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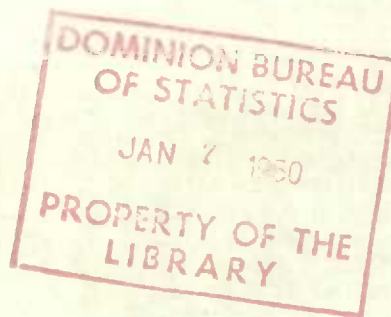
ANNUAL



CANADA

THE FERTILIZER TRADE

July 1, 1958 - June 30, 1959



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PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries classified to the **Chemicals and Allied Products** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

	A — Annual	B — Biennial	M — Monthly	S.C. — Special Compilation	
Catalogue number	Title				Price
46-201				(A)	Chemicals and Allied Products — General Review50
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46-203				(A)	Adhesives Industry50
46-204				(A)	Coal Tar Distillation Industry25
46-205				(A)	Compressed Gases Industry50
46-206				(A)	Fertilizers Industry50
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46-209				(A)	Medicinal and Pharmaceutical Preparations Industry50
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65-004				(M)	Trade of Canada — Exports per year 7.50
65-007				(M)	Trade of Canada — Imports per year 7.50

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Information Services Division, Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa, Canada.

EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies

for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.¹

Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

¹ To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

THE FERTILIZER TRADE

July 1, 1958 - June 30, 1959

Sales of mixed fertilizers and fertilizer materials for direct application to the soil, including exports, amounted to 1,791,364 tons in the year ended June 30, 1959. Sales to Canadian users totalled 908,214 tons, including 689,553 tons of fertilizer materials and 218,661 tons of mixtures. Sales of materials increased 20.2 per cent and mixtures .1 per cent over the previous year.

Production of fertilizer materials (excluding anhydrous ammonia) in the period under review, including such items as ammonium nitrate, ammonium phosphate, ammonium sulphate, superphosphate and cyanamide, amounted to 1,311,619 tons compared with 1,337,586 tons in the preceding year, and the output of mixed fertilizers increased to 780,501 tons from 736,113 tons manufactured the previous year. The figures for the materials and mixtures are not additive as some of the former were used in making the latter.

Imports of fertilizers (excluding anhydrous ammonia) amounted to 950,999 tons compared with 946,231 tons during the previous fertilizer year. The more important items which were brought in were natural phosphate rock, 559,823 tons; superphosphate, 149,890 tons; muriate of potash, 149,440 tons; nitrogen solution, 28,441 tons and sulphate of potash, 20,654 tons. The phosphate rock was used, of course, in Canadian fertilizer plants to make superphosphate and ammonium phosphate; similarly, most of the other imported materials were used in making mixed fertilizers.

Exports of materials amounted to 842,792 tons including 15,458 tons of Anhydrous ammonia a 5 per cent decrease from the previous years total of 885,064 tons which included 10,942 tons of anhydrous ammonia. Exports of mixed fertilizers amounted to 40,358 tons a decrease of 5.8 per cent over the previous years total of 42,706 tons.

TABLE 1. Sales of Fertilizers, Years Ended June 30, 1958 and 1959

	Fertilizer materials			Mixed fertilizers			Total		
	1958	1959	Per cent change	1958	1959	Per cent change	1958	1959	Per cent change
	short tons								
Newfoundland	411	513	+24.8	4,523	5,017	+10.9	4,934	5,530	+12.1
Prince Edward Island	435	406	- 6.7	52,995	48,225	-10.0	53,430	48,631	- 9.0
Nova Scotia	2,243	2,290	+ 2.1	25,603	25,500	- .4	27,846	27,790	- .2
New Brunswick	899	676	-24.8	61,519	60,943	- .9	62,418	61,619	- 1.3
Quebec	14,485	14,899	+ 2.9	140,300	135,525	- 3.4	154,785	150,424	- 2.8
Ontario	65,690	72,444	+10.3	385,626	395,173	+ 2.5	451,316	467,617	+ 3.6
Manitoba	15,478	20,204	+30.5	811	890	+ 9.7	16,289	21,094	+29.5
Saskatchewan	21,355	27,473	+28.6	81	159	+96.3	21,436	27,632	+28.9
Alberta	47,644	64,710	+35.8	308	475	+54.2	47,952	65,185	+35.9
British Columbia	13,333	15,046	+12.8	16,800	17,646	+ 5.0	30,133	32,692	+ 8.5
Canada	181,973	218,661	+20.2	688,566	689,553	+ .1	870,539	908,214	+ 4.3
Export	885,064	842,792	- 4.8	42,706	40,358	- 5.5	927,770	883,150	- 4.8
Total	1,067,037	1,061,453	- .5	731,272	729,911	- .2	1,798,309	1,791,364	- .4

