,559
Fur farming.....	453	588	770	784	749	674
Clover and grass seed.....	486	145	162	180	270	285
Honey and wax.....	155	104	174	171	178	184
<b>Total.....</b>	<b>150,823</b>	<b>137,639</b>	<b>147,628</b>	<b>181,274</b>	<b>173,520</b>	<b>173,139</b>

**I.—Gross Value of Agricultural Production in Canada, by Provinces, 1934 to 1939—Concluded**

(Thousand Dollars)

Description	1934	1935	1936	1937	1938	1939
<b>British Columbia—</b>						
Field crops.....	12,740	13,045	16,261	16,436	13,609	14,365
Farm animals.....	3,051	3,379	3,808	4,139	3,981	4,175
Wool.....	61	81	95	103	83	77
Dairy products.....	8,682	9,126	9,204	9,019	10,111	10,691
Fruits and vegetables.....	8,776	8,966	8,419	10,154	9,840	9,061
Poultry products.....	3,246	3,380	4,412	4,359	4,982	4,889
Fur farming.....	121	138	213	206	259	233
Tobacco.....	49	2	24	77	55	46
Clover and grass seed.....	151	86	93	126	66	137
Honey and wax.....	225	199	174	220	245	154
<b>Total.....</b>	<b>37,111</b>	<b>38,402</b>	<b>42,703</b>	<b>44,839</b>	<b>43,231</b>	<b>43,828</b>

**II.—Gross Value of Agricultural Production in Canada, by Provinces and Items, 1939 as compared with 1938**

(Thousand Dollars)

Description	1938	1939	Increase (+) or De- crease (—) compared with 1938	Percentage change
Prince Edward Island.....	14,350	15,590	+ 1,240	+ 8.6
Nova Scotia.....	30,621	28,803	— 1,818	— 5.9
New Brunswick.....	29,676	32,076	+ 2,400	+ 8.1
Quebec.....	197,747	203,429	+ 5,682	+ 2.9
Ontario.....	341,300	365,614	+ 24,305	+ 7.1
Manitoba.....	87,632	95,052	+ 7,420	+ 8.5
Saskatchewan.....	144,559	213,412	+ 68,853	+ 47.6
Alberta.....	173,520	173,139	— 381	— 0.2
British Columbia.....	43,231	43,828	+ 597	+ 1.4
<b>Canada.....</b>	<b>1,062,645</b>	<b>1,170,943</b>	<b>+108,298</b>	<b>+ 10.2</b>
Field crops.....	550,069	634,130	+ 84,061	+ 15.3
Farm animals.....	136,846	170,837	+ 33,991	+ 24.8
Wool.....	1,565	1,688	+ 123	+ 7.9
Dairy products.....	226,155	217,716	— 8,439	— 3.7
Fruits and vegetables.....	57,095	55,911	— 1,184	— 2.1
Poultry products.....	53,747	55,483	+ 1,736	+ 3.2
Fur farming.....	6,476	5,828	— 648	— 10.0
Maple products.....	3,850	3,444	— 406	— 10.5
Tobacco.....	20,270	19,248	— 1,022	— 5.0
Flax fibre.....	519	1,249	+ 730	+ 140.7
Clover and grass seed.....	2,096	2,683	+ 587	+ 28.0
Honey and wax.....	3,057	2,726	— 331	— 10.8
<b>Canada.....</b>	<b>1,062,645</b>	<b>1,170,943</b>	<b>+108,298</b>	<b>+ 10.2</b>

**III.—Net Value of Agricultural Production in Canada 1930 to 1939**

1930.....	\$ 826,415,000
1931.....	550,307,000
1932.....	494,324,000
1933.....	513,306,000
1934.....	575,541,000
1935.....	606,870,000
1936.....	679,341,000
1937.....	678,953,000
1938.....	742,020,000
1939.....	815,663,000



## IV.—Current Value of Farm Capital in Canada, 1930 to 1939

1930.....	\$ 5,843,364,000
1931.....	5,220,660,000
1932.....	4,515,944,000
1933.....	4,443,159,000
1934.....	4,464,147,000
1935.....	4,712,391,000
1936.....	4,626,161,000
1937.....	4,720,751,000
1938.....	4,341,092,000
1939.....	4,497,782,000

## V.—Current Value of Farm Capital, by Provinces and Items, 1938 and 1939

[Thousand Dollars]

Province	Land and Buildings	Implements and Machinery	Live Stock*	Total
1938				
Prince Edward Island.....	45,445	6,142	7,766	59,353
Nova Scotia.....	91,084	7,934	14,847	113,865
New Brunswick.....	80,025	9,828	15,764	105,617
Quebec.....	684,131	72,345	115,226	871,702
Ontario.....	1,049,524	118,521	198,876	1,366,921
Manitoba.....	212,356	43,370	51,631	307,357
Saskatchewan.....	629,838	119,844	80,461	830,143
Alberta.....	387,752	86,284	86,992	561,028
British Columbia.....	91,815	10,722	22,569	125,106
<b>Canada.....</b>	<b>3,271,970</b>	<b>474,990</b>	<b>594,132</b>	<b>4,341,092</b>
1939				
Prince Edward Island.....	44,183	5,962	7,098	58,143
Nova Scotia.....	97,306	7,699	15,419	120,484
New Brunswick.....	85,953	9,504	17,035	112,492
Quebec.....	709,786	69,912	121,753	901,451
Ontario.....	1,072,847	116,827	219,225	1,408,899
Manitoba.....	225,628	46,499	57,724	329,851
Saskatchewan.....	629,838	115,673	95,670	841,181
Alberta.....	413,602	86,800	99,063	599,465
British Columbia.....	91,815	10,411	23,590	125,816
<b>Canada.....</b>	<b>3,371,018</b>	<b>469,287</b>	<b>657,477</b>	<b>4,497,782</b>

\*Including poultry, and animals on fur farms.



## DAIRY PRODUCTS

### TOTAL MILK PRODUCTION

The total milk production of Canada in 1939 amounted to 16,108,450,800 pounds, a decrease of 25,401,200 pounds as compared with revised production of the preceding year. The combined production in the provinces of Quebec and Ontario amounted to approximately 10 billion pounds in 1939, representing 61.3 per cent of the total output; the four Western Provinces produced a little over 5 billion pounds or 32.6 per cent, and the Maritime Provinces contributed about 1 billion pounds or 6.1 per cent. The Dominion's milk supply was utilized in the following manner: Approximately 66 per cent was employed for the production of manufactured products (butter, cheese, ice cream and concentrated milk products). About three-quarters of the milk used for this purpose was processed in dairy factories, while the other quarter was converted into dairy butter and farm-made cheese. "Milk Otherwise Used" accounted for 34 per cent, about one-half of which was sold in the fluid form, while about one-third was consumed in farm homes and one-sixth was fed to farm live stock.

### PRODUCTION OF BUTTER AND CHEESE

The butter production of Canada during the year 1939 amounted to 371,090,100 pounds compared with the revised estimate of 372,423,271 pounds in 1938. The provinces of Ontario and Quebec supplied 205 million pounds or 55.1 per cent; the four Western Provinces produced 141 million pounds or 38.1 per cent; and the Maritime Provinces contributed 25 million pounds or 6.8 per cent of the total Dominion output. Creamery butter included in this total represented 267,368,100 pounds, an advance of only 20,829 pounds over that of the preceding year. Dairy butter was estimated at 103,722,000 pounds, a decline of 1,354,000 pounds or 1.3 per cent as compared with 1938. Quebec, Ontario, Manitoba, Saskatchewan and British Columbia contributed to the increase in the creamery make, while all other provinces registered a decline. Four of the provinces, Prince Edward Island, Manitoba, Saskatchewan and Alberta, produced larger quantities of dairy butter in 1939 than in 1938.

The total cheese output in 1939 was slightly lower than in the previous year, being 123,818,100 pounds as compared with 125,072,608 pounds in 1938. The central provinces (Ontario and Quebec) produced 115 million pounds in 1939 or 93.0 per cent of the total Canadian make. The four Western Provinces produced 8 million pounds, 47.9 per cent of which was produced in Manitoba and 31.7 per cent in Alberta; and the Maritime Provinces contributed 1 million pounds. The factory cheese production amounted to 122,771,800 pounds, a decline of 1.2 million pounds or approximately 1.0 per cent compared with the revised factory output in 1938. The farm make of 1,046,300 pounds in 1939 was only 55,000 pounds less than the 1938 output.

### TOTAL VALUE OF DAIRY PRODUCTS

The total value of dairy products produced in Canada in 1939 was estimated at \$217,716,029, a decrease of \$8,439,267 or 3.7 per cent as compared with the figure shown in the preceding year. All provinces registered declines except British Columbia. Butter production contributed 36.8 per cent of the total value of all dairy products produced in the Dominion. Cheese contributed 6.8 per cent, milk otherwise used 39.8 per cent, and miscellaneous products 12.0 per cent. Data covering the farm value of the milk production of Canada, consumption of milk products, income and sales distribution, will appear in a special report, *Dairying Statistics of Canada, 1939*.

## I.—Total Milk Production of Canada and Disposition Thereof by Provinces, 1935 to 1939

Province and Year	Total milk production	Manufactured		Milk otherwise used		
		On farms	In factories	Fluid sales	Farm-home consumed	Fed on farms
	lb.	lb.	lb.	lb.	lb.	lb.
<b>Canada—</b>						
1935.....	11,847,814,300	2,569,285,400	7,051,892,900	2,773,175,000	1,655,861,000	794,600,000
1936.....	15,324,413,500	2,566,072,400	7,525,268,100	2,799,015,000	1,630,738,000	812,320,000
1937.....	15,326,727,600	2,544,045,400	7,650,571,200	2,727,861,000	1,692,770,000	801,480,000
1938.....	16,133,852,000	2,472,166,400	8,082,184,600	3,013,270,000	1,789,911,000	776,320,000
1939.....	16,198,450,800	2,439,818,400	8,104,577,400	3,002,617,000	1,786,688,000	774,720,000
<b>Prince Edward Island—</b>						
1935.....	129,224,800	43,827,400	41,068,400	12,365,000	23,664,000	7,400,000
1936.....	143,147,600	43,594,400	52,282,200	13,697,000	26,214,000	7,360,000
1937.....	142,320,700	40,549,400	55,657,300	12,765,000	24,429,000	8,920,000
1938.....	153,996,900	36,499,400	65,601,500	14,735,000	28,201,000	8,960,000
1939.....	134,206,300	37,599,400	50,988,900	12,842,000	24,576,000	8,200,000
<b>Nova Scotia—</b>						
1935.....	442,851,900	154,628,000	128,068,900	88,875,000	55,720,000	15,560,000
1936.....	462,744,300	152,506,000	149,019,300	89,849,000	56,330,000	15,040,000
1937.....	469,789,500	151,335,000	152,725,500	90,605,000	56,804,000	18,320,000
1938.....	510,405,600	152,969,000	172,424,600	102,433,000	64,219,000	18,360,000
1939.....	447,512,600	134,541,000	148,774,600	89,811,000	56,306,000	18,080,000
<b>New Brunswick—</b>						
1935.....	370,744,500	157,148,000	75,664,500	54,954,000	67,818,000	15,160,000
1936.....	383,415,800	156,306,000	89,707,800	54,520,000	67,282,000	15,600,000
1937.....	380,412,700	146,603,000	95,663,700	53,689,000	66,257,000	18,200,000
1938.....	428,876,800	153,485,000	115,609,800	63,570,000	78,452,000	17,760,000
1939.....	401,150,200	147,352,000	102,878,200	59,461,000	73,379,000	18,080,000
<b>Quebec—</b>						
1935.....	3,712,682,500	334,622,000	1,964,079,500	918,696,000	366,445,000	128,840,000
1936.....	3,786,432,200	332,905,000	2,046,925,200	900,639,000	359,243,000	146,720,000
1937.....	3,902,468,500	342,171,000	2,110,443,500	928,184,000	370,230,000	151,440,000
1938.....	4,093,898,700	307,904,000	2,211,976,700	1,013,027,000	404,071,000	156,920,000
1939.....	4,013,262,000	286,510,000	2,188,326,000	993,074,000	396,112,000	149,240,000
<b>Ontario—</b>						
1935.....	5,397,336,400	619,641,000	3,014,461,400	1,087,372,000	453,622,000	222,240,000
1936.....	5,698,508,900	615,764,000	3,229,882,900	1,148,047,000	478,935,000	225,880,000
1937.....	5,613,532,700	618,683,000	3,232,340,700	1,085,872,000	452,997,000	223,640,000
1938.....	5,805,779,000	581,581,000	3,341,669,000	1,169,659,000	487,950,000	224,920,000
1939.....	5,859,063,900	571,293,000	3,389,628,900	1,180,393,000	492,429,000	225,320,000
<b>Manitoba—</b>						
1935.....	1,092,385,800	246,206,000	526,330,800	122,803,000	130,006,000	67,040,000
1936.....	1,153,775,700	247,675,000	569,778,700	128,802,000	136,360,000	71,160,000
1937.....	1,177,131,200	240,667,000	608,972,200	123,153,000	130,379,000	73,960,000
1938.....	1,266,738,500	252,572,000	647,763,500	141,413,000	149,710,000	75,280,000
1939.....	1,300,283,600	255,711,000	670,699,600	145,158,000	153,675,000	75,040,000
<b>Saskatchewan—</b>						
1935.....	1,725,518,900	572,448,000	546,184,900	132,591,000	319,655,000	154,640,000
1936.....	1,713,385,400	574,038,000	576,237,400	119,084,000	287,006,000	156,880,000
1937.....	1,678,753,500	569,367,000	561,956,500	117,117,000	282,353,000	147,960,000
1938.....	1,660,997,400	547,922,000	561,507,400	127,078,000	306,370,000	118,120,000
1939.....	1,745,656,100	564,208,000	605,388,100	133,555,000	321,985,000	120,520,000
<b>Alberta—</b>						
1935.....	1,463,440,700	376,362,000	564,837,700	163,673,000	201,928,000	159,640,000
1936.....	1,482,738,600	378,133,000	621,445,600	148,522,000	183,238,000	151,400,000
1937.....	1,501,267,000	368,791,000	654,639,600	152,067,000	187,610,000	138,160,000
1938.....	1,699,869,700	367,996,000	772,678,700	189,635,000	233,960,000	135,600,000
1939.....	1,664,936,500	375,020,000	735,666,500	185,738,000	229,152,000	139,360,000
<b>British Columbia—</b>						
1935.....	513,628,800	64,403,000	196,296,800	191,846,000	37,003,000	24,080,000
1936.....	500,265,000	65,151,000	189,939,000	186,855,000	36,040,000	22,280,000
1937.....	461,051,200	65,879,000	178,172,200	164,409,000	31,711,000	20,880,000
1938.....	513,289,400	71,238,000	192,953,400	191,720,000	36,978,000	20,400,000
1939.....	542,379,600	67,614,000	212,226,600	202,585,000	39,074,000	20,880,000

## II.—Production of Butter and Cheese in Canada, by Provinces, 1935 to 1939

Province and Year	Butter			Cheese		
	Dairy	Creamery	Total	Farm-made	Factory	Total
	lb.	lb.	lb.	lb.	lb.	lb.
<b>Canada—</b>						
1935.....	109,161,993	240,918,799	350,080,798	1,232,148	100,427,390	101,659,538
1936.....	109,026,000	250,931,777	359,957,777	1,229,300	119,123,483	120,352,783
1937.....	108,084,000	247,056,746	355,140,746	1,232,300	130,625,838	131,858,138
1938.....	105,076,000	267,317,271	372,393,271	1,101,300	123,971,308	125,072,608
1939.....	103,722,000	267,368,100	371,090,100	1,046,300	122,771,800	123,818,100
<b>Prince Edward Island—</b>						
1935.....	1,872,000	1,672,822	3,544,822	300	212,111	212,411
1936.....	1,862,000	2,068,065	3,930,065	300	296,354	296,654
1937.....	1,732,000	2,131,508	3,863,508	300	461,583	461,883
1938.....	1,559,000	2,557,447	4,116,447	300	449,957	450,257
1939.....	1,606,000	1,924,900	3,530,900	300	464,700	465,000
<b>Nova Scotia—</b>						
1935.....	6,591,000	4,907,624	11,498,624	30,000	—	30,000
1936.....	6,500,000	5,754,887	12,254,887	30,000	—	30,000
1937.....	6,455,000	5,874,068	12,329,068	20,000	—	20,000
1938.....	6,520,000	6,716,643	13,236,643	30,000	—	30,000
1939.....	5,738,000	5,677,600	11,415,600	20,000	—	20,000
<b>New Brunswick—</b>						
1935.....	6,710,000	2,973,856	9,683,856	5,000	274,133	279,133
1936.....	6,674,000	3,502,529	10,176,529	5,000	419,022	424,022
1937.....	6,260,000	3,623,787	9,883,787	5,000	597,162	602,162
1938.....	6,554,000	4,521,525	11,075,525	5,000	552,589	557,589
1939.....	6,292,000	3,968,600	10,260,600	5,000	561,300	566,300
<b>Quebec—</b>						
1935.....	14,174,000	73,397,006	87,571,006	251,000	20,265,992	20,516,992
1936.....	14,099,000	74,487,024	88,586,024	255,000	25,375,881	25,630,881
1937.....	14,494,000	74,557,923	89,051,923	256,000	30,362,479	30,618,479
1938.....	13,045,000	79,758,453	92,803,453	225,000	28,569,124	28,794,124
1939.....	12,132,000	79,793,000	91,925,000	223,000	26,271,400	26,494,400
<b>Ontario—</b>						
1935.....	26,407,000	84,430,273	110,837,273	130,000	75,516,846	75,646,846
1936.....	26,240,000	86,705,979	112,945,979	132,000	88,457,007	88,589,007
1937.....	26,365,000	81,396,261	107,761,261	132,000	93,867,645	93,999,645
1938.....	24,783,000	87,754,385	112,537,385	126,000	87,593,430	87,719,430
1939.....	24,344,000	88,243,800	112,587,800	125,000	88,518,500	88,643,500
<b>Manitoba—</b>						
1935.....	10,434,591	21,531,855	31,966,446	172,525	4,457,000	4,629,525
1936.....	10,500,000	23,011,056	33,511,056	167,000	2,140,765	2,307,765
1937.....	10,200,000	24,343,485	34,543,485	168,000	2,923,873	3,091,873
1938.....	10,710,000	25,703,684	36,413,684	165,000	3,344,202	3,509,202
1939.....	10,844,000	26,524,200	37,368,200	165,000	3,493,000	3,658,000
<b>Saskatchewan—</b>						
1935.....	24,330,673	22,851,198	47,181,871	255,953	584,224	840,177
1936.....	24,400,000	24,097,537	48,497,537	253,000	511,995	764,995
1937.....	24,200,000	23,571,938	47,771,938	254,000	343,449	597,449
1938.....	23,305,000	23,524,260	46,829,260	210,000	419,404	629,404
1939.....	24,004,000	25,400,000	49,404,000	203,000	344,800	547,800
<b>Alberta—</b>						
1935.....	15,922,735	23,094,707	39,017,442	322,370	1,364,526	1,686,896
1936.....	16,000,000	25,491,105	41,491,105	319,000	1,451,735	1,770,735
1937.....	15,600,000	26,323,562	41,923,562	321,000	1,838,589	2,159,589
1938.....	15,600,000	31,242,357	46,842,357	250,000	2,451,821	2,701,821
1939.....	15,912,000	29,750,000	45,662,000	225,000	2,196,200	2,421,200
<b>British Columbia—</b>						
1935.....	2,720,000	6,059,368	8,779,368	65,000	752,558	817,558
1936.....	2,751,000	5,813,595	8,564,595	68,000	470,724	538,724
1937.....	2,778,000	5,234,214	8,012,214	76,000	231,058	307,058
1938.....	3,000,000	5,568,517	8,568,517	90,000	590,781	680,781
1939.....	2,850,000	6,086,000	8,936,000	80,000	921,900	1,001,900