TABLE 2. Production and Imports of Fertilizers, as Reported by Manufacturers and Importers, During the Years Ended June 30, 1958 and 1959

Item	1958		1959	
	Manufactured	Imported	Manufactured	Imported
	short tons			
Mixed fertilizers—Solid	722,887	1,272	774,309	1,255
Mixed fertilizers—Liquid	—	—	—	—
Nitrogen solution	—	27,820	—	28,441
Ammonium sulphate	335,160	1,486	332,001	5,616
Superphosphate	—	187,676	—	149,890
Ammonium nitrate	—	—	—	—
Ammonium phosphate	—	40	—	39
Cyanamide	—	10	—	—
Natural phosphate rock ¹	—	572,000	—	559,823
Bone meal or bone flour	378	647	620	487
Muriate of potash, 50% K ₂ O	—	—	—	—
Muriate of potash, 60% K ₂ O	—	129,388 ²	—	149,440 ²
Sulphate of potash	—	17,812 ²	—	20,654 ²
Sulphate of potash, magnesia	—	3,791 ²	—	4,257 ²
Tankage	—	345	340	997
Animal manure	—	1,765	—	1,750
Dried blood	—	—	—	—
Nitrate of soda	—	772	—	691
Sewage sludge	—	7,355	—	8,980
Other materials ³	1,015,274	14,052	978,654	18,679

¹ Not available for publication separately but included with "other materials".

² Used in making superphosphate and ammonium phosphate in Canadian fertilizer plants.

³ As reported in Trade of Canada, Vol. III Imports.

⁴ Lime and anhydrous ammonias not included.

THE FERTILIZER TRADE

TABLE 3. Sales of Fertilizers, Except for Manufacturing Purposes, During the Year Ended June 30, 1958

Kind	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total sold in Canada
short tons											
Fertilizer materials											
Anhydrous ammonia.....	—	—	—	—	—	1,439	148	52	314	25	1,978
Nitrate of soda.....	273	1	17	4	68	389	—	—	—	5	757
Sulphate of ammonia.....	10	33	87	23	234	1,794	79	77	2,196	1,774	6,307
Cyanamide.....	—	1	47	2	63	2,086	—	—	—	172	2,371
Ammonium nitrate.....	88	252	821	228	724	21,709	423	1,028	5,410	2,992	33,675
Ammonium phosphate—11-48-0.....	—	—	—	—	32	3,417	9,485	16,787	25,454	1,168	56,343
16-20-0.....	—	—	—	—	—	146	4,146	2,428	11,685	2,903	21,308
Superphosphate—20% P ₂ O ₅	36	119	797	339	7,725	18,272	—	—	14	1,272	28,574
45% P ₂ O ₅	—	—	—	—	332	1,204	—	1	—	160	1,697
Natural phosphate rock.....	—	—	—	—	2,995	71	—	—	—	10	3,076
Basic slag.....	—	—	—	—	789	—	—	—	—	—	789
Bone meal, bone flour, etc.....	—	—	61	12	101	528	29	3	58	697	1,489
Muriate of potash—50% K ₂ O.....	—	—	1	11	2	5	2	—	—	—	21
60% K ₂ O.....	3	14	66	9	368	5,637	8	2	38	438	6,583
Sulphate of potash.....	—	—	2	—	23	378	1	3	5	185	597
Tankage.....	—	—	—	—	42	26	—	—	—	—	335
Animal manure.....	—	12	86	35	670	848	—	—	—	122	1,773
Dried blood.....	—	—	—	—	1	18	1	—	—	—	134
Sewage sludge.....	—	—	29	1	109	4,824	—	1	—	499	5,463
Other fertilizer materials ¹	1	3	229	235	207	2,899	1,156	973	2,470	510	8,683
Total materials.....	411	435	2,243	899	14,485	65,690	15,478	21,355	47,644	13,333	181,973
Mixed fertilizers.....	4,523	52,995	25,603	61,519	140,300	385,626	811	81	308	16,800	688,566
Total—1957-1958.....	4,934	53,430	27,846	62,418	154,785	451,316	16,289	21,436	47,952	30,133	870,539
Total—1956-1957.....	4,783	53,299	26,358	61,015	141,974	415,986	15,664	20,785	38,337	30,050	808,251

¹ Lime has not been included.