## III.—Total Value of the Dairy Production of Canada, by Provinces, 1935 to 1939

Province and Year	Total all products*	Butter		Cheese		Miscellaneous factory products	Milk otherwise used†
		Dairy	Crennery	Farm-made	Factory		
	\$	\$	\$	\$	\$	\$	\$
<b>Canada—</b>							
1935	180,756,423	18,392,000	52,228,133	133,023	10,570,309	16,705,958	74,265,000
1936	198,671,764	20,006,000	57,662,160	162,028	15,565,813	18,070,763	77,601,000
1937	215,623,262	22,622,000	64,217,332	174,027	17,965,123	22,743,780	78,087,000
1938	226,155,296	20,957,000	66,534,568	151,027	16,809,861	21,899,840	86,738,000
1939	217,716,029	19,098,000	61,045,300	131,029	14,598,700	26,220,000	86,672,000
<b>Prince Edward Island—</b>							
1935	1,386,614	341,000	392,585	23	23,970	36,036	474,000
1936	1,631,915	369,000	503,987	28	42,112	44,788	531,000
1937	1,757,451	398,000	571,970	27	64,705	48,749	536,000
1938	1,908,233	359,000	656,774	27	62,528	61,904	622,000
1939	1,570,529	353,000	458,100	29	53,400	63,000	516,000
<b>Nova Scotia—</b>							
1935	6,349,557	1,516,000	1,237,640	3,000	—	687,917	2,673,000
1936	6,949,035	1,625,000	1,454,603	4,000	—	714,372	2,737,000
1937	7,675,424	1,743,000	1,677,460	2,000	—	838,964	2,915,000
1938	8,175,342	1,695,000	1,864,848	4,000	—	872,494	3,293,000
1939	6,989,200	1,320,000	1,476,200	2,000	—	880,000	3,003,000
<b>New Brunswick—</b>							
1935	4,674,806	1,476,000	689,201	1,000	32,010	243,595	1,910,000
1936	5,093,494	1,602,000	851,088	1,000	58,918	230,488	1,985,000
1937	5,387,378	1,627,000	952,143	1,000	84,668	291,567	2,031,000
1938	5,892,148	1,639,000	1,161,741	1,000	76,415	257,992	2,383,000
1939	5,159,800	1,384,000	940,600	1,000	66,200	305,000	2,117,000
<b>Quebec—</b>							
1935	45,799,969	2,736,000	15,894,249	28,000	2,074,660	1,888,060	21,220,000
1936	50,437,572	2,961,000	17,176,664	35,000	3,306,850	1,897,058	22,899,000
1937	55,711,347	3,189,000	19,390,003	36,000	4,128,268	2,585,076	24,193,000
1938	57,990,034	2,740,000	19,577,024	31,000	3,822,843	2,941,167	26,597,000
1939	56,577,900	2,426,000	18,751,300	28,000	3,152,600	3,080,000	26,867,000
<b>Ontario—</b>							
1935	73,305,159	4,463,000	19,127,759	13,000	7,923,183	10,494,217	28,718,000
1936	81,829,748	4,828,000	20,733,275	16,000	11,547,806	11,181,667	30,624,000
1937	87,646,648	5,800,000	22,029,642	17,000	12,932,563	14,484,443	29,600,000
1938	90,967,543	5,328,000	23,125,733	16,000	11,899,714	15,875,096	31,938,000
1939	87,821,100	4,869,000	20,649,100	14,000	10,454,000	16,599,000	32,453,000
<b>Manitoba—</b>							
1935	11,267,342	1,617,000	4,306,371	12,000	162,320	508,651	3,623,000
1936	12,609,035	1,811,000	4,873,368	21,000	273,988	614,679	3,927,000
1937	14,083,012	1,989,000	5,954,436	22,000	394,773	596,803	3,994,000
1938	15,347,152	2,088,000	6,165,637	21,000	448,123	706,392	4,690,000
1939	15,093,000	1,952,000	5,702,700	18,000	407,300	963,000	4,790,000
<b>Saskatchewan—</b>							
1935	14,831,888	3,406,000	4,505,800	28,000	73,870	381,218	5,446,000
1936	15,819,364	3,782,000	5,095,182	33,000	72,266	522,916	5,198,000
1937	17,131,917	4,356,000	5,686,510	35,000	50,709	542,698	5,280,000
1938	16,540,547	3,729,000	5,321,115	26,000	59,973	587,459	5,659,000
1939	15,998,400	3,721,000	5,207,000	23,000	41,400	657,000	5,128,000
<b>Alberta—</b>							
1935	14,015,308	2,388,000	4,588,917	22,000	168,280	485,111	5,513,000
1936	15,097,623	2,560,000	5,501,767	35,000	190,469	667,387	5,108,000
1937	17,210,925	2,964,000	6,443,107	42,000	267,802	952,016	5,411,000
1938	19,222,965	2,839,000	7,157,624	30,000	348,404	932,937	6,652,000
1939	17,815,000	2,546,000	6,247,500	25,000	285,500	976,000	6,504,000
<b>British Columbia—</b>							
1935	9,125,780	449,000	1,485,611	16,000	112,016	1,981,153	4,688,000
1936	9,203,978	468,000	1,472,166	17,000	73,404	2,197,408	4,592,000
1937	9,019,160	536,000	1,512,061	19,000	41,635	2,403,464	4,127,000
1938	10,111,332	540,000	1,504,072	22,000	91,861	2,664,399	4,904,000
1939	10,691,100	527,000	1,612,800	20,000	138,300	2,697,000	5,294,000

\* The data in this column include the total value of skim milk and buttermilk. For all Canada this amounted to \$9,951,000 in 1939, as compared with \$10,065,000 in 1938, \$9,814,000 in 1937, \$9,604,000 in 1936 and \$8,462,000 in 1935.

† Consists of milk sold for domestic use valued at plants, milk consumed in farm homes and milk fed valued at farms. Pasteurizing and bottling costs, estimated at 1½ cents per quart are included in the value of milk sold.

## TOBACCO

## SUMMARY OF PRODUCTION AND MARKETING OF THE 1939 COMMERCIAL CROP

Again in 1939, for the third successive year, Canadian tobacco production set a new high record. The harvest of 109,846,000 pounds from 91,035 acres was 8 per cent greater than the crop of 101,394,600 pounds from 83,575 acres in 1938. The greatest expansion was in the area planted to flue-cured tobacco, particularly in Quebec. Increases were also shown for burley tobacco in Ontario and the pipe varieties in Quebec, while there was a decrease in the area planted to cigar leaf types.

The further expansion in the production of flue-cured tobacco in 1939 was stimulated by the prospect of an increased outlet in the United Kingdom for this type, exports of which reached a peak of 26,684,733 pounds in the crop year ended September 1939. The virtual closing of this market, following the outbreak of hostilities in September, with total imports of Canadian tobacco restricted to 8 million pounds, has created an acute marketing problem for which no immediate solution is in sight. Present prospects are for a carryover into the 1940-41 crop year of an unsold surplus of approximately 30 million pounds of flue-cured tobacco.

## AREA AND PRODUCTION

For the third successive year, Canadian tobacco production in 1939 topped all previous records. The revised estimate of 109,846,000 pounds exceeded the 101,394,600 pounds produced in 1938 by 8,451,400 pounds or 8 per cent, and was more than double the five-year (1933-37) average production of 51,463,800 pounds.

## I.—Area, Production and Value of the Commercial Crop of Leaf Tobacco in Canada, 1930 to 1939

Year	Planted Area	Average Yield per acre	Production <sup>1</sup>	Average Farm Price	Gross Farm Value
	acres	lb.	lb.	cents per lb.	\$
1930.....	41,444	886	36,716,400	19.5	7,163,000
1931.....	54,936	933	51,248,400	13.9	7,105,200
1932.....	53,966	1,000	53,987,000	11.5	6,178,200
1933.....	46,898	957	44,904,200	14.5	6,524,600
1934.....	40,962	946	38,734,900	18.6	7,218,300
1935.....	47,117	1,177	55,470,400	19.6	10,870,100
1936.....	54,993	839	46,116,300	20.3	9,374,100
1937.....	69,028	1,044	72,093,400	23.8	17,140,200
1938.....	83,575	1,213	101,394,600	20.0	20,269,700
1939 <sup>2</sup> .....	91,035	1,207	109,846,000	17.5	19,247,800

## II.—Area, Production and Value of the Commercial Crop of Leaf Tobacco in Canada, by Provinces, 1933 to 1939 with Five-Year Averages, 1933-1937

Year	Quebec			Ontario			British Columbia		
	Area	Pro-duction <sup>1</sup>	Value	Area	Pro-duction <sup>1</sup>	Value	Area	Pro-duction <sup>1</sup>	Value
	acres	000 lb.	\$	acres	000 lb.	\$	acres	000 lb.	\$
1933.....	6,090	6,095	269,800	40,271	38,500	6,206,300	537	309	48,500
1934.....	8,175	7,070	831,600	32,329	31,400	6,337,500	458	265	49,200
1935.....	5,425	5,905	641,400	41,675	49,490	10,226,300	17	16	2,400
1936.....	8,678	9,111	844,800	46,191	36,883	8,504,900	124	122	24,300
1937.....	7,734	8,678	1,098,500	60,819	63,026	15,964,700	475	389	77,000
Average 1933-37...	7,220	7,334	737,200	44,257	43,860	9,447,900	322	220	40,500
1938.....	9,980	10,900	1,157,000	73,215	90,099	19,057,400	380	395	55,300
1939 <sup>2</sup> .....	14,325	13,221	1,655,500	76,400	96,305	17,545,900	310	320	46,400

<sup>1</sup> Estimated green weight.<sup>2</sup> Subject to revision when total crop is marketed.



### III.—Area, Production and Value of the Commercial Crop of Leaf Tobacco in Canada, by Types, 1933 to 1939, with Five-Year Averages, 1933-1937

Description	Year	Planted Area	Average Yield per acre	Production	Average Farm Price	Gross Farm Value
		acres	lb.	lb.	cents per lb.	\$
<b>Flue-cured—</b>						
Canada.....	1933	30,548	891	27,214,700	19.5	3,298,000
	1934	24,727	894	22,100,900	24.7	5,445,200
	1935	30,922	1,138	35,199,300	24.5	8,622,400
	1936	35,878	686	24,596,500	29.3	7,195,500
	1937	53,347	1,038	55,374,000	27.3	15,107,600
<i>Average</i> .....	<i>1933-1937</i>	<i>35,084</i>	<i>898</i>	<i>32,897,100</i>	<i>24.1</i>	<i>7,933,700</i>
	1938	63,530	1,230	78,174,100	22.5	17,620,700
	1939	68,570	1,205	82,625,000	19.4	16,009,200
Quebec.....	1936	53	1,011	53,600	29.3	15,700
	1937	420	786	330,000	27.3	90,100
	1938	1,850	811	1,500,000	19.0	285,000
	1939	5,710	722	4,120,000	19.0	782,800
Ontario.....	1933	30,042	897	26,936,400	19.5	5,252,600
	1934	24,289	900	21,860,000	24.7	5,399,400
	1935	30,905	1,138	35,183,600	24.5	8,620,000
	1936	35,701	684	24,421,400	29.3	7,155,500
	1937	52,452	1,042	54,655,000	27.3	14,940,500
<i>Average</i> .....	<i>1933-1937</i>	<i>34,678</i>	<i>940</i>	<i>32,611,500</i>	<i>25.4</i>	<i>8,273,600</i>
	1938	61,300	1,244	76,278,900	22.7	17,280,400
	1939	62,550	1,250	78,185,000	19.4	15,180,000
British Columbia.....	1933	506	550	278,300	16.3	45,400
	1934	438	550	240,900	19.0	45,800
	1935	17	925	15,700	15.0	2,400
	1936	124	980	121,500	20.0	24,300
	1937	475	819	389,000	19.8	77,000
<i>Average</i> .....	<i>1933-1937</i>	<i>312</i>	<i>670</i>	<i>209,100</i>	<i>18.7</i>	<i>39,000</i>
	1938	380	1,040	395,200	14.0	55,300
	1939	310	1,032	320,000	14.5	46,400
<b>Burley—</b>						
Ontario.....	1933	8,727	1,102	9,619,900	8.5	817,700
	1934	6,740	1,180	7,950,000	10.0	795,000
	1935	8,470	1,363	11,546,100	12.0	1,385,500
	1936	8,025	1,216	9,762,000	11.5	1,122,600
	1937	6,170	1,032	6,371,400	13.3	844,200
<i>Average</i> .....	<i>1933-1937</i>	<i>7,686</i>	<i>1,187</i>	<i>9,049,900</i>	<i>11.0</i>	<i>993,000</i>
	1938	9,215	1,174	10,820,500	13.9	1,507,000
	1939	11,200	1,295	14,500,000	13.8	2,003,900
<b>Dark—</b>						
Canada.....	1933	1,502	1,294	1,943,600	7.0	136,000
	1934	1,300	1,223	1,590,000	9.0	143,100
	1935	2,300	1,200	2,760,000	8.0	220,800
	1936	2,465	1,095	2,700,000	8.4	226,800
	1937	2,428	923	2,241,000	9.1	204,100
<i>Average</i> .....	<i>1933-1937</i>	<i>1,999</i>	<i>1,124</i>	<i>2,246,900</i>	<i>8.5</i>	<i>186,200</i>
	1938	3,000	1,133	3,400,000	8.9	302,000
	1939	2,890	1,270	3,872,000	9.8	380,900
Quebec.....	1937	231*	1,043	241,000*	10.0	24,100
	1938	300	1,333	400,000	8.0	32,000
	1939	240	1,050	252,000	7.5	18,900
Ontario.....	1933	1,502	1,294	1,943,600	7.0	136,000
	1934	1,300	1,223	1,590,000	9.0	143,100
	1935	2,300	1,200	2,760,000	8.0	220,800
	1936	2,465	1,095	2,700,000	8.4	226,800
	1937	2,197	910	2,000,000	9.0	180,000
<i>Average</i> .....	<i>1933-1937</i>	<i>1,953</i>	<i>1,126</i>	<i>2,198,720</i>	<i>8.2</i>	<i>181,500</i>
	1938	2,700	1,111	3,000,000	9.0	270,000
	1939	2,650	1,366	3,620,000	10.0	362,000

\* Including some Broadleaf.

**III.—Area, Production and Value of the Commercial Crop of Leaf Tobacco in Canada, by Types, 1933 to 1939, with Five-Year Averages, 1933-1937—Concluded**

Description	Year	Planted Area	Average Yield per acre	Production	Average Farm Price	Gross Farm Value
		acres	lb.	lb.	cents per lb.	\$
<b>Cigar Leaf—</b>						
Quebec.....	1933	3,950	1,020	4,029,000	5.0	201,500
	1934	2,950	783	2,310,000	10.0	231,000
	1935	2,754	1,250	3,443,000	10.8	371,800
	1936	4,800	1,005	4,824,000	11.6	559,600
	1937	4,827	1,212	5,852,000	12.5	731,500
<i>Average.....</i>	<i>1933-1937</i>	<i>3,856</i>	<i>1,061</i>	<i>4,091,600</i>	<i>10.2</i>	<i>419,100</i>
	1938	5,065	1,225	6,200,000	9.3	578,000
	1939	4,595	1,129	5,190,000	10.2	529,100
<b>Large Pipe—</b>						
Quebec.....	1933	1,725	1,075	1,854,400	3.0	55,600
	1934	3,420	1,111	3,800,000	10.5	399,000
	1935	1,963	1,030	2,022,000	9.5	192,100
	1936	3,220	1,218	3,923,400	6.0	235,400
	1937	1,396	1,225	1,710,000	10.0	171,000
<i>Average.....</i>	<i>1933-1937</i>	<i>2,345</i>	<i>1,155</i>	<i>2,662,000</i>	<i>7.9</i>	<i>210,600</i>
	1938	1,980	1,222	2,420,000	8.0	193,600
	1939	2,830	1,124	3,180,000	7.5	238,500
<b>Small Pipe—</b>						
Quebec.....	1933	415	510	211,600	6.0	12,700
	1934	1,805	532	960,000	21.0	201,600
	1935	708	706	500,000	15.5	77,500
	1936	605	513	310,400	11.0	34,100
	1937	860	634	545,000	15.0	81,800
<i>Average.....</i>	<i>1933-1937</i>	<i>879</i>	<i>575</i>	<i>505,400</i>	<i>16.1</i>	<i>81,500</i>
	1938	785	484	380,000	18.0	68,400
	1939	950	504	479,000	18.0	86,200

The total area planted in 1939 was 91,035 acres. This is an increase of 7,460 acres or 9 per cent over the 83,575 acres planted in 1938 and is 76 per cent greater than the five-year (1933-37) average of 51,800 acres.

The greatest expansion in area was again found in the flue-cured varieties, particularly in Quebec where 5,710 acres were planted as compared with only 1,850 in 1938, 420 in 1937 and 53 in 1936. Of the 62,550 acres planted in Ontario, 57,655 acres were allotted through the Ontario Flue-Cured Marketing Association as compared with 56,900 in 1938, while it is estimated that 4,895 acres were planted by independent growers in 1939 as compared with 4,400 acres in the previous year. The average yield per acre in Ontario was higher than in 1938, although the crop was not of as good quality. The Quebec crop returned a smaller yield per acre than in 1938, which to some extent offset the expansion in acreage in this province.

The burley acreage was increased from 9,215 acres in 1938 to 11,200 acres in 1939, of which all but approximately 100 acres were grown by the members of the Ontario Burley Marketing Association. Production was estimated at 14,500,000 pounds, as compared with 10,820,500 pounds in 1938, an increase of 3,679,500 pounds or 34 per cent.

Although the acreage planted to dark varieties was slightly less than in 1938, an average yield of 1,366 pounds per acre in Ontario brought total production to a higher level than in the previous year.

Larger acreages and higher yields per acre increased production of the pipe varieties, which are grown only in Quebec. This indicates a shift from cigar leaf to large and medium pipe types, particularly in the northern tobacco growing area where lower yields from a smaller acreage reduced the crop by one million pounds. Production of cigar leaf in the Yamaska Valley showed a slight reduction from the previous year's crop.

The acreages of the various types of tobacco grown in 1939, with corresponding estimates for 1938 within brackets, follow: Flue-cured 68,570 (63,530); burley 11,200 (9,215); dark 2,890 (3,000); cigar leaf 4,595 (5,065); large and medium pipe 2,830 (1,980); small pipe 950 (785).

The corresponding production estimates are: Flue-cured 82,625,000 (78,174,100); burley 14,500,000 (10,820,500); dark 3,872,000 (3,400,000); cigar leaf 5,190,000 (6,200,000); large and medium pipe 3,180,000 (2,420,000); small pipe 479,000 (380,000). Average yields by types in pounds per acre for 1939 as compared with 1938 are: Flue-cured 1,205 (1,230); burley 1,295 (1,174); dark 1,270 (1,133); cigar leaf 1,129 (1,225); large and medium pipe 1,124 (1,122); small pipe 504 (484).

#### PROBABLE ACREAGE 1940

The Flue-Cured Marketing Association of Ontario has advised growers to plant an acreage in 1940 at least one-third less than acreages allotted in 1939. The Burley Marketing Association has advised a reduction of 12½ per cent in the acreage allotment for this crop in 1940. There may also be reductions in the acreages planted in Quebec, not only in the flue-cured but in the pipe types as well.

#### PRICES AND MARKETING

A preliminary estimate based on marketings during the first six months of the crop year 1939-40, places a value of \$19,247,800 on the 1939 crop. While this shows a decrease of \$1,021,900 or 5 per cent as compared with the 1938 crop which was valued at \$20,269,700, it is, however, 88 per cent greater than the average value of production during the five-years 1933-37.

The average prices in cents per pound received for the 1939 crop, with comparative prices for the 1938 crop within brackets, follow: Flue-cured 19·4 (22·5); burley 13·8 (13·9); dark 9·8 (8·9); cigar leaf 10·2 (9·3); large and medium pipe 7·5 (8·0); small pipe 18·0 (18·0); all varieties 17·5 (20·0).

Average prices paid producers for the marketed portion of the 1939 crop compare favourably with prices received for the 1938 crop, with the outstanding exception of the Ontario flue-cured crop. Continuing the general trend which has been toward lower prices for this type since 1936, prices for cash sales have averaged 20 cents per pound, which is 2·7 cents less than the average price paid for the 1938 crop. The decrease in price is due in part to a larger crop of somewhat poorer quality than in 1938, with large stocks on hand from the bumper crops of the two previous years.

Difficulties in marketing this crop have been intensified by the sharp contraction in the United Kingdom market, which has always been the main export outlet for this type of tobacco. Exchange regulations following the outbreak of war in September restricted buyers to the purchase of only 8 million pounds of Canadian tobacco for import into the United Kingdom. The virtual closing of this market has created a serious marketing problem for which no immediate solution is in sight. Although withdrawals for home consumption in the United Kingdom showed an increase in 1939 as compared with 1938, United Kingdom stocks at the end of the first quarter of 1940 still equaled approximately two years' supply. The necessity for conserving sterling exchange and shipping space for essential war materials would indicate that import restrictions on tobacco will probably not be relaxed for some time.

When the Ontario flue-cured market opened in Norfolk on December 7, after a delay of approximately five weeks pending the release of sterling exchange for the purchase of Canadian tobacco for import into the United Kingdom, there was a keen demand for the higher grade crops which were scarcer this



year on account of the poorer quality of the crop as compared with the 1938 crop. About 50 million pounds of the Ontario flue-cured crop has been sold for cash at prices averaging 20 cents per pound. This leaves an unsold surplus of 28 million pounds which will probably be carried over into the new crop year 1940-41. Arrangements for grading, packing and financing a large part of this surplus have been carried out through the Ontario Sales Cooperative Ltd., which is the selling agency of the Marketing Board.

About 3 million pounds of the Quebec flue-cured crop has been sold for cash at prices averaging 19 cents per pound. The balance has been packed as surplus.

The entire British Columbia crop has been shipped east on a consignment arrangement whereby a cash advance averaging 10 cents per pound has been made to the growers, with the final price still indefinite.

Practically the entire burley crop of 14,500,000 pounds has been sold at an average price of 13.8 cents per pound, which compares favourably with the average price of 13.9 cents received for the 1938 crop. It is estimated that 2,500,000 pounds has been bought for the export market. Exports during the six months ended March 1940 amounted to only 217,515 pounds as compared with 785,650 pounds during the corresponding period ended March 1939.

Most of the dark crop produced in Ontario was grown under contract, and bought up at prices averaging 10 cents per pound. Deliveries to the packing companies were practically completed by the middle of April. The Quebec crop will probably be bought by dealers at large pipe tobacco prices, as will also the unsold portion of the cigar leaf varieties. All the cigar tobacco grown in the Yamaska Valley is now in the hands of the Co-operatives and packing plants but will not be sold to the manufacturers before midsummer. Growers have received, or will receive from the packing plants, 5 to 18 cents per pound according to the quality of the crop, the average for the district being approximately 12 cents per pound. Of the cigar leaf production in the northern district, 1,650,000 pounds or 55 per cent was sold for cigar manufacture at an average price of 10 cents per pound. The remainder will have to be sold at large pipe tobacco prices. Growers received an average of 18 cents per pound for the small aromatic varieties.