TABLE 4. Sales of Fertilizers, Except for Manufacturing Purposes, During the Year Ended June 30, 1959

Kind	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total sold in Canada
tons of 2,000 pounds											
Fertilizer materials											
Animal manure.....	—	—	54	35	632	983	—	—	—	73	1,777
Anhydrous ammonia (for direct application only)	—	—	—	—	—	1,750	92	16	426	25	2,309
Ammonium nitrate.....	107	280	937	276	1,008	22,546	824	1,062	7,929	3,325	38,294
Ammonium nitrate phosphate—23-23-0.....	—	—	—	—	—	—	1	1	1	1	1
24-20-0.....	—	—	—	—	—	—	1	1	1	1	1
27-14-0.....	—	—	—	—	—	—	1	1	1	1	1
Ammonium phosphate—11-48-0.....	—	—	—	—	24	3,020	12,368	21,559	32,487	1,751	71,209
13-39-0.....	—	—	—	—	—	—	—	—	—	—	—
16-20-0.....	—	—	—	—	—	111	5,012	3,186	16,953	3,558	28,820
Basic slag.....	—	—	—	—	658	—	—	—	—	—	658
Bone meal, bone flour and bone-phosphate.....	7	2	70	14	57	823	28	3	75	568	1,667
Cyanamide (fertilizer grade only).....	—	—	37	4	52	2,082	—	—	—	88	2,263
Muriate of potash—60%.....	3	10	88	19	339	5,674	6	—	4	511	6,654
Natural phosphate rock.....	—	—	—	—	2,056	44	—	—	—	5	2,105
Nitrogen solution.....	—	—	—	—	70	2,345	—	—	—	—	2,415
Nitrate of soda.....	363	1	11	6	70	418	—	—	—	8	877
Sewage sludge.....	5	—	59	17	350	5,301	—	—	—	600	6,332
Sulphate of ammonia.....	6	17	72	30	117	2,069	75	149	2,933	1,766	7,234
Sulphate of potash.....	—	—	2	—	28	415	1	1	4	294	745
Sulphate of potash magnesia.....	—	—	—	—	4	256	1	—	—	—	261
Superphosphate—20% (P ₂ O ₅).....	22	96	867	236	8,938	21,555	—	—	10	1,020	32,742
Superphosphate (triple)—45% (P ₂ O ₅).....	—	—	1	—	218	1,121	—	—	—	289	1,629
Tankage.....	—	—	—	—	28	50	—	—	—	—	310
Urea (for fertilizer use only).....	—	—	42	15	48	27	—	—	—	—	132
Other fertilizer materials ²	—	—	50	24	204	1,854	1,797	1,497	3,889	913	10,228
Total materials.....	513	406	2,290	676	14,899	72,444	20,204	27,473	64,710	15,046	218,661
Mixed fertilizers (see Table 2).....	5,017	48,225	25,500	60,943	135,525	395,173	890	159	475	17,646	689,553
Total—1958-1959.....	5,530	48,631	27,790	61,619	150,424	467,617	21,094	27,632	64,185	32,692	908,214
Total—1957-1958.....	4,934	53,430	27,846	62,418	154,785	451,316	16,289	21,436	47,952	30,133	870,539

¹ Included with "Other fertilizer materials".² Does not include lime.