#### DOMESTIC CONSUMPTION, 1929-30 TO 1938-39

The quantity of tobacco entering into domestic consumption has shown a gradual increase from 37,842,000 pounds in 1929-30 to 47,330,000 pounds in 1938-39. During this ten-year period, production, estimated on the basis of re-dried weight, has increased from 25,686,000 pounds in 1929-30 to 88,302,000 pounds in 1938-39. Exports have also increased from 5,804,000 pounds in 1929-30 to 34,002,000 pounds in 1938-39, while imports during the same period dropped from 17,960,000 pounds in 1929-30 to 4,577,000 pounds in 1938-39. Total stocks at September 30, 1939, amounting to 74,567,000 pounds, were the highest reported at that date since the assembling of these data was instituted by this Bureau in 1934. The annual domestic consumption over the past ten years has averaged approximately 42 million pounds.

The proportion of home-grown tobacco used in Canadian manufacture rose steadily from 54 per cent in 1930 to 89 per cent in 1938. The increase has been chiefly in flue-cured varieties, and is accounted for by the increase in the domestic consumption of manufactured tobacco products, particularly cigarettes, while at the same time there has been a steady improvement in the quality of the locally grown flue-cured leaf.

#### IV.—Production and Distribution of Tobacco in Canada, Crop Years ended September 30, 1930 to 1939

(Thousand pounds)

Crop Year	Production <sup>1</sup>	Stocks of Leaf First of Year	Imports <sup>2</sup>	Total Supply	Exports <sup>2</sup>	Stocks of Leaf End of Year	Apparent Consumption
1929-30.....	25,686	2	17,960	43,646	5,804	2	37,842
1930-31.....	31,690	2	15,360	47,050	7,525	2	39,525
1931-32.....	44,363	2	11,145	55,508	10,915	2	44,593
1932-33.....	46,768	2	9,357	56,125	15,547	2	40,578
1933-34.....	38,973	2	9,145	48,118	8,288	77,269	39,830
1934-35.....	33,594	77,269	7,265	118,128	8,650	66,003	43,475
1935-36.....	48,172	66,003	4,068	118,243	10,456	66,170	41,617
1936-37.....	39,964	66,170	3,324	109,458	10,319	57,284	41,855
1937-38.....	62,781	57,284	3,867	123,932	17,474	63,020	43,438
1938-39.....	88,302	63,020	4,577	155,899	34,002	74,567	47,330

<sup>1</sup> Estimated re-dried weight.<sup>2</sup> Including manufactured products.<sup>3</sup> Not available.

#### TRADE

Exports during the past five years rose from 8,411,100 pounds in 1934-35 to a peak of 30,492,100 pounds during the twelve months October 1938 to September 1939. In sharp contrast, exports during the first half of the crop year 1939-40 have totalled only 7,466,107 pounds compared with 12,231,417 pounds exported during the corresponding six months ended March 1939. Exports of flue-cured tobacco during this six-month period ended March 1940 amounted to 6,764,665 pounds, 99 per cent of which went to the United Kingdom, as compared with 10,806,992 pounds of flue-cured exported during the first six months of the previous crop year and 26,786,074 pounds during the whole year, practically all of which went to the United Kingdom.

#### V.—Exports of Unmanufactured Tobacco, during the Six Months ended March 1939 and 1940

Month	1938-39	1939-40
October.....	lb. 248,645	lb. 2,092,737
November.....	505,133	519,219
December.....	1,129,064	988,827
January.....	2,167,520	610,736
February.....	3,894,946	1,385,299
March.....	4,286,109	1,869,289
<b>Total.....</b>	<b>12,231,417</b>	<b>7,466,107</b>

#### VI.—Exports of Leaf Tobacco from Canada, by Types, Crop Years ended September 30, 1930 to 1939

Crop Year	Flue-cured	Burley	Dark Air- and Fire-cured	Cigar Leaf	Other Types	Total Unmanufactured
	lb.	lb.	lb.	lb.	lb.	lb.
1929-30.....	419,375 <sup>1</sup>	235,587 <sup>1</sup>	686,746 <sup>1</sup>	—	60,897 <sup>1</sup>	5,257,770
1930-31.....	1,896,408	2,403,908	1,977,412	—	101,789	6,379,517
1931-32.....	7,020,823	2,509,788	724,228	—	38,703	10,293,542
1932-33.....	12,699,554	1,446,616	913,172	—	10,578	15,069,920
1933-34.....	4,036,281	2,736,890	939,745	—	84,892	7,857,808
1934-35.....	5,215,972	2,096,746	626,533	8,512 <sup>1</sup>	463,337 <sup>2</sup>	8,411,100
1935-36.....	6,507,813	1,876,144	1,007,765	49,729	645,155	10,086,606
1936-37.....	4,738,547	2,624,502	899,992	87,842	944,051	9,294,934
1937-38.....	13,407,441	1,471,363	654,625	21,372	892,586	16,447,387
1938-39.....	26,786,074	2,153,236	1,038,189	14,204	500,368	30,492,071

<sup>1</sup> Six months ended September.<sup>2</sup> Includes cigar leaf for six months ended March 1935.



## VII.—Imports into Canada of Leaf Tobacco, by Types, Crop Years ended September 30, 1930 to 1939

Crop Year	Flue-cured	Cigar Leaf	Turkish	Other Types	Total Unmanufactured
	lb.	lb.	lb.	lb.	lb.
1929-30.....	—	—	—	—	17,504,765
1930-31.....	—	—	—	—	15,013,100
1931-32.....	—	—	—	—	10,891,195
1932-33.....	8,551,730	609,981	—	12,344	9,174,055
1933-34.....	8,166,935	740,756	—	69,511	8,977,202
1934-35.....	6,147,722	861,876	—	95,237	7,104,835
1935-36.....	2,768,337	728,909	245	392,300	3,889,791
1936-37.....	2,347,749	258,621	59,430	496,659	3,162,459
1937-38.....	2,792,260	474,044	191,239	229,802	3,687,345
1938-39.....	3,460,702	617,231	257,115	67,761	4,402,809

## THE UNITED STATES

With total supplies now the largest on record, tobacco exporters in the United States have felt most severely the embargo placed on imports into the United Kingdom of all but limited quantities of Empire tobacco. The Commodity Credit Corporation is advancing funds for the purchase of the portion of the crop normally taken by the British manufacturers.

Reports from tobacco growers indicate that the total acreage is likely to be reduced to 1,524,000 in 1940 as compared with the unusually large total of 1,942,000 acres last year. Nearly all of the decrease will be in flue-cured tobacco in the coastal States from Virginia south.

## CLOVER AND GRASS SEED

SOURCE: Markets Service of the Plant Products Division, Department of Agriculture.

The following estimates of the commercial production of clover and grass seed are compiled from reports supplied by the Plant Products Division field staff.

*Red Clover.*—Production of red clover seed in 1939 is estimated at 3,235,000 pounds as compared with 6,190,000 pounds in 1938, 1,074,500 pounds in 1937, 1,910,000 pounds in 1936, 4,500,000 pounds in 1935, 1,900,000 pounds in 1934 and a ten-year average (1929-38) of about 3,120,000 pounds. Smaller production this year is attributed to winter-killing in 1938. The carryover of commercial seed is about 1,500,000 pounds. Domestic requirements for seeding in 1940 are estimated at 4,500,000 pounds.

*Alsike.*—Production of alsike clover seed in 1939 is estimated at 2,169,500 pounds as compared with 7,006,000 pounds in 1938, 566,800 pounds in 1937, 5,250,000 pounds in 1936, 1,420,000 pounds in 1935, 425,000 pounds in 1934 and a ten-year (1929-38) average of about 3,338,000 pounds. The smaller production in 1939 is chiefly attributed to winter-killing in Ontario. The carryover of commercial alsike is about 1,100,000 pounds. The annual consumption is estimated at 2,000,000 pounds.

*Alfalfa.*—Production of alfalfa seed in 1939 is estimated at 5,327,000 pounds as compared with 4,056,800 pounds in 1938, 4,143,000 pounds in 1937, 2,575,000 pounds in 1936, 1,100,000 pounds in 1935, 1,650,000 pounds in 1934 and a ten-year (1929-38) average of about 2,915,000 pounds. The carryover is estimated at about 100,000 pounds. Domestic requirements for seeding in 1940 are estimated at about 3,250,000 pounds, leaving some 3,700,000 pounds surplus for export or carryover.

*Sweet Clover.*—Production of sweet clover seed in 1939 is estimated at 5,720,000 pounds as compared with 11,823,000 pounds in 1938, 8,305,000 pounds in 1937, 3,100,000 pounds in 1936, 3,750,000 pounds in 1935, 4,000,000 pounds in 1934 and a ten-year (1929-38) average of about 5,500,000 pounds. Lower production in 1939 is attributed to a smaller acreage in Manitoba and unfavourable weather for the setting of seed. As the annual domestic consumption is estimated at 4,000,000 pounds, the commercial surplus will likely approximate 2,725,000 pounds.

*Timothy*.—Production of timothy seed in 1939 was approximately about 4,248,000 pounds as compared with 3,924,000 pounds in 1938, 7,467,000 pounds in 1937, 6,150,000 pounds in 1936, 12,000,000 pounds in 1935, 5,000,000 pounds in 1934 and 5,247,000 pounds, the ten-year (1929-38) average. Growers reduced the acreage in 1939 owing to unattractive prices for 1937 and 1938 crops. The carryover of timothy seed from the 1938 crop is estimated at 520,000 pounds. Regular annual requirements are estimated at 10,000,000 pounds.

*Crested Wheat Grass*.—Production of crested wheat grass increased again in 1939 and is estimated at about 2,458,600 pounds as compared with 1,745,000 pounds in 1938, 642,500 pounds in 1937, 650,500 pounds in 1936, 280,000 pounds in 1935; 75,000 pounds in 1934 and a five-year (1934-38) average of about 555,000 pounds. Increased production was due to larger acreage rather than heavier yields. The carryover is estimated at 25,000 pounds. Domestic requirements for 1940 are estimated at 500,000 pounds leaving about 2,000,000 pounds surplus for export or carryover.

*Western Rye Grass*.—The production of western rye grass seed was confined largely to Saskatchewan in 1939 and amounted to about 60,000 pounds as compared with 85,000 pounds in 1938, 20,000 pounds in 1937, 45,000 pounds in 1936, 200,000 pounds in 1935, 325,000 pounds in 1934 and a ten-year (1929-38) average of about 201,000 pounds.

*Brome Grass*.—The total production of brome grass in 1939 is estimated at about 3,158,000 pounds as compared with 2,350,000 pounds in 1938, 1,195,550 pounds in 1937, 810,000 pounds in 1936, 3,150,000 pounds in 1935, 525,000 pounds in 1934 and a ten-year (1929-38) average of about 1,204,000 pounds. The popularity of brome grass is attributed to its drought-resisting characteristics. A larger acreage is responsible for the increased production in 1939. The carryover is estimated at 100,000 pounds. Domestic requirements for seeding in 1940 are expected to amount to about 250,000 pounds. Surplus available for export may be about 3,200,000 pounds.

*Canada Blue Grass*.—Production of Canada blue grass seed in southwestern Ontario is estimated at 67,200 pounds in 1939 as compared with 112,000 pounds in 1938, 300,000 pounds in 1937, 90,000 pounds in 1936, 150,000 pounds in 1935, 402,000 pounds in 1934 and a ten-year (1929-38) average of about 456,000 pounds. The carryover from 1938 was practically nil. Domestic requirements for 1940 are expected to be about 70,000 pounds. Reduction in acreage during past years, difficulty in obtaining satisfactory stands of the crop and low prices for the seed are responsible for the lower production in 1939.

*Fescues*.—The total yield of creeping red fescue in Alberta and British Columbia to which production is confined is estimated at 21,000 pounds as compared with 10,700 pounds in 1938, 6,000 pounds in 1937, 10,000 pounds in 1936, 6,000 pounds in 1935, 2,000 pounds in 1934 and a five-year (1934-38) average of about 6,800 pounds.

The total production of meadow fescue was confined to British Columbia and amounted to 2,000 pounds.

*Bent Grass*.—The production of bent grass seeds in the Maritime Provinces is reported as follows:—

*Colonial or P.E.I. bent*: PRINCE EDWARD ISLAND, 5,500 pounds in 1939 as against 3,500 pounds in 1938, 12,000 pounds in 1937, 12,000 pounds in 1936, 18,000 pounds in 1935, 10,000 pounds in 1934, and a 5-year average of 11,000 pounds.

*Velvet bent*: PRINCE EDWARD ISLAND, 700 pounds in 1939 as compared with 600 pounds in 1938, 1,000 pounds in 1937, no production in 1936, 500 pounds in 1935, 500 pounds in 1934 and a 5-year average of 500 pounds.

*Creeping bent*: NEW BRUNSWICK, 7,000 pounds in 1939 as against 5,000 pounds in 1938, 7,500 pounds in 1937, 10,000 pounds in 1936, 1,500 pounds in 1935 and 2,000 pounds in 1934.

**Area, Production and Value of the Commercial Crop of Clover and Grass Seed in Canada, by Types and Provinces, 1938 and 1939**

Description	1938			1939		
	Acreage	Production	Value	Acreage	Production	Value
	acres	lb.	\$	acres	lb.	\$
<i>Red Clover</i>						
New Brunswick.....	350	40,000	4,800	100	20,000	4,000
Quebec.....	4,207	450,000	54,000	2,100	175,000	31,500
Ontario.....	38,300	5,250,000	577,500	18,780	2,790,000	474,300
Alberta.....	600	100,000	10,000	500	60,000	7,200
British Columbia.....	2,904	350,000	35,900	1,400	190,000	22,800
Total.....	46,361	6,190,000	682,200	22,880	3,235,000	539,800
<i>Alsike</i>						
New Brunswick.....	10	1,000	100	10	1,000	100
Quebec.....	12	2,000	300	20	3,500	500
Ontario.....	39,110	6,805,000	758,550	14,500	1,895,000	284,250
Alberta.....	604	100,000	8,000	800	120,000	16,800
British Columbia.....	762	100,000	11,000	1,100	150,000	16,500
Total.....	40,498	7,008,000	777,950	16,430	2,169,500	318,150
<i>Alfalfa</i>						
Ontario.....	6,625	961,000	192,200	22,500	2,357,000	400,700
Manitoba.....	2,107	400,000	60,000	7,800	1,475,000	265,500
Saskatchewan.....	12,416	2,300,000	368,000	7,100	1,125,000	202,500
Alberta.....	1,598	315,000	50,400	1,600	210,000	39,900
British Columbia.....	392	81,000	13,800	750	160,000	31,200
Total.....	23,138	4,057,000	684,400	39,750	5,327,000	939,800
<i>Sweet Clover</i>						
Ontario.....	6,560	1,723,000	51,700	6,650	1,745,000	61,100
Manitoba.....	27,950	8,500,000	255,000	15,550	3,130,000	62,600
Saskatchewan.....	1,125	300,000	7,500	1,200	300,000	6,000
Alberta.....	4,850	1,300,000	32,500	2,700	545,000	16,350
Total.....	40,485	11,823,000	346,700	26,100	5,720,000	146,050
<i>Timothy</i>						
Prince Edward Island.....	1,150	100,000	5,000	1,100	85,000	6,800
Nova Scotia.....	—	—	—	125	8,000	600
New Brunswick.....	395	35,000	1,750	400	35,000	2,800
Quebec.....	6,120	650,000	32,500	7,500	475,000	35,600
Ontario.....	19,950	2,119,000	95,350	22,100	2,375,000	154,400
Manitoba.....	—	—	—	100	20,000	1,200
Alberta.....	6,200	850,000	29,750	5,400	250,000	15,000
British Columbia.....	1,200	170,000	5,100	9,150	1,000,000	62,500
Total.....	35,015	3,924,000	169,450	45,875	4,248,000	278,900
<i>Canada Blue Grass</i>						
Ontario.....	1,120	112,000	13,400	850	67,200	6,050
<i>Crested Wheat Grass</i>						
Manitoba.....	810	75,000	7,500	2,200	200,000	16,000
Saskatchewan.....	12,805	1,300,000	104,000	14,600	1,600,000	96,000
Alberta.....	3,120	370,000	44,400	6,100	655,000	52,400
British Columbia.....	—	—	—	300	3,600	300
Total.....	16,735	1,745,000	155,900	23,200	2,458,600	164,700



**Area, Production and Value of the Commercial Crop of Clover and Grass Seed in Canada, by Types and Provinces, 1938 and 1939—Concluded**

Description	1938			1939		
	Acreage	Production	Value	Acreage	Production	Value
	acres	lb.	\$	acres	lb.	\$
<i>Brome Grass</i>						
Manitoba.....	2,110	350,000	31,500	2,200	358,000	32,200
Saskatchewan.....	4,125	500,000	31,250	12,100	1,500,000	105,000
Alberta.....	12,750	1,500,000	90,000	12,500	1,300,000	130,000
Total.....	18,985	2,350,000	152,750	26,800	3,158,000	267,200
<i>Western Rye Grass</i>						
Saskatchewan.....	450	60,000	3,300	480	60,000	3,000
Alberta.....	195	25,000	1,250	—	—	—
Total.....	645	85,000	4,550	480	60,000	3,000
<i>Fescue (creeping red)</i>						
Alberta.....	100	10,700	3,750	190	20,000	7,000
British Columbia.....	—	—	—	20	1,000	3,500
Total.....	100	10,700	3,750	210	21,000	10,500
<i>Meadow Fescue</i>						
British Columbia.....	15	2,000	200	15	2,000	200
<i>Bent Grasses</i>						
Maritime Provinces.....	320	9,100	4,500	390	13,200	7,000

## APICULTURE

### PRODUCTION

The revised estimate of the 1939 honey crop shows a production of 28,856,100 pounds. While this crop was smaller by 9,053,800 pounds or 24 per cent than the record crop of 37,909,900 pounds in 1938, it was somewhat larger than the average production of 26,860,000 pounds during the previous five years 1933-37. Although numbers of beekeepers and colonies of bees were greater in 1939, a drop of 25 pounds in the average yield per hive reduced the total output below that of 1938. This was due to a late cold spring followed by hot dry weather in July and August, which considerably curtailed the honey flow. In northern Saskatchewan, however, crop conditions were most favourable and a big crop of good quality honey was harvested. As a result, production for this province was increased by more than 50 per cent from the record crop of the previous year, but in all other provinces except Prince Edward Island smaller crops were harvested.

Production of honey in 1939, totalling 28,856,100 pounds, was distributed by provinces in order of magnitude as follows, with the estimates for the 1938 crop with brackets: Ontario 11,500,000 (16,300,000); Manitoba 5,400,000 (9,539,900); Quebec 4,355,400 (5,108,200); Saskatchewan 4,262,600 (2,794,200); Alberta 2,178,000 (2,418,000); British Columbia 1,004,900 (1,584,100); New Brunswick 82,800 (90,100); Nova Scotia 60,000 (64,100); Prince Edward Island 12,400 (11,300).

The production of beeswax was estimated at 351,300 pounds in 1939 as compared with the revised estimate of 463,000 pounds in 1938.

## PRICES

The average price received by producers for the 1939 honey crop is estimated at 9.1 cents per pound as compared with 7.8 cents for the 1938 crop, an increase of 1.3 cents per pound. The total value of the 1939 production including beeswax, for which prices offered are sharply higher than in 1938, is estimated at \$2,726,700, as compared with \$3,057,200 in 1938. This represents a decrease of 11 per cent in the total value of apicultural production as compared with a decline in volume of 24 per cent.

Average prices paid to producers for the 1939 honey crop in cents per pound, with comparative estimates for the 1938 crop within brackets, follow: Prince Edward Island 10 (11); Nova Scotia 15 (15); New Brunswick 13 (12); Quebec 11 (10); Ontario 9 (7); Manitoba 7.5 (6.5); Saskatchewan 8.5 (8.7); Alberta 8 (7); British Columbia 15 (15).

The total value of honey and wax, estimated at \$2,726,700 for the 1939 crop, was distributed by provinces in order of magnitude as follows, with the corresponding estimates for 1938 within brackets: Ontario \$1,075,000 (\$1,189,900); Quebec \$497,200 (\$533,700); Manitoba \$418,500 (\$639,200); Saskatchewan \$376,400 (\$249,100); Alberta \$184,000 (\$178,200); British Columbia \$154,000 (\$244,700); New Brunswick \$11,100 (\$11,100); Nova Scotia \$9,200 (\$10,100); Prince Edward Island \$1,300 (\$1,200).

## MARKETING

Prices were low and markets dull in the early fall of 1939. Shortly after the declaration of war in September, honey was placed on the luxury list by the British Government and import licenses for Canadian honey were refused. The situation created by this embargo was alleviated somewhat by the shortage of retail supplies of sugar in Canada, and stocks were reduced considerably by the exceptionally large sales of honey (particularly supplies packed in domestic containers), although prices remained low. When import restrictions on Empire honey into the United Kingdom were removed in November, prices on both the Canadian and United Kingdom markets rose sharply in response to the heavy demand. Quotations on local markets have increased from as low as 5 cents per pound in the early fall of 1939 to 11 cents in March 1940. On the United Kingdom markets, wholesale prices have ranged from 65/- to 90/- per cwt. (approximately 13 to 18 cents per pound Canadian) and import prices from 49/- per cwt. (equivalent to 10 cents per pound Canadian) in the early stages to as high as 82/- (16 cents Canadian) on more recent sales.

Sales for export, particularly to the United Kingdom, have been heavy and with supplies on local markets practically exhausted, the upward trend in prices will probably continue. Owing to the scarcity of supplies on local markets, there has been an increase in imports of honey from the United States since the beginning of the year.

Exports for the eight months ended March 1940 have amounted to 7,340,691 pounds valued at \$725,690 as compared with 4,205,122 pounds valued at \$323,653 for the corresponding period ended March 1939. Of the total exports during this period, 6,652,574 pounds, or 91 per cent went to the United Kingdom as compared with 3,600,055 pounds (86 per cent) in 1937-38.

Reports from the United Kingdom indicate larger than usual importations of Canadian honey in consumer packages, approximately 14,000 cases having arrived in the United Kingdom this season. Canadian consumer packages are finding their way to the retail trade in larger quantities than usual, due to the somewhat increased demand for honey, the shortage of glass, the tendency on the part of the consumers to store food stuffs, the rationing of sugar and the relatively lower cost per pound of honey distributed in these packages. Canadian consumer packages, particularly 2's, may continue to gain in favour with



consumers. Sales of buckwheat honey, principally for manufacturing, and to a lesser extent for blending, have been reported in the United Kingdom. Prices are as high as 50/- per cwt. (approximately 10 cents per pound (Canadian) for this product.

Imports into Canada during the first eight months of the 1939-40 crop year have totalled 881,997 pounds valued at \$53,916 of which 873,521 pounds were from the United States. This compares with 23,825 pounds valued at \$3,560 of which only 15,517 pounds were from the United States in the corresponding eight months ended March 31, 1939.

**I.—Numbers of Beekeepers and Colonies, Production of Honey, and Value of Honey and Beeswax in Canada, by Provinces, 1933 to 1939 and the Five-Year Average, 1933-1937**

Province and year	Bee-keepers	Colonies	Honey				Value of honey and wax
			Average production per hive	Total production	Average price to producers	Total value	
	No.	No.	lb.	lb.	cents per lb.	\$	\$
<b>Canada—</b>							
1933.....	23,100	328,200	77	25,287,800	8.6	2,165,500	2,256,900
1934.....	24,300	328,400	82	27,062,800	9.2	2,479,700	2,574,700
1935.....	24,800	357,000	75	26,814,800	8.3	2,228,500	2,337,500
1936.....	26,300	370,800	86	31,938,100	8.5	2,701,200	2,822,900
1937.....	27,900	386,400	60	23,196,600	9.0	2,067,700	2,163,700
<i>Average 1933-37</i>	<i>25,280</i>	<i>354,200</i>	<i>76</i>	<i>26,860,000</i>	<i>8.7</i>	<i>2,328,500</i>	<i>2,431,100</i>
1938.....	27,300	394,000	96	37,909,900	7.8	2,942,500	3,057,200
1939.....	27,970	406,000	71	28,856,100	9.1	2,630,400	2,726,700
<b>Prince Edward Island—</b>							
1933.....	15	220	60	12,000	10.0	1,200	1,200
1934.....	14	180	31	5,500	13.0	700	700
1935.....	13	200	48	9,500	14.0	1,300	1,300
1936.....	12	240	58	14,000	14.0	2,000	2,100
1937.....	11	260	62	16,200	12.0	1,900	2,000
<i>Average 1933-37</i>	<i>13</i>	<i>220</i>	<i>53</i>	<i>11,400</i>	<i>12.0</i>	<i>1,400</i>	<i>1,500</i>
1938.....	10	200	55	11,300	11.0	1,200	1,200
1939.....	10	190	67	12,400	10.0	1,300	1,300
<b>Nova Scotia—</b>							
1933.....	260	1,350	51	69,000	13.0	9,000	9,200
1934.....	250	1,360	37	51,000	14.0	7,100	7,300
1935.....	250	1,180	40	47,100	16.0	7,500	7,700
1936.....	260	1,160	52	60,000	17.0	10,200	10,400
1937.....	260	1,260	37	46,100	16.0	7,400	7,600
<i>Average 1933-37</i>	<i>260</i>	<i>1,260</i>	<i>43</i>	<i>54,600</i>	<i>15.0</i>	<i>8,200</i>	<i>8,400</i>
1938.....	260	1,350	47	64,100	15.0	9,600	10,100
1939.....	260	1,350	44	60,000	15.0	9,000	9,200
<b>New Brunswick—</b>							
1933.....	370	1,500	28	42,000	13.0	5,500	5,700
1934.....	360	1,500	42	63,000	14.0	8,800	9,000
1935.....	350	1,300	32	42,000	16.0	6,700	6,900
1936.....	370	1,300	32	42,000	17.0	7,100	7,300
1937.....	470	1,400	48	67,000	17.0	11,400	11,700
<i>Average 1933-37</i>	<i>380</i>	<i>1,400</i>	<i>37</i>	<i>51,000</i>	<i>15.0</i>	<i>7,900</i>	<i>8,100</i>
1938.....	400	1,700	53	90,100	12.0	10,800	11,100
1939.....	420	1,800	46	82,800	13.0	10,800	11,100
<b>Quebec—</b>							
1933.....	5,800	70,530	57	4,024,900	11.0	447,800	462,400
1934.....	5,560	53,760	68	3,654,800	9.8	356,700	369,500
1935.....	5,800	60,000	67	4,013,600	9.5	380,800	397,100
1936.....	6,800	71,500	75	5,395,600	8.9	482,900	503,500
1937.....	7,300	69,800	51	3,588,700	10.0	358,900	373,700
<i>Average 1933-37</i>	<i>6,250</i>	<i>65,100</i>	<i>64</i>	<i>4,155,500</i>	<i>10.0</i>	<i>405,400</i>	<i>421,200</i>
1938.....	6,800	70,100	73	5,108,200	10.0	510,800	533,700
1939.....	7,000	72,690	60	4,355,400	11.0	479,100	497,200

**I.—Numbers of Beekeepers and Colonies, Production of Honey, and Value of Honey and Beeswax in Canada, by Provinces, 1933 to 1939 and the Five-Year Average, 1933-1937—Concluded**

Province and year	Bee-keepers	Colonies	Honey				Value of honey and wax
			Average production per hive	Total production	Average price to producers	Total value	
	No.	No.	lb.	lb.	cents per lb.	\$	\$
<b>Ontario—</b>							
1933.....	9,000	190,000	75	14,250,000	7.4	1,054,500	1,106,000
1934.....	8,500	187,000	80	14,960,000	8.4	1,256,600	1,309,100
1935.....	8,300	193,000	74	14,282,000	7.4	1,056,900	1,114,900
1936.....	8,200	195,000	65	12,675,000	8.0	1,014,000	1,062,300
1937.....	8,100	200,000	40	8,000,000	9.0	720,000	753,100
<i>Average 1933-37</i>	<i>8,400</i>	<i>193,000</i>	<i>66</i>	<i>12,833,600</i>	<i>8.0</i>	<i>1,020,400</i>	<i>1,069,100</i>
1938.....	8,300	204,000	80	16,300,000	7.0	1,141,000	1,189,900
1939.....	8,200	205,000	56	11,500,000	9.0	1,035,000	1,075,000
<b>Manitoba—</b>							
1933.....	2,600	28,000	136	3,800,000	8.0	304,000	317,700
1934.....	3,130	41,700	112	4,669,200	8.5	409,300	425,700
1935.....	3,300	51,420	97	4,978,000	7.0	366,900	387,200
1936.....	3,440	51,310	159	8,135,500	7.0	585,400	616,400
1937.....	3,550	55,190	122	6,748,600	7.0	489,300	517,200
<i>Average 1933-37</i>	<i>3,200</i>	<i>45,520</i>	<i>124</i>	<i>5,666,300</i>	<i>7.5</i>	<i>431,000</i>	<i>462,800</i>
1938.....	3,360	56,650	168	9,539,900	6.5	620,100	639,200
1939.....	3,240	58,000	94	5,400,000	7.5	405,000	418,500
<b>Saskatchewan—</b>							
1933.....	1,900	8,820	105	925,500	10.4	96,300	99,700
1934.....	2,350	11,220	58	647,200	11.0	71,200	73,500
1935.....	2,700	14,100	75	1,051,400	11.0	115,700	120,000
1936.....	3,000	17,100	154	2,636,300	10.0	263,600	273,600
1937.....	3,900	23,700	48	1,142,500	9.0	102,800	107,600
<i>Average 1933-37</i>	<i>2,770</i>	<i>14,990</i>	<i>85</i>	<i>1,280,600</i>	<i>10.0</i>	<i>129,990</i>	<i>134,900</i>
1938.....	4,000	23,780	118	2,794,200	8.7	242,100	249,100
1939.....	4,180	28,000	153	4,262,600	8.5	363,100	376,400
<b>Alberta—</b>							
1933.....	320	5,800	172	1,000,000	9.0	90,000	93,600
1934.....	1,010	9,390	160	1,500,000	10.0	150,000	155,300
1935.....	1,000	13,060	84	1,100,000	9.0	99,000	103,500
1936.....	1,150	12,180	152	1,850,000	9.0	166,500	173,500
1937.....	1,240	13,730	157	2,160,000	7.5	162,000	170,900
<i>Average 1933-37</i>	<i>1,160</i>	<i>13,880</i>	<i>144</i>	<i>2,005,600</i>	<i>8.5</i>	<i>167,400</i>	<i>175,000</i>
1938.....	1,090	15,230	159	2,418,000	7.0	169,300	178,200
1939.....	1,590	18,000	121	2,178,000	8.0	176,400	184,000
<b>British Columbia—</b>							
1933.....	2,820	22,010	53	1,164,400	13.5	157,200	161,400
1934.....	3,080	22,260	68	1,512,100	14.5	219,300	224,600
1935.....	3,130	22,750	57	1,291,200	15.0	193,700	198,900
1936.....	3,080	21,000	54	1,129,700	15.0	169,500	173,800
1937.....	3,080	21,020	68	1,427,500	15.0	214,000	219,900
<i>Average 1933-37</i>	<i>3,040</i>	<i>21,810</i>	<i>60</i>	<i>1,305,000</i>	<i>14.5</i>	<i>190,700</i>	<i>195,700</i>
1938.....	3,080	21,020	75	1,584,100	15.0	237,600	244,700
1939.....	3,070	21,020	48	1,004,500	15.0	150,700	154,000

**II.—Exports of Honey from Canada, Crop Years ended July 31, 1935 to 1939, and Eight Months ended March 31, 1940**

	Year ended July 31	Quantity	Value
		lb.	\$
1935.....		2,300,572	210,006
1936.....		2,228,429	170,019
1937.....		2,668,581	225,387
1938.....		2,842,923	240,539
1939.....		5,511,988	413,112
Eight months ended March 31, 1940.....		7,340,691	725,690

## III.—Exports of Honey from Canada, by Months, August to March, 1937-38 to 1939-40

Month	1937-38		1938-39		1939-40	
	Total Exports	To United Kingdom	Total Exports	To United Kingdom	Total Exports	To United Kingdom
	lb.	lb.	lb.	lb.	lb.	lb.
August.....	54,501	53,995	203,823	186,005	107,711	104,087
September.....	201,491	152,423	608,280	570,305	191,155	36,243
October.....	412,787	275,674	758,454	678,337	173,375	11,901
November.....	817,790	558,383	941,560	823,821	264,341	54,790
December.....	468,967	429,996	608,584	452,235	1,579,045	1,423,012
January.....	318,706	316,299	536,913	498,979	2,448,217	2,446,191
February.....	131,619	77,093	130,607	109,760	1,085,298	1,085,182
March.....	135,582	30,080	416,901	280,613	1,491,549	1,491,168
Total.....	2,541,443	1,893,943	4,205,122	3,600,055	7,340,691	6,652,574

## IV.—Imports of Honey into Canada, Crop Years ended July 31, 1935 to 1939, and Eight Months ended March 31, 1940

Year ended July 31	Quantity	Value
	lb.	\$
1935.....	47,334	3,730
1936.....	29,744	2,365
1937.....	32,510	3,790
1938.....	131,059	12,661
1939.....	35,510	4,880
Eight months ended March 31, 1940.....	881,997	53,916

## V.—Imports of Honey into Canada, by Months, August to March, 1937-38 to 1939-40

Month	1937-38		1938-39		1939-40	
	Total Imports	From United States	Total Imports	From United States	Total Imports	From United States
	lb.	lb.	lb.	lb.	lb.	lb.
August.....	8,416	1,800	13	—	4,748	229
September.....	6,439	36	2,812	144	2,739	474
October.....	71,757	69,386	8,490	5,895	1,124	1,076
November.....	8,270	7,972	5,423	5,094	3,125	2,378
December.....	4,600	4,528	2,793	450	702	70
January.....	6,430	5,794	720	360	274,682	274,682
February.....	8,506	8,506	—	—	111,916	111,916
March.....	2,626	335	3,574	3,574	482,961	482,696
Total.....	117,044	98,357	23,825	15,517	881,997	873,521

## VI.—Imports of Package Bees into Canada, 1928 to 1939

Calendar Year	Dollars	Calendar Year	Dollars
1928.....	64,334	1934.....	149,161
1929.....	60,551	1935.....	166,123
1930.....	69,866	1936.....	175,815
1931.....	57,873	1937.....	193,312
1932.....	52,271	1938.....	190,272
1933.....	67,897	1939.....	189,771

## VII.—Imports of Honey Into the United Kingdom, 1920 to 1938

Calendar Year	Total	From Foreign Countries	From Empire Countries	From Canada	Per Cent Canadian
	000 lb.	000 lb.	000 lb.	000 lb.	p.c.
1920.....	5,938	4,480	1,458	12	0.2
1921.....	2,788	1,298	1,490	1	0.3
1922.....	6,538	3,650	2,888	8	0.1
1923.....	6,249	3,317	2,932	7	0.1
1924.....	8,204	4,720	3,484	433	5.3
1925.....	8,565	4,423	4,142	354	4.1
1926.....	7,181	3,854	3,327	538	7.5
1927.....	9,455	5,444	4,011	727	7.7
1928.....	7,947	4,005	3,942	354	4.5
1929.....	10,871	5,512	5,359	1,057	9.7
1930.....	7,504	3,909	3,595	1,324	17.6
1931.....	8,761	4,184	4,577	1,921	21.9
1932.....	9,008	4,306	4,702	2,201	24.4
1933.....	8,933	4,046	4,887	2,132	23.9
1934.....	7,318	3,055	4,263	1,735	23.7
1935.....	7,161	2,049	5,112	1,694	23.7
1936.....	8,213	1,980	6,233	2,295	27.9
1937.....	10,112	3,899	6,213	2,302	22.8
1938.....	11,479	3,359	8,120	3,474	30.3

## FUR FARMING

SOURCE: Fur Statistics Branch, Dominion Bureau of Statistics

The number of fur farms in operation in Canada in the year 1938 was 10,455, comprising 8,073 fox farms, 2,222 mink farms and 160 farms of the miscellaneous group, classified as follows: Raccoon 66; fitch 30; marten 11; nutria 10; badger 2; fisher 1; muskrat 30; and beaver farms 10. Compared with the preceding year, the number of fox farms shows an increase of 472, or 6 per cent, the number of mink farms an increase of 796, or 56 per cent; the number of miscellaneous fur farms an increase of 8, or 5 per cent; and the total number of fur farms an increase of 1,276, or 14 per cent.

The term "fur farm" refers to all properties on which fur-bearing animals are raised, whether the property is one devoted solely to fur farming, or is operated as a branch of general farming. All fur farms on which foxes are raised are classified as fox farms, while the other groups comprise farms which raise fur-bearing animals other than foxes, and are classified according to the principal kind of fur-bearer.

Fur farm revenue in 1938 amounted to \$6,482,816, to which the sales of pelts contributed \$5,752,742, or 89 per cent, and the sales of live fur-bearing animals, \$730,074, or 11 per cent. The total revenue shows a decrease from the preceding year of \$327,570, or 5 per cent.

The value of fur-bearing animals on the farms at the end of the year 1938 was \$8,929,754, compared with \$9,676,431 in the preceding year. The number of silver foxes decreased by 16,003, or 10 per cent and the value by \$1,747,130, or 23 per cent. The number of minks, on the other hand, shows an increase of 34,873, or 49 per cent, and the value an increase of \$859,543, or 42 per cent. Other kinds of fur-bearers showing increases in number are blue fox, chinchilla, marten, fitch, badger, nutria and muskrat.

The following tables summarize the principal statistics of the industry for the years 1936 to 1938. The final report, to be issued at a later date, will contain statistics in greater detail and by county and district divisions.



**I.—Number of Fur Farms, Value of Land and Buildings and Value of Fur-bearing Animals on Fur Farms at December 31, by Provinces, 1936 to 1938.**

Province	Fur Farms			Value of Land and Buildings			Value of Fur-bearing Animals		
	1936	1937	1938	1936	1937	1938	1936	1937	1938
	No.	No.	No.	\$	\$	\$	\$	\$	\$
Prince Edward Island..	730	1,216	1,024	876,446	878,934	729,657	1,088,647	945,542	585,102
Nova Scotia.....	958	1,002	1,032	337,422	319,305	290,805	608,202	510,769	407,790
New Brunswick.....	1,028	1,012	941	531,955	521,983	447,172	908,215	734,002	493,335
Quebec.....	2,570	2,541	3,371	1,226,657	1,348,655	1,557,618	1,910,811	1,797,806	1,682,783
Ontario.....	1,170	1,278	1,481	1,401,675	1,445,654	1,463,556	2,044,500	2,085,875	2,042,410
Manitoba.....	512	662	793	797,602	1,029,280	1,138,982	1,109,299	1,311,427	1,243,050
Saskatchewan.....	349	491	606	567,550	678,014	684,000	629,432	689,770	672,690
Alberta.....	514	587	727	972,632	1,047,408	1,176,979	1,164,714	1,186,450	1,317,109
British Columbia.....	304	380	470	367,747	400,788	424,223	362,635	402,646	475,205
Yukon Territory.....	7	10	10	17,350	17,150	17,850	11,825	12,144	10,280
<b>Total.....</b>	<b>8,142</b>	<b>9,179</b>	<b>10,455</b>	<b>7,094,506</b>	<b>7,687,171</b>	<b>7,930,842</b>	<b>9,838,280</b>	<b>9,676,431</b>	<b>8,929,754</b>

**II.—Value of Fur-bearing Animals and of Pelts Sold from Fur Farms, and Value of Fur-bearing Animals on Fur Farms at December 31, 1936 to 1938**

Kind	Animals Sold			Pelts Sold			Animals on Farms, at December 31		
	1936	1937	1938	1936	1937	1938	1936	1937	1938
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Silver fox.....	542,888	517,782	258,205	4,950,290	5,019,487	4,508,767	8,345,552	7,474,741	5,727,611
Patch or cross fox.....	3,321	3,437	2,246	65,182	48,899	55,788	61,784	46,937	39,730
Red fox.....	1,293	1,449	729	12,734	8,382	7,307	13,567	13,018	8,826
Other fox.....	1,135	2,145	15,790	11,151	10,586	14,909	21,163	32,924	74,235
Mink.....	272,560	497,965	443,802	652,940	681,475	1,156,062	1,314,133	2,035,307	2,894,850
Raccoon.....	867	494	474	3,519	2,175	1,365	7,889	6,932	4,968
Marten.....	292	2,337	1,300	830	398	119	7,225	8,175	15,015
Fisher.....	5,930	2,100	1,978	1,512	245	397	13,885	12,790	12,655
Fitch.....	1,160	590	500	1,738	1,470	2,024	3,472	1,983	2,445
Nutria.....	880	2,200	4,525	3	—	—	1,320	4,265	11,225
Muskrat.....	446	222	10	6,438	3,739	4,593	23,194	12,335	23,359
Beaver.....	—	92	15	248	1,358	895	23,428	19,330	15,095
Chinchilla.....	—	—	—	—	—	—	—	3,300	96,000
Karakul sheep.....	—	75	500	538	442	—	560	3,330	2,335
Other.....	—	—	—	1,315	842	516	1,108	1,094	1,405
<b>Total.....</b>	<b>830,772</b>	<b>1,030,888</b>	<b>730,074</b>	<b>5,705,438</b>	<b>5,779,498</b>	<b>5,752,742</b>	<b>9,838,280</b>	<b>9,676,431</b>	<b>8,929,754</b>

## III.—Value of Fur-bearing Animals and Pelts Sold from Fur Farms, by Provinces, 1936 to 1938

Province	1936			1937			1938		
	Fur-bearing animals sold	Pelts sold	Total revenue	Fur-bearing animals sold	Pelts sold	Total revenue	Fur-bearing animals sold	Pelts sold	Total revenue
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Prince Edward Island...	98,279	834,272	932,551	92,034	854,274	946,308	41,593	680,171	721,764
Nova Scotia.....	59,973	406,347	466,320	50,903	466,566	517,469	24,381	421,268	445,649
New Brunswick.....	72,551	783,540	856,091	57,988	649,344	707,332	25,201	606,432	631,633
Quebec.....	170,242	1,087,992	1,258,234	200,033	1,049,013	1,249,046	116,972	1,149,151	1,266,123
Ontario.....	165,976	964,878	1,130,854	196,919	1,153,701	1,350,620	147,468	988,271	1,135,739
Manitoba.....	89,650	471,413	561,063	183,100	480,479	663,579	136,511	684,215	820,726
Saskatchewan.....	47,748	295,864	343,612	63,318	314,631	377,949	50,701	393,909	444,610
Alberta.....	91,203	678,799	770,002	134,001	649,945	783,946	141,343	607,846	749,189
British Columbia.....	35,144	178,087	213,231	52,392	153,439	205,831	45,829	213,282	259,111
Yukon.....	150	7,246	7,396	200	8,106	8,306	75	8,197	8,272
<b>Total.....</b>	<b>830,916</b>	<b>5,708,438</b>	<b>6,539,354</b>	<b>1,030,888</b>	<b>5,779,498</b>	<b>6,810,386</b>	<b>730,074</b>	<b>5,752,742</b>	<b>6,482,816</b>

## HOPS

Source: Statistics Branch, Provincial Department of Agriculture.