TABLE 5. Mixed Fertilizers Sold During the Year Ended June 30, 1958

Analysis			New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Prairies	British Columbia	Total domestic sales	Exported from Canada	Total sold
			short tons										
N	P ₂ O ₅	K ₂ O											
0	5	15	—	—	—	—	908	766	—	—	1,674	4	1,678
0	12	12	—	—	—	—	—	116	—	—	116	—	116
0	12	20	—	—	—	—	218	4,084	—	—	4,302	—	4,302
0	12	24	—	—	—	—	—	1,542	—	—	1,542	—	1,542
0	14	14	—	—	—	—	723	1,154	—	—	1,877	5	1,882
0	15	15	—	11	—	—	—	101	—	272	384	—	384
0	15	30	—	—	—	—	5	—	—	—	5	502	507
0	16	8	—	—	—	—	3,410	119	—	—	3,529	—	3,529
0	20	10	—	—	—	—	—	1,978	—	—	1,978	—	1,978
0	20	20	10	51	1,014	177	1,281	7,673	—	—	10,206	722	10,928
2	8	16	—	—	—	—	2,531	70	—	—	2,601	—	2,601
2	10	15	—	—	—	—	10	3,589	—	—	3,599	—	3,599
2	12	10	—	—	—	—	34,710	99,589	—	—	134,299	—	134,299
2	12	14	—	—	—	—	—	8,812	—	—	8,812	—	8,812
2	12	16	—	—	—	—	90	8,572	—	—	8,662	—	8,662
2	12	20	—	—	—	—	—	7,801	—	—	7,801	—	7,801
2	14	8	—	—	—	—	3,597	769	—	—	4,366	—	4,366
2	14	14	—	—	—	—	—	2,194	—	—	2,194	—	2,194
2	15	15	—	—	—	—	—	—	1,269	—	1,269	—	1,269
2	16	6	—	—	—	—	16,720	5,793	—	—	24,513	—	24,513
2	18	0	—	—	—	—	—	—	—	—	—	117	117
2	18	18	—	—	—	—	91	8,090	—	—	8,181	—	8,181
2	20	18	—	—	—	—	—	174	—	—	174	—	174
2	20	20	—	—	—	—	—	259	—	—	259	—	259
3	12	12	—	—	—	—	1,225	4,216	—	—	5,441	—	5,441
3	12	16	—	—	—	—	—	969	—	—	969	—	969
3	15	6	677	4,828	6,522	6,168	17	—	—	—	20,212	14	20,226
3	15	10	—	—	—	—	—	8,264	—	—	8,264	—	8,264
3	16	16	—	—	151	—	—	—	—	—	151	—	151
3	18	9	—	—	—	—	1	17,085	—	—	17,086	—	17,086
3	18	15	—	—	—	—	827	4,321	—	—	5,148	—	5,148
4	10	7	—	—	—	—	—	—	—	106	106	—	106
4	10	10	—	—	—	—	—	509	—	3,783	4,292	—	4,292
4	12	6	—	—	—	46	335	123	—	—	504	13	517
4	12	8	—	—	—	—	—	163	—	—	163	—	163
4	12	10	—	—	—	—	5	22,523	—	—	22,528	—	22,528
4	12	16	—	—	—	—	185	2,521	—	—	2,706	—	2,706
4	16	16	—	—	—	—	—	1,558	—	—	1,558	—	1,558
4	24	12	—	—	—	—	992	23,372	—	—	24,364	—	24,364
4	24	20	—	—	—	—	4,121	33,949	—	—	38,070	—	38,070
4	0	0	—	—	—	—	—	103	—	—	103	—	103
5	0	0	—	—	—	—	—	225	—	—	225	—	225
6	10	5	—	—	—	—	2,314	5	—	—	2,319	—	2,319
10	5	5	—	—	—	—	1	—	—	1	2	295	297
10	10	10	2,348	963	1,728	17,537	17,185	1,042	—	—	40,803	2,401	43,204