## Area, Production and Value of Hops in British Columbia, 1932 to 1939

Item	Unit	1932	1933	1934	1935	1936	1937	1938	1939
Area cropped.....	acres	690	984	1,156	1,123	1,062	1,074	1,150	1,205
Average yield per acre....	lb.	1,147	1,502	1,216	1,572	1,509	1,406	1,538	1,519
Total production.....	lb.	791,159	1,477,425	1,405,700	1,765,600	1,602,800	1,510,000	1,769,000	1,830,000
Average price per lb.....	cents	30.5	33	32	29	32	31.5	31	32
Total value.....	\$	241,245	491,220	449,824	513,800	512,900	475,700	547,900	586,000

The total production of hops in British Columbia in 1939 amounted to 1,830,000 pounds of the value of \$586,000 as compared with 1,769,000 pounds of the value of \$547,900 in 1938, an increase of 3 per cent in production and 7 per cent in value.

Total exports of hops from Canada for the year ended December 31, 1939, amounted to 203,256 pounds valued at \$65,274 as compared with 338,522 pounds valued at \$92,258 in 1938. Imports in 1939 were 782,232 pounds of the value of \$337,565 compared with 1,087,490 pounds of the value of \$298,535 in 1938.

## PREPARATION OF LAND IN THE PRAIRIE PROVINCES

A decrease of 2,105,700 acres or 9 per cent as compared with the previous year is shown in the total acreage of land prepared as summer-fallow, new breaking and fall ploughing in the Prairie Provinces in 1939. Total area of prepared land amounted to 21,628,200 acres as compared with 23,733,900 acres in 1938.

Acreages of new breaking and fall ploughing were lower in all three provinces. The acreage prepared as summer-fallow was smaller in Saskatchewan than in the previous year, but slightly larger in Manitoba and Alberta.

The decrease in the acreage of fall ploughing was most pronounced in Saskatchewan where owing to weather conditions unfavourable for fall work, the acreage was reduced by 1,274,000 acres or 36 per cent. Similarly in Alberta, the area fall ploughed was lower by 90,000 acres or 26 per cent. A slight reduction was also shown in Manitoba.

The amount of new breaking was less than in 1938 by 35,600 acres in Alberta, 7,900 acres in Saskatchewan, and 2,000 acres in Manitoba, a total of 45,500 acres or 7 per cent.

The acreages prepared as summer-fallow were slightly higher in Manitoba and Alberta than in 1938 but lower in Saskatchewan, the result being a decrease for the three provinces of 647,200 acres or 4 per cent.

**Estimates of Summer Fallowing, New Breaking and Fall Ploughing, with Areas under Wheat and All Field Crops in Manitoba, Saskatchewan and Alberta, 1931 to 1940**

Province	Year	Summer fallow of previous year	New breaking of previous year	Fall ploughing of previous year	Total acreage prepared in previous year	Area under wheat	Total area under field crops
		acres	acres	acres	acres	acres	acres
Manitoba.....	1931	1,621,000	82,000	2,653,000	4,356,000	2,617,051	5,774,816
	1932	1,873,000	62,000	3,238,000	5,173,000	2,651,000	5,860,800
	1933	1,732,000	50,000	2,689,000	4,471,000	2,536,000	5,963,900
	1934	1,735,000	55,000	2,954,000	4,737,000	2,533,000	6,000,900
	1935	1,711,000	53,000	2,990,000	4,754,000	2,587,000	5,962,000
	1936	1,773,000	56,000	2,485,000	4,314,000	2,556,600	6,081,100
	1937	1,974,000*	57,000	3,122,000	5,153,000	2,872,000	6,421,600
	1938	1,970,700	55,000	3,468,000	5,493,700	3,184,000	6,897,500
	1939	1,814,000	66,000	3,839,000	5,719,000	3,201,000	6,863,300
	1940	1,868,000	64,000	3,790,000	5,722,000	-	-
Saskatchewan.....	1931	6,908,000	599,000	2,334,000	9,841,000	15,026,185	21,973,754
	1932	7,275,200	240,000	3,305,000	10,820,200	15,543,000	22,333,900
	1933	7,257,200	166,900	2,051,000	9,475,100	14,743,000	21,306,000
	1934	8,579,400	173,300	2,851,000	11,603,700	13,262,000	19,771,800
	1935	8,911,200	135,900	3,440,000	12,487,100	13,206,000	20,170,200
	1936	8,205,800	159,100	2,326,000	10,690,900	14,744,000	21,757,350
	1937	9,773,300	160,000	3,141,000	13,074,300	13,893,000	20,483,600
	1938	8,278,400	182,100	3,077,000	11,537,500	13,793,000	19,960,300
	1939	9,125,500	172,300	3,568,000	12,865,800	14,233,000	20,749,200
	1940	8,221,600	164,400	2,294,000	10,680,000	-	-
Alberta.....	1931	3,215,000	619,000	550,000	4,384,000	7,942,856	13,420,980
	1932	3,250,000	200,000	225,000	3,675,000	8,201,000	14,028,700
	1933	4,003,800	255,000	150,000	4,408,800	7,898,000	13,909,400
	1934	4,075,000	221,000	175,000	4,471,000	7,501,000	12,878,900
	1935	4,278,600	248,600	175,000	4,702,200	7,500,000	13,451,450
	1936	4,272,800	257,900	225,000	4,755,600	7,537,200	12,743,150
	1937	5,107,300*	257,900	258,000	5,623,200	7,834,000	13,409,000
	1938	4,557,200	346,000	300,000	5,203,200	7,969,000	13,582,500
	1939	4,433,700	375,400	340,000	4,843,100	8,379,000	13,951,400
	1940	4,636,400	339,800	250,000	5,226,200	-	-
Prairie Provinces..	1931	11,744,000	1,300,000	5,537,000	18,581,000	25,586,092	41,169,550
	1932	12,398,200	502,000	6,768,000	19,668,200	26,395,000	42,229,400
	1933	12,993,000	471,900	4,890,000	18,354,900	25,177,000	41,179,300
	1934	14,389,400	442,300	5,980,000	20,811,700	23,296,000	38,651,600
	1935	14,900,800	437,500	6,605,000	21,943,300	23,293,000	39,589,700
	1936	14,251,600	473,000	5,036,000	19,760,500	24,837,800	40,581,600
	1937	16,854,600*	474,900	6,521,000	23,850,500	24,599,000	40,314,200
	1938	14,806,300	583,100	6,845,000	22,234,400	24,946,000	40,440,300
	1939	15,373,200	613,700	7,747,000	23,733,900	25,813,000	41,563,900
	1940	14,726,000	568,200	6,334,000	21,628,200	-	-

\* 1936 quinquennial census returns.



## THE FERTILIZER TRADE IN CANADA

July 1, 1938-June 30, 1939

SOURCE: Mining, Metallurgical and Chemical Branch, Dominion Bureau of Statistics

Production of fertilizers and fertilizer materials totalled 540,302 short tons during the fertilizer year ended June 30, 1939, compared with 516,459 short tons during the preceding twelve months. These totals do not include calcium cyanamide, the figures of which are not available for publication. The total is made up of 286,605 short tons of mixtures and 253,697 short tons of fertilizer materials, as against 246,676 tons of mixtures and 269,783 tons of fertilizer materials during the same period in 1937-38. To secure these data, schedules were mailed to a list of vendors furnished by the Fertilizer Division of the Federal Department of Agriculture. In order to avoid duplication, each company reporting was furnished with this list and instructed to omit sales to manufacturers or dealers named thereon.

Imports of fertilizers totalled 343,283 tons against 371,920 tons during the preceding fertilizer year. The largest items in the list of imports included superphosphate amounting to 111,385 tons; natural phosphate rock 100,387 tons; muriate of potash 76,532 tons; nitrate of soda 16,114 tons; and sulphate of potash 12,383 tons.

Exports of fertilizers totalled 169,696 tons (excluding calcium cyanamide) and were made up of 134,435 tons of fertilizer materials and 35,261 tons of mixtures. The principal items were sulphate of ammonia amounting to 96,991 tons, a gain of 34 per cent over the exports of this commodity for the preceding year; ammonium phosphate 22,693 tons; and superphosphate 8,611 tons.

*Sales*—Sales of fertilizer materials and mixed fertilizers, including exports but excluding calcium cyanamide, totalled 503,699 short tons as compared with 473,719 tons during the preceding twelve months. Sales of fertilizer materials in Canada, at 101,077 tons, dropped 5.3 per cent, but the sales of mixed fertilizers increased 7.5 per cent to 232,926 tons. Every province, except Nova Scotia and British Columbia, purchased less fertilizer materials than in the previous year. The sales in Nova Scotia rose 29 per cent to 12,147 tons and in British Columbia 3.4 per cent to 5,166 tons. The greatest drop, 15 per cent, was in Quebec, but this was largely offset by a 13 per cent increase in the purchase of mixed fertilizers.

Sales of fertilizer materials were greater in Ontario than in any other province. Of the total, Ontario purchased 28 per cent, Quebec 21 per cent, New Brunswick 14 per cent, Nova Scotia 12 per cent, Prince Edward Island 13 per cent, the Prairie Provinces 7 per cent and British Columbia 5 per cent. Superphosphate continued to be the outstanding fertilizer material sold and comprised over 50 per cent of the total. Ontario was the principal consumer, followed by Quebec, Prince Edward Island, New Brunswick, Nova Scotia and British Columbia. More sulphate of ammonia was sold in Prince Edward Island than in any other province in Canada; New Brunswick, Quebec, Nova Scotia, Ontario and British Columbia follow in the order named. Ammonium phosphate was sold to the amount of 8,977 tons, 3,391 tons going to Alberta, 1,923 to Saskatchewan, 1,618 to Manitoba, and 1,443 to New Brunswick. Ammonium phosphate is made in Canada by only the Consolidated Mining and Smelting Company at Trail, B.C. and a substantial market is being worked up on the Prairies where many of the soils are somewhat deficient in phosphoric acid.

Mixed fertilizers sold in Canada totalled 232,926 tons as compared with 216,602 tons during the twelve months ended June 30, 1938. Of the total, 114,097 tons or 49 per cent were sold in Ontario; 55,648 tons or 24 per cent in Quebec; 23,084 tons or 10 per cent in New Brunswick; 10 per cent in Nova Scotia; 3.4 per cent in Prince Edward Island the same proportion in British Columbia, and minor quantities in the Prairie Provinces.

The most popular mixture was one containing 2 per cent nitrogen, 12 per cent phosphoric acid and 6 per cent potash; 64,746 tons of this mixture were sold. Ontario took 57.5 per cent, Quebec 28 per cent, Nova Scotia 6 per cent, New Brunswick 5.5 per cent and Prince Edward Island 3 per cent. Sales of the 4:8:10 mixture were the next largest, the farmers of Quebec purchasing 53 per cent, while the remainder was distributed among the provinces of Ontario, Prince Edward Island, Nova Scotia and New Brunswick in the order named. Next on the list was a 2:10:8 mixture which amounted to 20,991 tons, practically all of which was sold in Ontario, and the same province was responsible for the purchase of 12,387 tons of the 0:12:6 mixture. A study of Table IV will give the reader some idea of the various other brands used and the provincial distribution of the sales.

Exports of mixed fertilizers totalled 35,261 tons, about the same as in 1938.

A computation was made of the plant food value in the mixed fertilizers and in fertilizer materials sold in Canada. These data are set forth in Tables V and VI.

The names of the concerns which reported are listed in Table VII. An analysis of the records shows that 22 plants made mixed fertilizers; 24 plants manufactured fertilizer materials; 6 made both materials and mixtures; there were 28 importers and 15 exporters.

### THE USE OF FERTILIZERS IN CANADA

By C. H. ROBINSON, B.A., Dominion Agricultural Chemist

Much investigational work to obtain information regarding the various phases of fertilizer employment has been conducted by Federal and Provincial agricultural institutions and by officials of the larger fertilizer manufacturing concerns. The results of these investigations have been discussed in various publications such as bulletins, reports, circulars, press articles, etc., and thus the public has been kept informed regarding the latest findings which influence fertilizer usage. Attention has been drawn to the importance of the proper placement of the fertilizer in relation to the seed, the need of supplying certain minor elements such as boron, sulphur, magnesium, etc., to meet special soil conditions, a suitable ratio of the plant food elements supplied by the fertilizer mixture, and the assistance which can be obtained from the use of rapid methods of analysis of soils to obtain some knowledge of their available plant food supply. While all the above are important, it should be kept in mind that the supply of soil organic matter and the soil reaction are factors which influence the increases in crop yields obtained from the application of fertilizers.

The most useful source of organic matter for soils is barnyard manure, which is also a most valuable source of plant food elements. Unfortunately, a great many farmers have no true realization of the importance of an adequate supply of manure in maintaining the organic matter supply in their soils. Very often no attempt is made to properly care for the manure with the result that its organic matter is dissipated and much of the nitrogen and potash is lost through leaching and fermentation. This situation is much to be regretted since it has been shown that best results from fertilizers are usually obtained when they are applied in conjunction with manure.

Many soils in Canada, particularly in the more humid districts, are quite strongly acid. Investigational work has shown that a lessening of the soil acidity is often essential if satisfactory results from the use of fertilizers are to be had. More attention has been given to this fact in recent years and it is now possible for farmers to obtain ground limestone (the most commonly used soil amendment) at low cost. Manufacturers are aware of the importance of a suitable soil reaction for enhancing the results from the use of fertilizers and, therefore, in compounding certain of their mixtures they add sufficient quantities of acid correcting materials (e.g. ground limestone) as fillers to ensure a neutral residual effect in the soil to which the fertilizers are applied.

**I.—Sales of Fertilizer Materials and Mixed Fertilizers for the Fertilizer Years ended  
June 30, 1938 and 1939**

(Short tons)

Provinces	Fertilizer materials			Mixed fertilizers		
	1938	1939	Percentage increase + decrease -	1938	1939	Percentage increase + decrease -
	tons	tons	p.c.	tons	tons	p.c.
Prince Edward Island.....	12,923	12,725	- 1.5	8,692	8,124	- 6.5
Nova Scotia.....	9,416	12,147	+ 29.0	22,444	22,706	+ 1.2
New Brunswick.....	16,058	14,554	- 9.4	22,561	23,084	+ 2.3
Quebec.....	24,878	21,126	- 15.1	49,118	55,648	+ 13.3
Ontario.....	28,812	28,072	- 2.6	105,101	114,097	+ 8.6
Manitoba.....	2,040	1,680	- 17.6	125	214	+ 71.2
Saskatchewan.....	2,618	1,964	- 25.0	259	482	+ 86.1
Alberta.....	5,033	3,643	- 27.6	357	410	+ 14.8
British Columbia.....	4,996	5,166	+ 3.4	7,945	8,161	+ 2.7
<b>Canada.....</b>	<b>106,774</b>	<b>101,077</b>	<b>- 5.3</b>	<b>216,602</b>	<b>232,926</b>	<b>+ 7.5</b>
Exported.....	115,086*	134,435*	-	35,257	35,261	-
<b>Grand Total.....</b>	<b>221,860*</b>	<b>235,512*</b>	<b>-</b>	<b>251,859</b>	<b>268,187</b>	<b>-</b>

\* Does not include calcium cyanamide.

**II.—Production in Canada, Imports and Exports of Fertilizers, as Reported by the Manufacturers  
and Importers during the Years ended June 30, 1938 and 1939**

(Short tons)

Items	1938			1939		
	Manu- factured	Imported	Exported	Manu- factured	Imported	Exported
Mixed fertilizers.....	246,676	1,495	35,257	286,605	295	35,261
Sulphate of ammonia.....	107,123	4,082	71,863	124,861	6,465	96,991
Calcium nitrate.....	-	665	56	-	1,083	214
Nitrate of soda.....	-	12,790	284	-	16,114	565
Superphosphate*.....	99,141	104,171	11,016	87,738	111,385	8,611
Basic slag.....	-	5,688	5	-	4,898	16
Nitrochalk.....	-	49	-	-	-	-
Natural phosphate rock.....	-	148,174	-	-	100,387	-
Bone meal or bone flour.....	519	446	6	1,074	565	-
Muriate of potash.....	-	75,371	718	-	76,532	344
Sulphate of potash.....	-	10,666	32	-	12,383	-
Potash manure salts and kainite.....	-	-	-	-	-	131
Tankage.....	1,029	2,156	531	755	2,604	399
Sheep manure.....	-	819	-	-	708	2
Dried blood.....	505	40	227	806	144	135
Whale products.....	796	80	252	786	-	399
Fish meal.....	3,430	605	3,122	3,913	218	3,913
Ammonium phosphate.....	56,990	2,873	26,974	32,845	5,545	22,693
Soya bean meal.....	-	40	-	-	539	-
Other materials.....	250	1,710	-	919	3,418	22
<b>Total†.....</b>	<b>516,459</b>	<b>371,920</b>	<b>150,343</b>	<b>540,392</b>	<b>343,283</b>	<b>169,696</b>

\* Contains 16%, 18%, 20%, 45% and 48% superphosphate.

† Does not include calcium cyanamide.



### III.—Sales of Fertilizers, except for Manufacturing Purposes, during the Year ended June 30, 1939

(Short tons)

Fertilizers	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total sold in Canada	Exported from Canada
Nitrate of soda.....	565	3,326	1,734	388	628	7	2	35	185	6,870	565
Sulphate of ammonia....	1,899	1,253	1,659	1,468	1,171	15	18	102	815	8,400	96,991
Calcium cyanamide.....	1	596	9	65	941	-	-	-	100	1,712	*
Nitrochalk.....	13	4	1	3	-	-	-	-	-	21	-
Calcium nitrate.....	-	48	-	-	1	-	-	-	-	49	214
Superphosphate.....	7,640	3,313	7,488	13,823	20,111	5	15	66	1,260	53,721	8,611
Natural phosphate rock..	-	-	-	15	-	-	-	-	1	16	-
Basic slag.....	-	3,192	654	3,283	2	-	-	-	88	7,219	16
Bone meal or bone flour..	1	50	29	-	637	-	-	30	382	1,129	-
Bone phosphate.....	-	29	2	46	64	-	-	-	45	186	2
Muriate of potash.....	2,606	293	2,682	1,401	1,294	3	-	-	364	8,643	344
Sulphate of potash.....	-	-	107	187	132	-	-	1	107	534	-
Tankage.....	-	2	36	-	247	-	-	-	106	391	399
Sheep manure.....	-	41	2	130	396	-	-	-	86	655	2
Dried blood.....	-	-	-	-	120	32	-	18	80	250	135
Whale products.....	-	-	125	-	-	-	-	-	230	355	399
Fish meal.....	-	-	-	-	1	-	-	-	646	647	3,913
Ammonium phosphate...	-	-	26	1	1,443	1,618	1,923	3,391	575	8,977	22,693
Other fertilizer materials	-	-	-	316	884	-	6	-	96	1,302	22
<b>Total fertilizers.....</b>	<b>12,725</b>	<b>12,147</b>	<b>14,554</b>	<b>21,126</b>	<b>28,072</b>	<b>1,680</b>	<b>1,964</b>	<b>2,643</b>	<b>5,166</b>	<b>101,677</b>	<b>*</b>
Total mixed fertilizers.....	8,124	22,706	23,084	55,648	114,097	214	482	410	8,161	232,926	35,261
<b>Grand Total, 1939..</b>	<b>20,849</b>	<b>34,853</b>	<b>37,638</b>	<b>76,774</b>	<b>142,169</b>	<b>1,894</b>	<b>2,446</b>	<b>4,053</b>	<b>13,327</b>	<b>334,003</b>	<b>*</b>
<b>Grand Total, 1938..</b>	<b>21,615</b>	<b>31,860</b>	<b>38,619</b>	<b>73,996</b>	<b>133,913</b>	<b>2,165</b>	<b>2,877</b>	<b>5,390</b>	<b>12,941</b>	<b>323,376</b>	<b>-</b>

\* Not available for publication.