10	10	13	135	26,872	1,563	4,300	36,725	17,791	—	—	91,386	10	91,396
10	15	15	—	—	—	—	106	16,511	41	—	16,658	—	16,658
5	10	20	—	—	—	—	135	—	—	—	135	—	135
5	10	30	—	—	—	—	—	369	—	—	369	—	369
5	20	0	—	—	—	—	—	447	—	—	447	—	447
5	20	5	—	—	—	—	—	108	—	—	108	—	108
5	20	10	—	—	—	—	128	5,360	—	—	5,486	8	5,494
5	20	20	—	—	—	—	—	2,844	—	—	2,844	6	2,850
6	8	6	—	—	—	—	—	—	3,766	—	3,766	—	3,766
6	9	6	8	—	35	—	592	661	—	—	1,306	—	1,306
6	9	9	—	—	—	—	1,333	114	—	—	1,447	292	1,739
6	9	12	9	83	—	—	5,727	—	—	—	5,819	3,284	9,103
6	10	4	—	—	—	—	—	1,076	2,862	403	4,390	66	4,456
6	10	10	—	—	—	—	100	—	—	—	389	—	389
6	10	20	—	—	—	—	—	—	—	—	100	—	100
6	12	6	553	137	1,978	1,151	3	8	—	—	3,830	193	4,023
6	12	8	—	91	41	7,200	5	—	—	—	7,337	60	7,397
6	12	12	771	17,683	9,510	18,975	2,119	5,554	—	—	52,792	25	52,817
6	24	24	—	—	—	—	—	—	—	—	151	—	151
6	27	25	—	—	—	—	—	—	—	—	105	—	105
6	30	15	—	—	—	—	—	—	1,401	—	1,401	—	1,401
7	7	7	—	—	—	32	343	3,514	—	—	3,889	—	3,892
8	9	10	—	—	—	270	—	—	—	—	270	1,701	1,971
8	10	5	—	—	—	—	—	—	1,408	—	1,408	—	1,408
8	12	12	—	—	—	104	—	—	—	—	104	9,871	9,975
8	12	16	—	—	—	—	—	—	—	—	—	1,335	1,335
8	16	16	—	—	—	—	651	79	—	—	730	3,599	4,329
8	24	20	—	—	—	—	—	939	—	—	939	—	939
8	32	0	—	—	—	—	—	144	—	—	144	—	144
8	32	16	—	—	—	—	—	—	—	—	—	3,578	3,578
9	5	7	2	—	—	105	1,070	79	—	—	1,256	—	1,256
9	5	10	—	—	164	—	—	—	—	—	164	—	164
9	9	7	5	22	616	43	—	—	—	—	886	2	888
10	5	10	—	—	—	—	44	931	—	—	975	7	982
10	6	4	5	5	12	69	508	1,315	15	71	2,000	67	2,067
10	10	10	—	59	1	—	1,084	33,557	—	2	34,703	8,960	43,663
10	15	15	—	—	—	—	—	50	—	—	50	1,094	1,144
10	20	10	—	—	—	—	—	483	—	1,942	2,425	23	2,448
10	20	20	—	—	—	—	—	300	—	—	300	6	306
10	24	12	—	—	—	—	—	672	—	—	672	—	672
10	30	10	—	—	—	—	—	—	—	161	161	965	1,126
10	32	10	—	—	—	—	—	—	675	95	770	2,351	3,121
10	52	17	—	—	3	—	21	204	—	—	228	—	228
13	12	12	—	—	—	—	—	712	—	—	712	848	1,560
13	16	10	—	—	—	—	—	—	1,151	—	1,151	—	1,151
14	7	10	—	—	—	—	—	—	—	—	148	—	148
20	0	0	—	—	—	—	—	159	—	—	159	—	159
Other mixes			—	10	65	172	76	5,782	66	430	6,601	279	6,880
Total, 1958			4,523	52,995	25,603	61,519	140,300	385,628	1,200	16,800	688,568	42,706	731,272
Total, 1957			4,410	52,867	24,450	60,280	127,546	364,502	1,003	16,696	651,754	49,728	701,482