IV.—Mixed Fertilizers Sold during the Year ended June 30, 1939

(Short tons)

Formulae			P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada	Export- ed from Canada
N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O											
0	10	10	-	-	-	271	3	-	-	-	-	274	-
0	10	16	-	-	-	-	-	-	-	-	537	537	-
0	12	6	-	-	-	-	12,387	-	-	-	-	12,387	-
0	12	10	-	-	-	3	4,806	-	-	-	109	4,918	-
0	12	14	-	-	-	-	397	-	-	-	-	397	-
0	12	15	-	-	-	-	2,349	-	-	-	10	2,359	-
0	16	6	16	84	24	2,061	889	-	-	-	17	3,091	8
0	16	10	-	-	-	76	2	-	-	-	1	79	-
2	8	4	-	-	-	177	233	-	-	-	-	410	-
2	8	5	-	-	-	-	201	-	-	-	-	201	-
2	8	10	-	-	-	110	1,863	-	-	-	-	1,973	-
2	8	16	-	-	-	3	148	-	-	-	-	151	-
2	8	24	-	-	-	1	64	-	-	-	-	65	-
2	10	4	2	1,032	2,078	11	23	-	-	-	-	3,146	248
2	10	8	-	-	-	25	20,902	-	-	-	64	20,991	-
2	12	2	-	-	-	70	-	-	-	-	-	70	-
2	12	6	1,871	4,033	3,673	17,919	37,250	-	-	-	-	64,746	262
2	12	8	-	-	-	1,033	56	-	-	-	-	1,089	-
2	12	10	-	-	-	6,397	9,152	-	-	-	24	15,573	-
2	16	6	-	5	-	658	4,297	1	-	1	94	5,056	-
2	19	0	-	-	-	-	-	188	475	293	15	969	-
3	8	4	-	-	-	-	36	-	-	-	-	36	33
3	8	5	-	-	-	-	531	-	-	-	-	531	-
3	8	15	-	-	-	579	-	-	-	-	-	579	-
3	10	5	-	-	-	-	1,251	-	-	-	-	1,251	-
3	10	6	-	-	-	-	1,348	-	-	-	-	1,348	-
3	10	8	-	-	-	-	3,453	-	-	14	1,779	5,246	-
3	11	0	-	-	-	85	-	-	-	-	-	85	-
3	18	0	-	-	-	-	-	-	-	-	-	-	84
4	6	10	14	1,062	3,969	-	-	-	-	-	-	5,045	216
4	8	4	8	1,728	60	97	26	-	-	-	-	1,919	150
4	8	6	-	-	-	37	1,913	-	-	-	-	1,950	-
4	8	7	319	1,272	455	26	-	1	-	1	13	2,087	823
4	8	10	4,155	2,100	1,421	17,318	7,458	7	2	-	-	32,461	3,610
4	8	13	1,026	658	3,137	-	-	-	-	-	-	4,821	81
4	8	15	-	-	52	256	-	-	-	-	-	308	-
4	9	4	-	-	-	-	154	-	-	-	-	154	-
4	9	5	-	-	-	-	65	-	-	-	-	65	-
4	10	8	-	11	8	38	57	4	4	2	3	127	-
4	10	10	-	-	-	822	1	-	-	18	3,108	3,949	-
4	12	4	-	-	-	15	390	-	-	-	25	430	-
4	12	6	-	-	-	20	439	2	-	-	-	461	-
4	24	12	-	-	-	46	108	-	-	-	5	159	-
5	8	7	-	-	-	787	778	-	-	-	-	1,545	29
5	8	10	15	3	2,683	891	19	-	-	-	-	3,601	8,144
5	8	12	40	57	2,938	2,210	-	-	-	-	-	5,245	8,793
5	9	8	584	2,331	2,075	-	-	-	-	-	-	4,990	2,428
5	10	5	74	3,775	168	1	195	1	-	1	606	4,821	251
5	10	10	-	5	61	851	-	-	-	-	-	917	800
5	12	2	-	-	-	31	6	-	-	-	22	59	-
5	12	8	-	-	-	-	-	-	-	-	-	-	650
6	7	4	-	-	-	-	-	-	-	-	686	686	-
6	7	7	-	-	-	14	-	-	-	-	291	305	-
6	8	10	-	-	-	2,320	177	-	-	-	-	2,497	-
6	10	10	-	-	-	-	-	-	-	-	635	635	-
6	12	18	-	-	-	-	-	-	-	-	-	-	90
7	4	7	-	-	-	-	51	-	-	-	-	51	-
7	5	2	-	2	-	22	61	2	-	-	13	100	2
8	5	0	-	-	-	-	-	-	-	65	-	65	-
8	5	2	-	-	-	-	42	8	-	-	-	50	-
7	13	16	-	-	-	-	-	-	-	-	-	-	2,252
8	16	14	-	-	20	-	-	-	-	-	-	20	508
8	16	16	-	-	-	-	-	-	-	-	-	205	-
8	16	20	-	12	236	36	2	-	-	-	-	286	5,462
9	5	7	-	4,502	26	216	30	-	-	-	-	4,774	-
10	5	2	-	9	-	39	35	-	-	-	-	83	1
Other mixtures			-	25	-	106	446	5	1	15	104	702	133
Total			8,124	22,706	23,084	55,648	114,097	214	482	410	8,161	232,926	35,261

**V.—Nitrogen, Phosphoric Acid and Potash contained in mixed fertilizers sold in Canada, during the Years ended June 30, 1938 and 1939**

Provinces	1938				1939			
	Total tonnage	Nitrogen	Phosphoric acid	Potash	Total tonnage	Nitrogen	Phosphoric acid	Potash
	tons	lb.	lb.	lb.	tons	lb.	lb.	lb.
Prince Edward Island.....	8,692	630,300	1,552,300	1,577,540	8,124	587,980	1,466,240	1,485,900
Nova Scotia.....	23,444	2,142,820	3,840,880	3,022,820	22,706	2,183,240	3,899,040	3,106,020
New Brunswick.....	22,561	1,808,660	3,814,780	4,209,500	23,084	1,799,300	4,011,780	4,299,680
Quebec.....	49,118	3,196,800	9,883,260	8,555,320	55,648	3,523,240	11,678,480	9,512,080
Ontario.....	105,101	4,068,860	23,471,540	15,546,520	114,097	4,271,680	25,335,520	16,945,460
Manitoba.....	125	6,400	45,980	3,100	214	11,040	76,280	3,900
Saskatchewan.....	259	10,720	87,060	1,440	482	19,660	182,160	1,220
Alberta.....	357	16,550	135,400	4,600	410	26,580	130,720	8,320
British Columbia.....	7,945	613,320	1,528,220	1,363,480	8,161	640,120	1,606,100	1,452,500
<b>Total Canada.....</b>	<b>216,692</b>	<b>12,494,460</b>	<b>44,369,420</b>	<b>34,281,320</b>	<b>232,926</b>	<b>13,062,840</b>	<b>46,386,320</b>	<b>36,815,050</b>
Exported from Canada.....	35,257	3,888,420	7,100,820	8,003,940	35,261	3,014,980	5,518,140	6,855,900

**VI.—Nitrogen, Phosphoric Acid and Potash contained in fertilizer materials sold in Canada, during the Years ended June 30, 1938 and 1939**

Provinces	1938				1939			
	Total tonnage	Nitrogen	Phosphoric acid	Potash	Total tonnage	Nitrogen	Phosphoric acid	Potash
	tons	lb.	lb.	lb.	tons	lb.	lb.	lb.
Prince Edward Island.....	12,923	1,026,650	2,967,760	2,301,000	12,725	944,760	2,964,760	2,608,800
Nova Scotia.....	9,416	1,480,340	1,713,340	368,320	12,147	1,842,460	2,384,620	297,020
New Brunswick.....	16,058	1,373,180	3,431,560	3,051,880	14,554	1,263,100	3,095,720	3,261,760
Quebec.....	24,878	1,104,320	7,353,640	1,887,520	21,126	784,580	6,374,800	1,583,120
Ontario.....	28,812	1,217,966	9,594,600	1,450,700	28,072	1,599,280	9,230,520	1,638,560
Manitoba.....	2,040	440,170	1,883,840	1,340	1,680	372,940	1,551,340	3,000
Saskatchewan.....	2,618	561,420	2,497,760	-	1,964	433,880	1,831,140	-
Alberta.....	5,033	1,087,480	4,353,120	1,000	3,643	818,780	3,232,000	960
British Columbia.....	4,996	725,750	975,420	493,780	5,166	784,220	1,299,980	468,440
<b>Total Canada.....</b>	<b>106,774</b>	<b>9,017,246</b>	<b>34,641,040</b>	<b>9,557,540</b>	<b>101,077</b>	<b>8,844,000</b>	<b>31,964,880</b>	<b>9,861,660</b>
Exported from Canada.....	*	400,450,320	19,213,160	750,000	*	103,171,070	16,622,580	400,040
<b>Grand Total.....</b>	<b>361,643</b>	<b>109,467,606</b>	<b>53,854,200</b>	<b>10,307,540</b>	<b>-</b>	<b>112,015,070</b>	<b>48,587,460</b>	<b>10,261,700</b>

\* Not available for publication.

**VII.—Reporting Companies**

Nature of Trade*	Names	Addresses
d.	Agricultural and Horticultural Supplies Ltd.....	631 Seymour St., Vancouver, B.C.
m.m.f.; i.	Agricultural Chemicals, Ltd.....	Port Hope, Ont.
d.	Aldershot Distributing Co-op. Co. Ltd.....	Aldershot, Ont.
m.s.a.; e.	Algoma Steel Corporation, Ltd.....	Sault Ste. Marie, Ont.
d.	Brackman-Kerr Milling Co.....	Box 920, New Westminster, B.C.
m.m.f.; i.	Buckerfield's, Limited.....	Vancouver, B.C.
m.o.; e.	Burns, P. and Company.....	Calgary, Alta.
m.o.; e.	"	Edmonton, Alta.
m.o.	"	Regina, Sask.
m.o.; e.	"	Winnipeg, Man.
m.m.f.; o.; i.	"	Vancouver, B.C.
m.m.f.; o.; i.	Canada Packers Limited.....	West Toronto, Ont.
m.m.f.; i.	"	Montreal, Que.
m.m.f.; i.; e.	"	St. John, N.B.
m.m.f.; s.p.; i.; e.	Canadian Industries, Limited.....	Montreal, Que., Plants at Halifax, N.S., Belœil, Que., Hamilton, Ont., and New Westminster, B.C.
d.; i.	Case, A. H.....	Buffalo, N.Y., U.S.A.
m.m.f.; i.	Chase, Geo. A.....	Port Williams, N.S.
m.m.f.; i.; e.	Colonial Fertilizer Works.....	Windsor, N.S.
m.a.p.; s.p.; s.a.; e.; i.	Consolidated Mining & Smelting Co. of Canada, Ltd.	Trail, B.C.



### VII.—Reporting Companies—Concluded

Nature of Trade*	Names	Addresses
m.o.; e.	Consolidated Whaling Corp.....	Victoria, B.C.
m.s.a.	Dominion Steel & Coal Corp. Ltd.....	Sydney, N.S.
m.o.; e.	Dumart's Limited.....	Kitchener, Ont.
m.o.	Gainers Limited.....	South Edmonton, Alta.
i.	George, W. J. Company.....	120 King St. E., Toronto.
m.m.f.o.; i.	The Globe Fertilizer Co.....	Vancouver, B.C.
i.	Grosc Fertilizers and Chemicals Ltd.....	West Toronto, Ont.
m.s.a.	Hamilton By-Product Coke Ovens, Ltd.....	Hamilton, Ont.
m.o.	Harris W. Co., Limited.....	200 Keating St., Toronto, Ont.
	International Agricultural Corp.....	708 Stock Exchange Bldg., Buffalo, N.Y., U.S.A.
m.m.f.; i.	International Fertilizers, Ltd.....	71 St. Peter St., Quebec, Que.
m.m.f.; i.; e.	" " "	Saint John, N.B.
m.m.f.; i.; e.	Island Fertilizer Co., Ltd.....	Charlottetown, P.E.I.
d.	King Calcium Products.....	Campbellville, Ont.
d.	MacDonald, Kenneth & Sons.....	Ottawa, Ont.
d.; i.	Manchester Products.....	Galt, Ont.
m.m.f.; m.o.	Marquis (Estate F. Canac Marquis).....	3 rue Courcellette, Quebec, Que.
	Milwaukee Sewerage Commission.....	Milwaukee, Wis., U.S.A.
d.	Mineral Colloids (Canada) Ltd.....	137 Wellington St. W., Toronto.
m.m.f.	Misner, J. H. Ltd.....	Port Dover, Ont.
m.s.a.	Montreal Coke Manufacturing Co.....	P.O. Box 1660, Montreal, Que.
m.o.; e.	Nelson Bros. Fisheries, Ltd.....	Vancouver, B.C.
d.	New Brunswick Agricultural Societies.....	East Centreville, N.B.
m.e.; e.; i.	North American Cyanamid Co.....	Niagara Falls, Ont.
i.	Potash Company of Canada.....	814 Royal Bank Bldg., Montreal, Que.
i.	Pulverized Manure Co.....	Chicago, U.S.A.
m.m.f.	Rotoh Products Limited.....	Vancouver, B.C.
m.m.f.	Saguenay Fertilizer Company.....	Chicoutimi, Que.
m.o.	Schneiders Limited, J. M.....	321 Courtland Ave. E., Kitchener, Ont.
m.m.f.; i.	Scottish Fertilizers Ltd.....	Welland, Ont.
m.s.a.	Steel Company of Canada, Ltd.....	Hamilton, Ont.
m.m.f.; i.	Stone, Wm. and Sons, Limited.....	Ingersoll, Ont.
m.m.f.; i.; e.	Summers Fertilizer Co., Ltd.....	St. Stephen, N.B.
m.m.o.	Swift Canadian Company, Limited.....	Keele & St. Clair, West Toronto, Ont.
m.m.f.; i.	Toronto Chemical & Fertilizer Co.....	248 Keel St., Toronto, Ont.
m.o.; m.m.f.	Union Packing Company Ltd.....	P.O. Box 159, Calgary, Alta.
m.m.f.; i.	United Farmers' Co-operative Co., Limited.....	Toronto, Ont.
d.; i.	Witts Fertilizer Works.....	Norwich, Ont.
m.m.f.; i.	Young, Gordon.....	166 Keating St., Toronto, Ont.

\*m.—Manufacturing.

m.a.p.—Manufacturing ammonium phosphate.

m.c.—Manufacturing cyanamide.

m,m,f.—Manufacturing mixed fertilizers.

m.o.—Manufacturing organics.

m.s.a.—Manufacturing sulphate of ammonia.

m.s.p.—Manufacturing superphosphate.

e.—Exports.

i.—Imports.

d.—Dealer.

## CROP STATISTICS OF OTHER COUNTRIES

## WORLD'S WHEAT PRODUCTION

The following table, from the International Crop Report of February, 1940, gives the world's wheat production by continents in 1939 as compared with 1938 and with the five-year averages 1923-27, 1928-32 and 1933-37.

I.—World's Wheat Production by Continents<sup>1</sup>

(million bushels)

Year	Europe	North America	South America	Asia	Africa	Oceania	Total	U.S.S.R.
1938.....	1,829	1,295	400	680	140	160	4,504	1,494
1939.....	1,665	1,260	180	683	170	220	4,178	-
Averages:								
1923-27.....	1,244	1,210	277	497	108	143	3,480	677
1928-32.....	1,429	1,288	290	535	128	189	3,859	797
1933-37.....	1,580	901	278	581	133	166	3,639	1,206

<sup>1</sup> Excluding U.S.S.R., China, Iran and Iraq.

## II.—Exports and Imports of Wheat and Flour for the Principal Countries of the World, August 1 to December 31, 1938 and 1939

Wheat	Five months August 1-December 31		Flour	Five months August 1-December 31	
	1938	1939		1938	1939
	000 bu.	000 bu.		000 bbl.	000 bbl.
<b>Exports—</b>			<b>Exports—</b>		
United States.....	25,810	12,183	United States.....	2,306	2,918
Canada.....	81,146	97,811	Canada.....	1,978	2,715
Argentina.....	20,281	77,211	Argentina.....	410	475
Australia.....	18,136	5,915 <sup>2</sup>	Australia.....	2,820	1,703 <sup>3</sup>
Hungary.....	13,017	22,856	India.....	308	307
Bulgaria.....	-	2,941	Hungary.....	208	508
Yugoslavia.....	4,034	6,515			
<b>Imports—</b>			<b>Imports—</b>		
Germany.....	25,452	-	Germany.....	41	-
Belgium.....	13,612	15,762 <sup>1</sup>	Austria.....	61	-
France.....	7,194	-	Denmark.....	121	49
United Kingdom.....	84,411	-	Finland.....	146	25 <sup>4</sup>
Irish Free State.....	7,333	1,035 <sup>4</sup>	United Kingdom.....	1,840	-
Italy.....	4,084	-	Irish Free State.....	25	3 <sup>4</sup>
Netherlands.....	11,699	9,976	Norway.....	252	278
Sweden.....	1,174	383 <sup>3</sup>	Netherlands.....	307	445
Switzerland.....	8,250	9,525			
Czechoslovakia.....	651	-			

<sup>1</sup> Up to November 30.<sup>2</sup> Up to October 31.<sup>3</sup> Up to September 30.<sup>4</sup> Up to August 31.

# METEOROLOGICAL RECORDS FOR FEBRUARY, 1940

The records of temperature, precipitation and sunshine at the Dominion Experimental Farms and Stations for the month of February are given in the following table:—

Experimental Farm or Station	Degree of Temperature (F)			Total Precipitation in inches	Total Hours of Bright Sunshine	
	High	Low	Mean		Possible	Actual
Ottawa, Ont.	38	-17	13.0	1.73	303	131.0
Charlottetown, P.E.I.	41	-5	18.8	2.79	300	130.6
Kentville, N.S.	46	-10	20.7	1.99	303	117.8
Nappan, N.S.	44	-15	17.3	2.05	303	121.1
Fredericton, N.B.	42	-18	17.1	2.24	301	168.1
Ste. Anne de la Pocatière, Que.	32	-11	12.5	2.00	299	159.7
Cap Rouge, Que.	39	-12	14.4	1.70	298	137.4
Lennoxville, Que.	41	-30	12.1	1.67	303	100.1
Farnham, Que.	36	-27	9.8	1.65	301	101.2
L'Assomption, Que.	35	-25	11.4	1.37	300	125.5
Normandin, Que.	32	-29	3.5	0.63	295	148.2
Harrow, Ont.	38	10	27.4	2.37	306	78.8
Delhi, Ont.	42	-6	22.2	2.51	305	98.5
Kapuskasing, Ont.	32	-33	4.9	1.00	293	118.8
Morden, Man.	38	-21	13.0	1.80	296	66.2
Brandon, Man.	33	-30	9.1	1.15	294	74.3
Indian Head, Sask.	41	-27	8.2	1.17	293	80.3
Swift Current, Sask.	41	-20	13.0	0.77	292	92.8
Rosthern, Sask.	37	-35	7.7	0.30	285	90.8
Scott, Sask.	36	-39	7.4	0.89	287	82.1
Lacombe, Alta.	53	-25	12.6	0.37	289	92.1
Lethbridge, Alta.	48	-25	15.0	1.43	294	74.4
Manlyberries, Alta.	42	-12	12.1	1.28	293	72.9
Beaverlodge, Alta.	43	-17	13.1	0.71	280	67.2
Fort Vermilion, Alta.	27	-37	2.2	0.20	-	121.6
Windermere, B.C.	43	-1	24.8	1.17	293	62.7
Summerland, B.C.	50	20	34.2	1.23	294	57.6
Agassiz, B.C.	54	21	41.3	8.06	295	47.9
Sidney, Vancouver Island, B.C.	52	33	42.8	3.91	297	98.8

## WEATHER OF THE YEAR 1939

At Representative Stations, compared with Normal Annual Averages for a Period of Thirty Years or More

Station	Temperature Values of 1939							Precipitation						Sunshine	
								1939			Normal for 30 years or more				
	Mean Winter months	Mean Summer months	Mean annual	Highest	Lowest	Normal for 30 years or more	Rain	Snow	Total	Rain	Snow	Total	Total hours	Normal annual	
Victoria, B.C.	44.0	59.1	50.9	87	24	49.2	26.49	2.6	26.75	27.76	14.3	23.30	2,127	1,957	
Vancouver, B.C.	43.4	61.9	51.6	87	19	49.5	65.44	14.5	66.89	51.49	31.1	54.60	1,700	1,813	
Kamloops, B.C.	34.4	67.4	49.6	107	-16	47.1	7.60	25.5	10.15	7.26	29.9	10.25	2,299	2,091	
Calgary, Alta.	25.0	57.7	39.8	94	-42	38.5	13.85	52.3	19.08	11.93	47.1	16.64	2,218	2,229	
Edmonton, Alta.	19.2	59.4	37.9	92	-44	36.6	12.10	61.7	18.27	12.64	44.7	17.11	2,168	2,145	
Battleford, Sask.	11.4	62.3	35.8	100	-45	33.2	8.19	31.2	11.31	10.70	27.3	13.43	-	-	
Prince Albert, Sask.	9.9	62.0	34.6	96	-42	32.7	8.63	55.6	14.19	11.31	45.6	16.87	-	-	
Qu'Appelle, Sask.	14.4	62.5	37.2	96	-41	35.0	10.96	45.7	15.53	12.81	56.6	18.47	*2,436	*2,375	
Minnedosa, Man.	12.9	62.9	36.4	97	-44	33.8	11.67	19.9	13.66	12.39	45.5	16.94	-	-	
Winnipeg, Man.	11.8	65.7	37.0	100	-38	34.7	13.94	25.6	16.50	15.49	51.0	20.59	2,112	2,122	
Port Arthur, Ont.	16.5	59.9	35.9	85	-33	36.2	16.52	83.5	24.87	19.39	39.7	23.36	-	-	
Perry Sound, Ont.	22.4	66.6	42.1	90	-27	41.4	26.07	139.0	39.97	26.77	122.1	38.98	-	-	
Southampton, Ont.	26.5	65.2	43.6	91	-9	43.3	27.32	96.4	30.96	23.68	112.6	34.94	-	-	
Toronto, Ont.	29.2	69.8	47.1	93	-9	44.4	20.74	99.7	27.71	26.02	63.1	32.33	2,103	2,062	
Kingston, Ont.	24.4	66.9	43.4	91	-21	43.7	21.44	84.1	29.85	26.55	63.9	32.94	-	-	
Pembroke, Ont.	19.8	68.0	41.9	95	-27	40.1	22.85	64.4	29.29	25.75	82.5	34.00	-	-	
Ottawa, Ont.	17.9	66.7	39.9	93	-27	41.5	27.03	104.2	37.45	24.71	96.3	34.34	1,982	2,014	
Montreal, Que. (St. Hubert Airport)	10.9	67.7	41.3	91	-18	42.1	25.97	109.9	36.96	29.42	89.4	38.36	1,698	1,829	
Sherbrooke, Que.	20.1	66.4	40.8	91	-23	40.7	31.34	114.3	42.77	26.21	101.2	36.33	1,906	1,789	
Quebec, Que.	18.2	66.6	39.9	90	-18	39.1	34.02	162.3	50.85	29.39	128.6	42.25	1,708	1,765	
Father Point, Que.	23.0	56.8	35.6	80	-16	35.5	23.92	86.8	32.00	22.82	111.6	33.98	-	-	
Chatham, N.B.	19.4	64.8	39.1	86	-21	40.1	23.01	77.8	30.79	29.99	109.4	40.93	-	-	
Fredericton (University N.B.)	20.4	65.3	40.4	93	-19	40.5	27.44	99.4	37.38	33.02	97.5	42.77	2,007	1,956	
Saint John, N.B.	25.0	61.8	41.5	84	-8	41.2	40.24	97.1	49.95	36.28	77.5	44.03	2,070	1,869	
Yarmouth, N.S.	31.3	60.7	44.1	82	6	43.9	35.61	113.1	46.92	39.92	78.4	46.86	-	-	
Halifax, N.S.	28.6	64.6	44.3	87	5	43.8	49.29	74.0	56.69	47.94	73.4	55.28	-	-	
Sydney, N.S.	28.6	62.3	42.5	91	-3	42.2	35.68	68.6	42.54	39.91	98.4	49.75	-	-	
Charlottetown, P.E.I.	24.5	64.5	41.6	87	-5	41.9	31.84	108.5	42.69	30.22	111.9	41.41	2,051	1,832	

\* Sunshine for October and November for Regina.