Note: Figures in this table include tobacco fertilizers containing boron and magnesium oxide.

TABLE 6. Mixed Fertilizers Sold During the Year Ended June 30, 1959

Analysis	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Total sold in Canada	Exported from Canada
short tons										
N P ₂ O ₅ K ₂ O										
0 5 15	—	—	—	—	610	30	—	—	640	—
0 12 12	—	—	—	—	—	31	—	—	31	—
0 12 20	—	—	—	—	146	1,426	—	2	1,574	—
0 12 24	—	—	—	—	—	3,445	—	—	3,445	—
0 14 14	—	—	—	—	881	1,313	—	—	2,194	—
0 15 15	—	—	—	—	—	1,004	—	77	1,081	—
0 15 30	—	—	—	—	25	—	—	—	25	459
0 20 0	—	—	—	—	—	115	—	—	115	—
0 20 10	—	—	—	—	1,390	2,653	—	—	4,043	25
0 20 20	73	74	1,195	317	2,682	9,121	—	—	13,462	673
2 10 15	—	—	—	—	—	182	—	—	182	—
2 10 20	—	—	—	—	1,805	30	—	—	1,835	—
2 12 10	—	—	—	20	29,720	65,318	—	—	95,058	—
2 12 12	—	—	—	—	488	21,842	—	—	22,330	—
2 12 14	—	—	—	—	489	14,137	—	—	14,626	—
2 12 16	—	—	—	—	651	13,113	—	—	13,764	—
2 12 20	—	—	—	—	—	5,614	—	—	5,614	—
2 14 8	—	—	—	—	3,434	752	—	—	4,186	—
2 14 14	—	—	—	—	—	1,452	—	—	1,452	—
2 15 15	—	—	—	—	20	16	—	1,374	1,410	—
2 16 6	—	—	—	—	14,911	3,604	—	—	18,515	—
2 16 16	—	—	—	—	664	2	—	—	666	—
2 18 18	—	8	—	—	83	7,896	—	—	7,987	—
2 20 18	—	—	—	—	—	175	—	—	175	—
2 20 20	—	—	—	—	—	224	—	—	224	—
3 12 12	—	—	—	—	1,492	4,108	—	—	5,600	—
3 12 16	—	—	—	—	—	779	—	—	779	—
3 14 3	—	—	—	—	136	—	—	—	136	—
3 15 6	718	4,152	7,591	6,393	217	—	—	—	19,071	12
3 15 10	—	—	—	—	—	9,343	—	—	9,343	—
3 15 30	—	—	—	—	114	—	—	—	114	—
3 16 16	—	—	306	—	—	—	—	—	306	—
3 18 9	—	—	—	—	—	18,220	—	—	18,220	—
3 18 15	—	—	—	—	10	1,743	—	—	1,753	—
3 18 18	—	—	—	—	—	436	—	—	436	—
4 9 5	—	—	—	—	—	214	—	—	214	—
4 10 10	—	—	—	—	—	21	—	3,630	3,651	—
4 12 8	—	1	—	—	—	259	—	82	342	—
4 12 10	—	25	—	—	17	20,920	—	—	20,962	—
4 12 16	—	—	—	—	56	2,895	—	—	2,951	—
4 16 16	—	—	—	—	274	1,202	—	—	1,476	—
4 24 12	—	—	—	5	81	21,595	—	—	21,681	7
4 24 20	—	—	—	—	10,321	40,827	—	—	51,148	—
5 8 11	—	—	—	—	2,506	4	—	—	2,510	—
5 10 5	—	—	—	—	39	55	—	2	96	209
5 10 10	2,278	395	1,140	14,276	15,314	1,219	—	—	34,622	1,739
5 10 13	180	22,728	1,340	3,366	33,970	4,055	—	—	65,639	—
5 10 15	—	—	—	—	497	26,145	16	—	26,658	—
5 10 30	—	—	—	—	—	479	—	—	479	—
5 15 10	—	—	—	—	—	35	—	—	35	134
5 20 0	—	—	—	—	—	1,656	—	—	1,656	—
5 20 10	—	—	—	—	6	10,743	—	—	10,749	—
5 20 20	—	—	—	—	—	7,833	—	—	7,833	4
6 8 6	—	—	—	—	—	—	—	2,145	2,145	—
6 9 6	29	—	48	13	967	979	—	—	2,036	—
6 9 9	—	—	—	1,028	—	—	—	—	1,028	153
6 9 12	—	41	—	5,684	—	—	—	—	5,725	1,276
6 10 4	29	—	43	165	1,186	3,220	448	82	5,173	—
6 10 10	—	—	—	—	—	—	—	356	356	—
6 12 6	551	70	1,603	1,141	1	24	—	—	3,390	147
6 12 8	1	285	645	10,243	—	—	—	—	11,174	—
6 12 12	1,157	20,282	10,644	16,888	4,392	7,710	—	—	61,073	18
6 24 24	—	—	—	—	—	—	—	—	—	220
6 27 25	—	—	—	—	—	—	—	142	142	—
6 30 15	—	—	—	—	—	—	—	1,360	1,360	—
7 7 7	—	—	—	15	286	4,173	—	—	4,474	—
7 8 6	—	—	—	—	—	—	—	1,880	1,680	—
8 9 10	—	40	10	410	—	—	—	—	460	2,034
8 9 12	—	—	—	—	—	—	—	—	—	407
8 10 5	—	—	—	—	—	—	—	656	656	—
8 10 6	—	—	—	—	—	—	—	411	411	—
8 12 12	—	57	—	292	—	—	—	92	441	8,464
8 12 16	—	—	—	—	—	—	—	—	—	1,259
8 16 16	—	—	—	25	1,113	1,504	—	—	2,642	3,030
8 24 20	—	—	—	—	—	358	—	—	358	—
8 32 16	—	—	—	—	—	—	—	—	—	3,381
9 5 7	—	—	—	111	18	—	—	—	129	—
9 5 10	—	—	120	—	—	—	—	—	120	—
9 9 7	—	26	784	116	—	138	—	—	1,064	4
10 5 5	—	—	—	—	42	63	—	—	105	—
10 5 10	—	—	—	—	778	1,270	—	—	2,048	10
10 6 4	—	3	12	78	622	1,947	—	238	2,900	125
10 10 10	—	20	1	142	1,588	34,647	—	—	36,398	8,184
10 15 15	—	—	—	25	—	45	—	—	70	943
10 20 0	—	—	—	—	—	104	—	—	104	—
10 20 10	—	—	—	—	1	450	—	2,227	2,678	14
10 20 20	—	—	—	—	—	410	—	—	410	—
10 24 12	—	—	—	—	—	851	—	—	851	—
10 30 10	—	—	—	—	—	5	728	559	1,292	4,429
10 32 10	—	—	—	—	—	—	239	65	304	—
10 52 17	1	—	6	2	15	138	—	2	164	—
12 12 12	—	—	—	—	—	661	—	—	661	779
13 13 13	—	—	—	—	—	—	—	—	—	1,010
13 16 10	—	—	—	—	—	—	26	1,732	1,758	—
14 14 7	—	—	—	—	—	—	—	—	—	1,035
Other mixes	—	18	12	188	1,467	8,215	67	732	10,699	174
Total 1959	5,017	48,225	25,500	60,943	135,525	395,173	1,524	17,646	689,553	40,358
Total 1958	4,523	52,995	25,603	61,519	140,300	385,626	1,200	16,800	688,566	42,706