JOHN PATTERSON,  
Controller, Meteorological Service of Canada,  
Department of Transport, Toronto.

## EXPORTS OF CANADIAN GRAIN, 1938-39 AND 1939-40

SOURCE: External Trade Branch, Dominion Bureau of Statistics

## I.—Exports of Wheat and Flour

Description	February		Seven months ended February	
	1939	1940	1939	1940
<b>Wheat—</b>				
To United States.....bu.	3,985	4,835	18,581,380	62,440,421
\$	4,755	3,993	10,584,226	45,043,547
To United Kingdom and 'orders'—				
via United States.....bu.	8,000	1,970,946	111,122	1,980,693
\$	5,041	1,730,263	64,331	1,740,296
via Canadian Atlantic Seaboard.....bu.	443,372	3,228,296	29,589,397	30,914,323
\$	314,452	3,021,008	20,673,136	24,576,584
via Canadian Pacific Seaboard.....bu.	3,397,035	661,021	18,812,281	5,460,515
\$	2,037,918	473,489	10,917,837	3,311,215
via Churchill.....bu.	—	—	916,912	1,772,459
\$	—	—	585,969	1,033,760
Total to United Kingdom and 'orders'.....bu.	3,848,407	5,960,263	49,429,712	40,128,000
\$	2,357,411	5,224,760	32,241,273	30,661,855
To Other Countries—				
via United States.....bu.	486,258	285,653	974,398	744,370
\$	326,520	243,589	634,496	611,303
via Canadian Atlantic Seaboard.....bu.	347,167	214,403	19,961,264	9,102,967
\$	240,621	192,031	12,861,813	6,553,587
via Canadian Pacific Seaboard.....bu.	1,060,516	133,083	5,824,865	2,350,649
\$	602,419	111,092	3,301,989	1,460,995
Total to Other Countries.....bu.	1,893,941	633,139	26,760,527	12,197,986
\$	1,169,560	546,712	16,798,298	8,625,885
<b>Total Wheat.....bu.</b>	<b>5,746,333</b>	<b>6,598,237</b>	<b>94,771,619</b>	<b>114,766,407</b>
\$	<b>3,531,726</b>	<b>5,775,465</b>	<b>59,623,797</b>	<b>81,331,287</b>
<b>Wheat Flour—</b>				
To United States.....bbl.	1,028	9,683	58,664	127,986
\$	2,620	23,696	121,589	297,821
To United Kingdom and 'orders'—				
via United States.....bbl.	821	53,169	2,570	179,897
\$	2,369	232,206	8,120	678,114
via Canadian Atlantic Seaboard.....bbl.	174,024	372,302	1,359,652	2,324,974
\$	516,831	1,378,961	4,550,590	7,640,386
via Canadian Pacific Seaboard.....bbl.	6,972	—	42,603	5,208
\$	21,424	—	137,629	16,375
Total to United Kingdom and 'orders'.....bbl.	181,817	425,471	1,404,825	2,510,079
\$	540,624	1,611,167	4,696,339	8,334,875
To Other Countries—				
via United States.....bbl.	18,427	28,979	197,457	245,408
\$	61,747	118,652	680,296	860,352
via Canadian Atlantic Seaboard.....bbl.	66,888	83,966	781,449	935,292
\$	213,922	340,368	2,855,325	3,234,253
via Canadian Pacific Seaboard.....bbl.	22,606	11,239	205,479	181,386
\$	68,031	41,817	703,366	549,956
Total to Other Countries.....bbl.	107,921	124,184	1,184,385	1,362,086
\$	343,700	500,837	4,238,987	4,644,561
<b>Total Wheat Flour.....bbl.</b>	<b>290,766</b>	<b>559,338</b>	<b>2,647,874</b>	<b>4,000,151</b>
\$	<b>886,944</b>	<b>2,135,700</b>	<b>9,056,915</b>	<b>13,277,257</b>
<b>Total Exports of Wheat and Flour.....bu.</b>	<b>7,054,780</b>	<b>9,115,258</b>	<b>106,687,652</b>	<b>132,767,087</b>
\$	<b>4,418,670</b>	<b>7,911,165</b>	<b>68,680,712</b>	<b>97,608,544</b>

NOTE.—On the average, one barrel of flour equals  $4\frac{1}{2}$  bushels of wheat.

## II.—Exports of Barley, Oats and Rye

Grain	February		Seven months ended February	
	1939	1940	1939	1940
Barley.....bu.	646,074	443,189	12,317,405	11,375,107
\$	303,364	295,867	5,198,867	5,654,054
Oats.....bu.	452,978	973,348	5,422,807	8,639,700
\$	145,994	517,005	1,738,770	3,458,427
Rye.....bu.	—	—	836,947	2,957,968
\$	—	—	371,254	1,711,492



# VISIBLE SUPPLIES, INSPECTIONS AND SHIPMENTS OF CANADIAN GRAIN

## I.—Quantities of Grain in Store during March, 1939 and 1940

Distribution	Durum Wheat	Other Wheat	Oats	Barley	Flaxseed	Rye
	bu.	bu.	bu.	bu.	bu.	bu.
Week ended March 1, 1940						
In Elevators—						
Western country.....	2,745,000	117,290,000	4,870,000	2,835,000	300,000	1,315,000
Interior private and mill.....	14,000	6,675,000	1,260,000	2,344,000	78,000	99,000
Interior public and semi-public terminal.....	614	16,049,035	197,849	2,750	98	2,465
Vancouver-New Westminster.....	—	15,671,945	238,583	263,405	—	8,738
Victoria.....	—	807,644	—	—	—	—
Prince Rupert.....	—	1,136,107	—	—	—	—
Churchill.....	—	2,484,585	—	—	—	—
Fort William and Port Arthur.....	2,735,122	74,298,801	2,162,600	1,129,165	277,872	1,099,542
Eastern.....	4,123,667	42,619,130	1,896,206	749,762	1,932	343,979
U.S. Lake ports.....	25,000	8,031,196	776,000	996,000	—	331,000
U.S. Atlantic seaboard ports.....	2,299,000	17,400,798	84,000	548,000	—	573,000
In transit rail.....	—	5,438,560	1,203,004	510,966	9,840	66,271
Total.....	11,942,403	307,902,801	12,688,242	9,379,048	667,742	3,838,995
Total same period 1939.....	12,472,447	134,222,516	8,643,617	6,304,115	176,952	2,149,346
Week ended March 8, 1940						
In Elevators—						
Western country.....	2,730,000	117,295,000	4,965,000	2,870,000	304,000	1,320,000
Interior private and mill.....	16,000	6,738,000	1,173,000	2,416,000	77,000	99,000
Interior public and semi-public terminal.....	464	16,036,437	174,200	5,481	98	2,847
Vancouver-New Westminster.....	—	15,816,989	205,488	263,789	—	8,738
Victoria.....	—	567,200	—	—	—	—
Prince Rupert.....	—	1,136,049	—	—	—	—
Churchill.....	—	2,484,585	—	—	—	—
Fort William and Port Arthur.....	2,735,470	75,270,288	2,320,989	1,169,870	281,339	1,119,599
Eastern.....	3,540,689	39,619,075	2,000,705	815,039	1,932	333,748
U.S. Lake ports.....	25,000	7,666,224	723,000	991,000	—	331,000
U.S. Atlantic seaboard ports.....	2,277,000	16,414,245	70,000	420,000	—	568,000
In transit rail.....	—	7,192,462	1,031,410	545,205	7,926	40,692
Total.....	11,324,623	306,236,554	12,753,792	9,496,384	672,295	3,823,624
Total same period 1939.....	12,314,257	132,783,984	8,840,596	6,471,700	187,059	2,177,486
Week ended March 15, 1940						
In Elevators—						
Western country.....	2,740,000	117,650,000	5,065,000	2,910,000	307,000	1,357,000
Interior private and mill.....	14,000	6,617,000	1,143,000	2,424,000	71,000	102,000
Interior public and semi-public terminal.....	464	16,007,405	157,697	4,811	98	2,838
Vancouver-New Westminster.....	—	15,699,040	204,465	263,789	—	8,442
Victoria.....	—	567,200	—	—	—	—
Prince Rupert.....	—	1,136,049	—	—	—	—
Churchill.....	—	2,484,585	—	—	—	—
Fort William and Port Arthur.....	2,737,650	75,920,440	2,397,688	1,306,247	279,170	1,146,471
Eastern.....	3,293,998	36,764,266	1,799,641	796,040	—	338,692
U.S. Lake ports.....	25,000	7,336,224	716,000	973,000	—	196,000
U.S. Atlantic seaboard ports.....	2,534,990	15,784,750	—	420,000	—	568,000
In transit rail.....	—	7,967,853	1,116,793	701,998	10,910	76,618
Total.....	11,346,102	303,934,812	12,600,284	9,799,885	668,178	3,796,061
Total same period 1939.....	12,317,766	130,429,902	9,232,852	6,678,701	189,175	2,185,202
Week ended March 22, 1940						
In Elevators—						
Western country.....	2,780,000	117,870,000	5,080,000	2,865,000	310,000	1,404,000
Interior private and mill.....	13,000	6,701,000	1,128,000	2,406,000	64,000	88,000
Interior public and semi-public terminal.....	464	16,007,652	145,549	4,817	98	2,839
Vancouver-New Westminster.....	—	15,791,366	203,583	260,983	—	8,442
Victoria.....	—	567,200	—	—	—	—
Prince Rupert.....	—	1,136,049	—	—	—	—
Churchill.....	—	2,484,585	—	—	—	—
Fort William and Port Arthur.....	2,741,856	76,500,828	2,580,788	1,440,072	281,416	1,157,093
Eastern.....	3,279,475	35,698,150	1,690,330	787,291	—	334,453
U.S. Lake ports.....	25,000	6,918,224	512,000	958,000	—	331,000
U.S. Atlantic seaboard ports.....	2,770,609	15,048,457	—	445,606	—	568,003
In transit rail.....	—	6,874,093	1,306,287	842,791	11,579	99,026
Total.....	11,610,404	301,597,604	12,646,537	10,010,560	667,093	3,992,856
Total same period 1939.....	12,143,679	130,107,433	9,420,334	6,721,037	182,970	2,186,578
Week ended March 29, 1940						
In Elevators—						
Western country.....	2,785,000	118,130,000	4,940,000	2,800,000	315,000	1,418,000
Interior private and mill.....	12,000	6,633,000	1,130,000	2,390,000	61,000	87,000
Interior public and semi-public terminal.....	1,789	15,983,101	142,237	7,246	98	2,773
Vancouver-New Westminster.....	—	15,747,051	203,045	260,189	—	8,442
Victoria.....	—	568,704	—	—	—	—
Prince Rupert.....	—	1,136,049	—	—	—	—
Churchill.....	—	2,484,585	—	—	—	—
Fort William and Port Arthur.....	2,759,196	77,012,563	2,737,914	1,647,898	284,336	1,173,413
Eastern.....	3,244,344	34,913,154	1,490,279	714,197	—	328,165
U.S. Lake ports.....	25,000	6,020,224	461,000	898,000	—	331,000
U.S. Atlantic seaboard ports.....	2,715,880	13,567,991	—	372,606	—	792,264
In transit rail.....	—	6,781,241	1,224,652	813,777	6,860	107,506
Total.....	11,543,209	299,177,663	12,329,127	9,903,913	667,294	4,248,563
Total same period 1939.....	11,937,451	128,956,142	9,586,549	6,775,338	170,872	2,214,061

## II.—Inspections in the Western Inspection Division and Shipments from Fort William-Port Arthur by Rail and Water, August 1 to March 31, 1939-39 and 1939-40

	Western Division	Wheat	Oats	Barley	Flaxseed	Rye
		bu.	bu.	bu.	bu.	bu.
INSPECTIONS.....	1938-39	222,072,268	16,661,290	19,092,516	577,093	1,381,132
	1939-40	265,356,208	24,842,308	18,681,088	1,072,049	3,628,958
SHIPMENTS.....	1938-39	106,366,848	8,478,297	12,008,902	587,655	958,838
	1939-40	141,202,060	14,579,488	13,468,626	624,064	3,201,436

## PRICES OF AGRICULTURAL PRODUCE

### I.—Weekly Average Cash Prices per Bushel of Canadian Grain at Winnipeg, Basis in Store Fort William-Port Arthur, March 1940, with Averages for the Month

Grain and Grade	Week ended					Monthly Average
	Mar. 2	Mar. 9	Mar. 16	Mar. 23	Mar. 30	
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Wheat—						
No. 1 Man. Hard.....	0 86½	0 87½	0 86½	0 87½	0 88½	0 87½
No. 1 Man. Northern.....	0 86½	0 87	0 86½	0 87½	0 87½	0 87
No. 2 Man. Northern.....	0 83½	0 84½	0 84½	0 85½	0 86	0 85
No. 3 Man. Northern.....	0 82½	0 83	0 82½	0 83½	0 83½	0 83
No. 4 Man. Northern.....	0 79½	0 80½	0 79½	0 80½	0 80½	0 80½
No. 5.....	0 73½	0 75½	0 75½	0 76½	0 77	0 75½
No. 6.....	0 69½	0 72½	0 72½	0 73	0 73½	0 72½
Feed.....	0 66½	0 68½	0 68½	0 69	0 69½	0 68½
No. 4 Special.....	0 79½	0 79½	0 79½	0 80½	0 80½	0 80
No. 5 Special.....	0 69½	0 72½	0 72½	0 73	0 73½	0 72½
No. 6 Special.....	0 67½	0 70½	0 70½	0 71	0 71½	0 70½
Tough—						
No. 1 Hard.....	0 83½	0 84½	0 83½	0 84½	0 85½	0 84½
No. 1 Northern.....	0 83½	0 84½	0 83½	0 84½	0 85½	0 84½
No. 2 Northern.....	0 81½	0 82	0 81½	0 82½	0 83½	0 82½
No. 3 Northern.....	0 79½	0 80½	0 79½	0 80½	0 81½	0 80½
Rejected—						
No. 1 Northern.....	0 79½	0 80½	0 79½	0 80½	0 81½	0 80½
No. 2 Northern.....	0 77½	0 78½	0 78½	0 79½	0 80	0 79
No. 3 Northern.....	0 76½	0 77	0 76½	0 77½	0 77½	0 77
Smutty—						
No. 1 Northern.....	0 81½	0 82	0 81½	0 82½	0 82½	0 82
No. 2 Northern.....	0 78½	0 79½	0 79½	0 80½	0 81	0 80
No. 3 Northern.....	0 77½	0 78	0 77½	0 78½	0 78½	0 78
No. 1 C.W. Garnet.....	0 79½	0 80½	0 80½	0 81	0 81½	0 80½
No. 2 C.W. Garnet.....	0 78½	0 79½	0 79½	0 80	0 80½	0 79½
No. 3 C.W. Garnet.....	0 76½	0 78½	0 78½	0 79	0 79½	0 78½
No. 1 C.W. Amber Durum.....	0 80½	0 84½	0 84½	0 84½	0 84½	0 84½
No. 2 C.W. Amber Durum.....	0 77½	0 80½	0 79½	0 80	0 80½	0 79½
No. 3 C.W. Amber Durum.....	0 76½	0 79½	0 78½	0 79½	0 79½	0 79½
Oats—						
No. 2 C.W.....	0 40	0 30½	0 33½	0 37½	0 38½	0 38½
No. 3 C.W.....	0 36½	0 36½	0 35½	0 35½	0 36½	0 36½
No. 1 Feed.....	0 35½	0 35½	0 34½	0 34½	0 35½	0 35½
No. 2 Feed.....	0 34	0 34½	0 33½	0 32½	0 33½	0 33½
No. 3 Feed.....	0 31½	0 31½	0 30½	0 30	0 30½	0 30½
Barley—						
No. 1 C.W. Six-Row.....	0 54½	0 54½	0 52½	0 52½	0 53½	0 53½
No. 2 C.W. Six-Row.....	0 54½	0 54½	0 52½	0 52½	0 53	0 53½
No. 3 C.W. Six-Row.....	0 52½	0 52½	0 50½	0 50½	0 51½	0 51½
No. 1 C.W. Two-Row.....	0 55½	0 55½	0 53½	0 53½	0 54½	0 54½
No. 2 C.W. Two-Row.....	0 55½	0 55½	0 53½	0 53½	0 54½	0 54½
No. 1 Feed.....	0 49½	0 48½	0 47½	0 48½	0 50	0 48½
No. 2 Feed.....	0 48½	0 48½	0 46½	0 47½	0 49½	0 48½
No. 3 Feed.....	0 48½	0 47½	0 46½	0 47	0 48½	0 47½
Rye—						
No. 2 C.W.....	0 70½	0 71½	0 69½	0 69½	0 71½	0 70½
No. 3 C.W.....	0 66	0 66½	0 64½	0 64½	0 66½	0 65½
No. 4 C.W.....	0 62½	0 62½	0 60½	0 60½	0 62½	0 61½
C.W. Ergot.....	0 59½	0 59½	0 57½	0 57½	0 59½	0 58½
Rejected No. 2 C.W.....	0 61½	0 61½	0 59½	0 59½	0 61	0 60½
Flaxseed—						
No. 1 C.W.....	1 93½	1 98½	2 04½	2 04½	2 12½	2 04½
No. 2 C.W.....	1 89½	1 94½	2 00½	2 00½	2 09½	2 00½
No. 3 C.W.....	1 77	1 82½	1 87½	1 87	1 97½	1 87½
No. 4 C.W.....	1 72	1 77½	1 82½	1 82	1 89	1 82

## II.—Average Weekly Prices per Bushel of Grain in the United States, 1939 and 1940

SOURCE: Bureau of Agricultural Economics, U.S. Department of Agriculture

Description	Week ended													
	Nov. 4	Nov. 11	Nov. 18	Nov. 25	Dec. 9	Dec. 16	Dec. 23	Dec. 30	Jan. 6	Jan. 13	Jan. 20	Jan. 27	Feb. 3	
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	
Wheat, No. 2 Red—														
Winter—														
Chicago.....	—	—	0 94	—	1 01	—	1 09	1 07	1 10	—	—	—	1 02	
St. Louis.....	0 92	0 93	0 91	0 91	0 97	1 05	1 09	1 05	1 09	1 04	1 03	1 05	1 01	
Corn, No. 2—														
Yellow—														
Chicago.....	0 50	0 50	0 50	0 52	0 56	0 56	0 58	0 58	0 59	0 59	0 60	0 59	0 58	
St. Louis.....	0 50	0 51	0 50	0 52	0 56	0 57	0 59	0 59	0 60	0 59	0 60	0 59	0 58	
Oats, No. 3—														
White—														
Chicago.....	0 38	0 38	0 38	0 39	0 41	0 41	0 41	0 41	0 42	0 43	0 42	0 42	0 42	
St. Louis—	—	0 40	0 41	0 42	0 42	0 42	0 43	0 42	0 44	0 43	0 43	0 43	0 43	
Rye, No. 2—														
Chicago.....	0 58	0 58	0 56	0 57	0 62	—	—	—	—	0 72	0 72	—	—	

## III.—Average Monthly Prices of Flour, Bran and Shorts at Principal Markets, 1939 and 1940

SOURCE: Montreal and Toronto, Dealers' Quotations; Winnipeg, Minneapolis and Duluth, The Northwestern Miller

Market and Grade	September	October	November	December	Jan., 1940	February	March
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Montreal—							
Flour, first patents. per bbl.*	5 56	5 40	5 42	6 00	5 75 <sup>1</sup>	5 73 <sup>1</sup>	5 93 <sup>1</sup>
Flour, Ont., delivered							
Montreal..... per bbl.	4 22	3 65	3 38	3 80	4 08	3 85	4 23
Bran..... per ton	26 57	23 33	24 73	25 45	25 90	25 50	25 50
Shorts..... per ton	27 93	24 67	25 73	26 45	26 30	25 50	25 50
Toronto—							
Flour, first patents							
(gute bags)..... per bbl.*	5 56	5 40	5 42	6 00	5 75 <sup>1</sup>	5 73 <sup>1</sup>	5 93 <sup>1</sup>
Flour, first patents							
(cotton bags)..... per bbl.	5 86	5 70	5 72	6 30	5 85	5 83	6 03
Bran..... per ton	25 75	23 40	25 25	25 00	26 60	26 00	26 00
Shorts..... per ton	27 00	24 80	24 25	26 00	27 00	26 00	26 00
Winnipeg—							
Flour..... per bbl.	5 43	5 32	5 30	5 70	5 74	5 78	5 88
Bran..... per ton	22 50	22 20	23 25	23 00	23 50	24 00	24 00
Shorts..... per ton	23 50	24 20	23 25	24 00	24 50	25 00	25 00
Vancouver—							
Flour, first patents (cotton							
bags)..... per bbl.*	6 08	5 82	5 80	6 48	6 55	6 54	6 68
Minneapolis—							
Flour..... per bbl.	6 20-6 25	6 02-6 16	6 18-6 29	6 55-6 68	6 04-6 32	5 54-5 78	5 58-5 83
Bran..... per ton	21 13-21 87	18 70-18 90	21 13-21 38	20 63-20 88	21 20-21 40	21 75-22 00	22 31-22 69
Shorts..... per ton	22 25-22 75	18 70-18 90	21 19-21 38	20 63-20 88	20 80-21 10	21 06-21 38	21 38-21 88
Duluth—							
Flour..... per bbl.	5 80	5 54	5 40	5 81	5 88	5 95	6 00

NOTE.—The ton=2,000 lb. and the barrel=196 lb.

\*Carload lots—Montreal rate points.

<sup>1</sup>The new basis for quotations is wholesale large lots. To make the old series comparable, 30 cents should be deducted from the quotations for previous months, which were retail large lots.



#### IV.—Weighted Average Monthly Prices per cwt. of Live Stock at Principal Canadian Markets, 1939 and 1940

SOURCE: Market Information Service, Dominion Department of Agriculture.

Market	Cattle			Calves			Hogs			Sheep and Lambs		
	Feb. 1940	Mar. 1940	Mar. 1939	Feb. 1940	Mar. 1940	Mar. 1939	Feb. 1940	Mar. 1940	Mar. 1939	Feb. 1940	Mar. 1940	Mar. 1939
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Montreal.....	517	541	505	885	890	612	917	918	958	765	733	680
Toronto.....	616	623	586	1,061	971	844	893	894	922	964	1,044	844
Winnipeg.....	558	556	503	772	784	633	871	866	899	818	850	769
Calgary.....	537	566	514	685	688	557	840	845	887	775	687	651
Edmonton.....	512	531	476	726	726	630	835	844	867	736	722	676
Moose Jaw.....	530	502	467	639	639	488	820	809	882	780	—	585

#### V.—Average Prices per Cwt. of Live Stock at Chicago, U.S.A., 1940

SOURCE: Bureau of Agricultural Economics, U.S. Department of Agriculture

Description	Week ended											
	Feb. 3	Feb. 10	Feb. 17	Feb. 24	Mar. 2	Monthly Average	Mar. 9	Mar. 16	Mar. 23	Mar. 30	Monthly Average	
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Beef cattle—												
Steers, choice: 1,300-1,500 lb.....	10 72	10 58	10 60	11 22	11 20	10 90	11 72	11 72	11 95	11 68	11 77	
1,100-1,300 lb.....	11 12	11 02	11 00	11 60	11 58	11 30	11 85	11 95	12 08	11 85	11 93	
900-1,000 lb.....	11 40	11 25	11 25	11 70	11 82	11 50	12 12	12 10	12 15	11 92	12 07	
750- 900 lb.....	11 50	11 28	11 25	11 70	11 82	11 51	12 12	12 12	12 15	11 92	12 08	
Heifers, choice, 750-900 lb.....	10 30	10 18	10 20	10 35	10 42	10 29	10 42	10 40	10 50	10 28	10 40	
Veal calves, choice.....	11 25	10 63	10 55	10 65	10 80	10 66	10 72	10 90	10 38	9 78	10 44	
Sheep—												
Lambs, good and choice.....	9 06	8 92	9 29	9 08	9 88	9 44	10 26	10 02	10 01	10 11	10 10	
Hogs—												
Average cost, all packer and shipper purchases.....	5 23	5 10	5 19	5 09	5 08	5 12	5 14	5 02	5 05	5 04	5 07	
Good and choice, 180-200 lb.....	5 56	5 46	5 53	5 46	5 41	5 46	5 44	5 32	5 30	5 22	5 32	
Medium, 160-220 lb.....	5 16	4 89	4 94	4 91	4 90	4 91	4 94	4 82	4 82	4 74	4 83	

## VI.—Average Monthly Prices per cwt. of Live Stock at Principal Canadian Markets, 1939 and 1940

Source: Market Information Service, Dominion Department of Agriculture

Classification	Dec.	Jan. 1940	Feb.	Mar.	Classification	Dec.	Jan. 1940	Feb.	Mar.
	\$ c.	\$ c.	\$ c.	\$ c.		\$ c.	\$ c.	\$ c.	\$ c.
<b>Montreal—</b>					<b>Calgary—</b>				
Steers, up to 1,050 lb..... good	7 66	7 56	7 48	7 38	Steers, up to 1,050 lb..... good	6 20	6 34	6 11	6 35
medium	6 86	6 75	6 90	6 84	medium	5 55	5 75	5 64	5 85
common	5 67	5 56	5 43	5 58	common	4 91	5 02	5 08	5 27
Steers, over 1,050 lb..... good	7 62	7 57	7 46	7 38	Steers, over 1,050 lb..... good	6 17	6 22	5 98	6 28
medium	6 84	6 72	6 91	6 78	medium	5 51	5 68	5 54	5 77
common	5 45	5 23	4 92	4 98	common	4 79	5 00	5 06	5 28
Heifers..... good	6 40	6 40	6 52	7 00	Heifers..... good	5 78	6 25	6 12	6 22
medium	5 57	5 61	5 46	6 59	medium	5 24	5 65	5 62	5 62
Calves, fed..... good	8 63	-	8 33	-	Calves, fed..... good	6 44	6 60	6 50	6 60
medium	-	-	7 50	7 45	medium	6 10	6 25	6 25	6 26
Calves, veal... good and choice	11 06	11 75	11 13	10 74	Calves, veal... good and choice	6 98	7 59	8 49	8 57
common and medium	10 00	10 52	9 73	8 92	common and medium	5 56	5 81	6 19	6 25
Cows..... good	5 45	5 43	5 46	5 60	Cows..... good	4 22	4 49	4 28	5 24
medium	4 69	4 66	4 72	4 95	medium	3 68	4 08	3 85	4 10
Bulls..... good	5 44	5 58	5 59	5 60	Bulls..... good	4 20	4 44	4 30	4 37
Hogs..... selects	9 78	9 91	9 83	9 87	Stock and feeder steers... good	5 71	5 65	5 57	5 69
bacon	9 28	9 41	9 33	9 37	common	4 79	5 00	4 83	5 06
butchers	8 73	8 86	8 78	8 82	Stock cows and heifers.... good	4 71	4 62	5 00	5 29
heavies	8 28	8 41	8 33	8 37	common	3 75	-	-	-
lights and feeders	9 26	8 40	8 40	8 41	Hogs..... selects	8 61	8 89	8 90	8 98
Lambs..... good handyweights	10 02	9 66	-	8 92	bacon	8 11	8 39	8 40	8 48
Sheep..... good handyweights	5 16	5 27	5 85	5 95	butchers	7 11	7 39	7 40	7 48
					heavies	6 09	6 38	6 40	6 49
					lights and feeders	8 48	8 75	9 10	9 22
					Lambs.... good handyweights	8 30	8 67	8 20	8 48
<b>Toronto—</b>					<b>Edmonton—</b>				
Steers, up to 1,050 lb..... good	7 48	7 47	7 17	7 23	Steers, up to 1,050 lb..... good	6 06	6 32	6 00	6 00
medium	6 95	7 10	6 83	6 89	medium	5 48	5 72	5 50	5 50
common	6 05	6 52	6 29	6 37	common	4 47	4 75	4 50	4 59
Steers, over 1,050 lb..... good	7 34	7 37	7 18	7 19	Steers, over 1,050 lb..... good	6 05	6 15	5 75	5 75
medium	6 80	7 09	6 87	6 88	medium	5 54	5 75	5 25	5 25
common	6 18	6 68	6 43	6 47	common	4 15	4 75	-	-
Heifers..... good	7 40	7 47	7 18	7 20	Heifers..... good	5 58	5 75	5 75	5 75
medium	6 80	7 11	6 83	6 86	medium	5 03	5 25	5 25	5 25
Calves, fed..... good	8 13	8 39	8 19	8 13	Calves, fed..... good	6 25	6 35	6 25	6 25
medium	7 61	7 98	7 50	7 40	medium	5 75	5 75	5 75	5 75
Calves, veal... good and choice	10 75	12 49	11 87	10 85	Calves, veal... good and choice	8 43	8 75	9 07	8 80
common and medium	8 39	10 06	9 30	8 53	common and medium	6 75	7 06	6 50	6 38
Cows..... good	5 11	5 18	5 15	5 37	Cows..... good	4 29	4 45	4 17	4 25
medium	4 45	4 71	4 61	4 77	medium	3 55	3 95	3 75	3 75
Bulls..... good	5 24	5 70	5 31	5 38	Bulls..... good	3 82	4 25	4 04	4 25
Stock and feeder steers... good	6 76	6 71	6 32	6 42	Stock and feeder steers... good	5 25	5 25	5 25	5 42
common	5 94	6 08	5 84	5 76	common	4 37	4 68	5 25	-
Hogs..... selects	9 44	9 57	9 50	9 53	Stock cows and heifers... good	3 88	4 21	4 00	4 00
bacon	8 94	9 07	9 00	9 03	Hogs..... selects	8 61	8 92	8 97	9 00
butchers	8 39	8 52	8 45	8 48	bacon	8 11	8 42	8 47	8 50
heavies	7 94	8 07	8 00	8 03	butchers	7 13	7 43	7 47	7 50
lights and feeders	8 24	8 37	8 30	8 33	heavies	6 09	6 43	6 47	6 50
Lambs..... good handyweights	10 48	10 63	10 06	10 79	lights and feeders	6 10	6 41	6 47	6 50
common, all weights	8 40	8 79	7 88	8 15	Lambs.... good handyweights	8 08	8 26	8 35	8 35
Sheep..... good handyweights	5 00	6 11	5 96	6 17	common, all weights	6 75	7 58	7 00	7 60
					Sheep..... good handyweights	5 00	4 56	4 75	4 75
<b>Winnipeg—</b>					<b>Moose Jaw—</b>				
Steers, up to 1,050 lb..... good	6 44	6 65	6 22	6 32	Steers, up to 1,050 lb..... good	5 65	5 98	5 86	5 55
medium	5 70	5 98	6 58	5 72	medium	5 08	5 37	5 26	-
common	4 86	5 10	4 85	4 88	common	-	-	-	-
Steers, over 1,050 lb..... good	6 09	6 53	6 16	6 28	Steers, over 1,050 lb..... good	5 72	-	5 95	-
medium	5 74	5 86	5 54	5 73	medium	-	-	-	-
common	5 06	5 12	4 89	5 00	common	-	-	-	-
Heifers..... good	5 98	6 25	5 83	5 95	Heifers..... good	5 14	5 53	5 18	-
medium	5 18	5 50	5 07	5 22	medium	-	-	-	-
Calves, fed..... good	7 37	7 30	6 96	6 86	Calves, fed..... good	5 85	6 02	-	6 10
medium	6 37	6 30	6 12	6 12	medium	5 38	-	5 54	-
Calves, veal... good and choice	9 30	9 95	9 32	9 11	Calves, veal... good and choice	7 06	7 50	7 63	7 59
common and medium	6 58	7 07	6 62	6 87	common and medium	5 82	5 88	5 67	6 02
Cows..... good	4 77	4 91	4 58	4 99	Cows..... good	4 16	4 38	4 31	4 47
medium	3 96	4 25	3 95	4 31	medium	3 69	3 79	3 78	-
Bulls..... good	4 81	5 08	4 52	4 71	Bulls..... good	3 70	4 23	-	4 33
Stock and feeder steers... good	5 56	5 41	5 39	5 58	Stock and feeder steers... good	4 92	-	-	-
common	4 53	4 48	4 51	4 78	common	-	-	-	-
Stock cows and heifers... good	4 51	4 44	4 40	4 50	Stock cows and heifers... good	-	4 40	-	-
common	3 50	3 50	3 50	3 65	common	-	-	-	-
Hogs..... selects	8 99	9 11	9 10	9 10	Hogs..... selects	8 73	8 85	8 85	8 85
bacon	8 49	8 61	8 60	8 60	bacon	8 23	8 35	8 35	8 35
butchers	7 74	7 86	7 85	7 85	butchers	7 21	7 60	7 60	7 60
heavies	7 49	7 61	7 07	6 80	heavies	7 22	7 35	7 19	6 51
lights and feeders	8 79	8 97	9 00	8 84	lights and feeders	8 20	8 35	8 03	8 10
Lambs..... good handyweights	9 20	9 15	9 15	9 39	Lambs.... good handyweights	7 77	-	-	-
common, all weights	7 14	7 25	7 09	6 99					
Sheep..... good handyweights	4 25	4 24	4 21	-					

## VII.—Wholesale Prices of Produce at Principal Canadian Markets, 1940

Description	Unit	Jan.	Feb.	Mar.	Description	Unit	Jan.	Feb.	Mar.
		\$ c.	\$ c.	\$ c.			\$ c.	\$ c.	\$ c.
<b>Halifax—</b>					<b>Winnipeg—</b>				
Hams, 12 to 18 lb.	lb.	0 29	0 29	0 29	Hams, smoked, 12 to 16 lb.	lb.	0 29	0 29	0 28
Bacon choice side.	"	0 29	0 29	0 29	Bacon, smoked, 6 to 8 lb.	lb.	0 24	0 24	0 24
Barrelled mess pork, P.E.I.	bbl.	37 50	37 50	37 50	Pork, mess, barrelled.	bbl.	32 40	32 40	32 40
Beef carcass, steer.	lb.	0 14	0 14	0 14	Beef carcass, good steer, 450 to 650 lb.	lb.	0 12	0 11	0 11
Lamb, spring.	"	0 19	0 19	0 19	Lamb, good, 37 to 48 lb.	"	0 19	0 19	0 19
Lard, pure.	"	0 12	0 10	0 10	Lard, tierces.	"	0 08	0 08	0 08
Butter, fresh-made creamery prints.	"	0 32	0 30	0 30	Butter, finest creamery prints.	"	0 29	0 28	0 29
Cheese, new.	"	0 22	0 22	0 22	Cheese, Manitoba triplets.	"	0 20	0 21	0 21
Eggs, grade A, large.	doz.	0 30	0 28	0 29	Eggs, grade A, large.	doz.	0 24	0 23	0 23
Potatoes, No. 1.	75 lb.	1 50	1 30	1 28	Potatoes, Manitoba, No. 2.	cwt.	1 19	1 25	1 25
<b>Saint John—</b>					<b>Regina—</b>				
Hams.	lb.	0 28	0 28	0 28	Hams, smoked, Dominion, 12 to 16 lb.	lb.	0 24	0 24	0 24
Bacon.	"	0 28	0 28	0 28	Bacon, smoked, Dominion, 6 to 8 lb.	"	0 25	0 24	0 24
Beef carcass, country beef steers.	"	0 08	0 09	0 09	Beef carcass, good steer and heifer, 550 to 750 lb.	"	0 13	0 14	0 12
Lamb.	"	0 20	0 18	0 18	Lamb, good spring.	"	0 18	0 18	0 18
Lard, pure.	"	0 11	0 11	0 11	Lard, in tierces, approx. 360 lb.	"	0 08	0 09	0 08
Butter, creamery.	"	0 30	0 30	0 29	Butter, finest creamery prints.	"	0 27	0 27	0 27
Cheese, new.	"	0 19	0 20	0 22	Cheese, Sask. Stiltons.	"	0 21	0 23	0 22
Eggs, Grade A, large.	doz.	0 30	0 28	0 28	Eggs, grade A, large.	doz.	0 22	0 20	0 21
Potatoes, Canada, Grade 1.	75 lb.	1 30	1 20	1 18	Potatoes, White, No. 2.	75 lb.	1 25	1 38	1 30 <sup>1</sup>
Hay, pressed, car lots, No. 1.	ton	12 00	12 00	12 00	<b>Calgary—</b>				
<b>Montreal—</b>					Hams, smoked, Dominion, 12 to 16 lb.	lb.	0 27	0 28	0 28
Hams, smoked, light, 12 to 16 lb.	lb.	0 23	0 22	0 22	Bacon, smoked, Dominion, 6 to 8 lb.	"	0 26	0 27	0 27
Bacon, smoked, light, 6 to 8 lb.	"	0 20	0 19	0 19	Barrelled mess pork.	bbl.	32 50	32 50	32 00
Pork, mess, barrelled.	bbl.	24 84	23 76	23 54	Beef carcass, good steer, 450 to 650 lb.	lb.	0 12	0 12	0 12
Beef carcass, good steer, 400 to 600 lb.	lb.	0 14	0 13	0 14	Lamb, good, 37 to 48 lb.	"	0 17	0 17	0 17
Beef, plate, barrelled (200 lb.)	bbl.	18 60	17 00	16 75	Lard, in tierces, approx. 360 lb.	"	0 09	0 08	0 08
Lamb, choice, fresh.	lb.	0 17	0 18	0 18	Butter, creamery prints.	"	0 28	0 28	0 28
Lard, pure, in tierces.	"	0 08	0 08	0 08	Cheese, Royal Canadian Half Stiltons, new.	"	0 20	0 22	0 22
Butter, first grade, creamery prints.	"	0 29	0 28	0 29	Eggs, grade A, large.	doz.	0 20	0 20	0 20
Cheese, new, large.	"	0 19	0 20	0 19	Potatoes, Gems, No. 1.	cwt.	2 10	2 50	2 50
Eggs, grade A, large.	doz.	0 27	0 27	0 27	<b>Vancouver—</b>				
Potatoes, Quebec White, No. 1.	75 lb.	1 15	1 11	1 05	Hams, smoked, 12 to 16 lb.	lb.	0 26	0 27	0 26
Timothy hay, extra, No. 2.	ton	10 00	10 50	11 00	Bacon, smoked, 6 to 8 lb.	"	0 25	0 26	0 25
<b>Toronto—</b>					Pork, mess, barrelled.	bbl.	36 72	36 72	36 72
Hams, No. 1, smoked, light, 12 to 16 lb.	lb.	0 25	0 25	0 25	Beef carcass, Grade A, good steer.	lb.	0 14	0 14	0 14
Bacon, No. 1, smoked, light, 4 to 8 lb.	"	0 24	0 24	0 24	Spring lamb, good.	"	0 19	0 19	0 19
Pork, mess, barrelled.	bbl.	26 73	24 84	23 76	Lard, tierces.	"	0 08	0 08	0 08
Beef carcass, good steer, 450 to 650 lb.	lb.	0 13	0 13	0 12	Butter, No. 1, pound prints.	"	0 29	0 28	0 30
Beef, plate, barrelled (not, 200 lb.)	bbl.	16 50	15 00	15 50	Cheese, mild, Ontario, Triplets.	"	0 27	0 27	0 27
Lamb, good, 37 to 48 lb.	lb.	0 19	0 18	0 18	Eggs, grade A, large.	doz.	0 20	0 20	0 21
Lard, tierces.	"	0 10	0 09	0 09	Potatoes, local, No. 1.	cwt.	1 59	1 60	1 62
Butter, first grade, creamery prints.	"	0 29	0 28	0 29					
Cheese, No. 1, large, new cheddar.	"	0 19	0 22	0 21					
Eggs, grade A, large.	doz.	0 25	0 26	0 25					
Potatoes, Ontario White, No. 1.	75 lb.	1 16	1 17	1 17					
Timothy hay, baled, No. 2.	ton	12 08	12 31	12 00					

<sup>1</sup> Per cwt.

The following quotations are as at the 15th of the month: All prices for Halifax, Saint John, Regina and Calgary; Timothy hay No. 2, Montreal; butter, No. 1, pound prints, Vancouver. All other quotations are averages for the month.

Sales tax not included in prices of ham, bacon and barrelled mess pork except for Halifax and Saint John.



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