Note: Figures in this table include tobacco fertilizers containing boron and magnesium oxide.

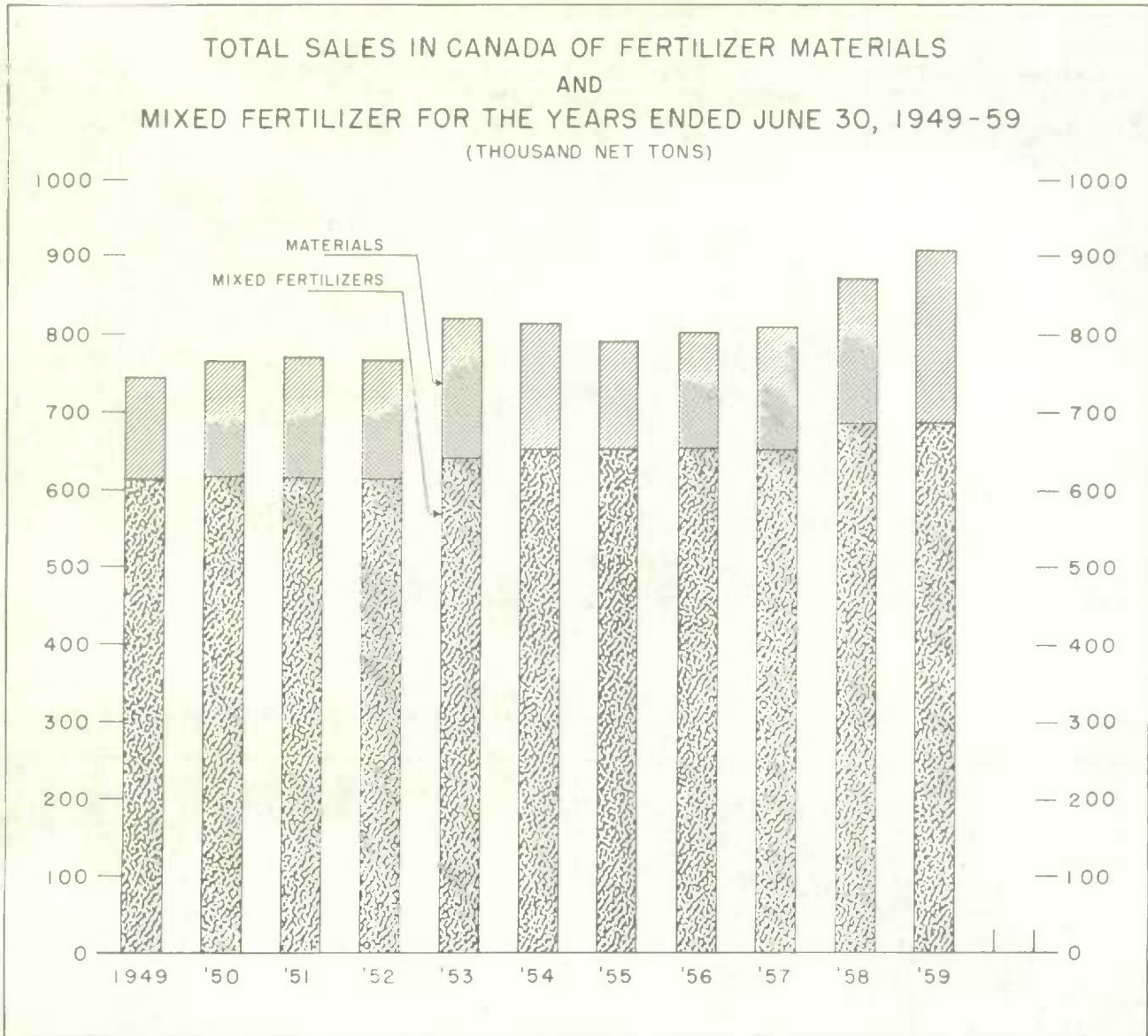


TABLE 7. Tobacco Specials Sold During Years Ended June 30, 1958 and 1959

Analysis	Revised - Year ended June 30, 1958				Year ended June 30, 1959			
	Quebec	Ontario	Other	Total	Quebec	Ontario	Other	Total
	short tons				short tons			
N P ₂ O ₅ K ₂ O								
9 12 20	205	2,614	-	2,819	123	1,186	-	1,309
0 15 15	-	98	-	98	-	-	-	-
2 10 15	10	3,559	-	3,569	-	182	-	182
2 12 10	3,434	40,249	-	43,683	1,840	9,395	-	11,235
2 12 12	-	-	-	-	488	21,829	-	22,317
2 12 14	-	8,812	-	8,812	489	14,137	-	14,626
2 12 16	-	5,260	-	5,260	158	10,814	-	10,972
2 14 14	-	2,194	-	2,194	-	1,452	-	1,452
2 18 18	91	8,015	-	8,106	83	7,892	8	7,983
3 18 15	-	1,201	-	1,201	-	-	-	-
3 18 18	-	-	-	-	-	436	-	436
5 2 5	-	108	-	108	-	-	-	-
5 8 10	2,312	5	-	2,317	-	-	-	-
5 8 11	-	-	-	-	2,506	507	-	3,013
5 10 15	-	3,169	-	3,169	66	2,435	-	2,501
Other	38	19	7	64	52	317	1	370
Total	6,090	75,303	7	81,400	5,805	70,582	9	76,396

Note: The figures in this table are included in Table 6.

TABLE 8. Sales of Mixed Fertilizers Containing Guaranteed Percentages of Boron, During the Year Ended June 30, 1959

Analysis	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Canada	Exported	
											short tons
N P₂O₅ K₂O											
2 10 20	—	—	—	—	119	—	—	—	119	—	
2 12 10	—	—	—	—	151	107	—	—	258	—	
2 12 16	—	—	—	—	—	152	—	—	152	—	
2 16 6	—	—	—	—	244	1	—	—	245	—	
3 12 16	—	—	—	—	—	295	—	—	295	—	
3 15 6	626	1,354	934	737	10	—	—	—	3,661	9	
4 12 16	—	—	—	—	54	353	—	—	407	—	
4 24 20	—	—	—	—	41	80	—	—	121	—	
5 10 10	—	—	—	29	118	—	—	—	147	—	
5 10 13	—	—	—	10	308	9	—	—	327	—	
6 12 6	173	—	10	6	—	—	—	—	189	—	
6 12 12	71	—	24	141	41	2	—	—	279	—	
9 5 10	—	—	120	—	—	—	—	—	120	—	
9 9 7	—	24	784	111	—	—	—	—	919	—	
Other	64	2	28	73	162	414	—	84	827	—	
Total	934	1,380	1,900	1,107	1,248	1,413	—	84	8,066	9	

Note: The figures in this table are included in Table 5.

TABLE 9. Sales of Mixed Fertilizers (Excluding Tobacco Fertilizers) Containing Guaranteed Percentages of Magnesium Oxide, During the Year Ended June 30, 1959

Analysis	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Canada	Exported	
											short tons
N P₂O₅ K₂O											
5 10 10	99	70	13	4,750	17	—	—	—	4,949	337	
5 10 13	146	7,314	70	685	50	1	—	—	8,266	—	
6 9 9	—	—	—	1,028	—	—	—	—	1,028	153	
6 9 12	—	—	—	4,748	—	—	—	—	4,748	1,276	
6 12 6	—	—	92	8	—	—	—	—	100	—	
6 12 8	—	205	357	5,943	—	—	—	—	6,505	—	
6 12 12	145	6,580	856	7,890	—	745	—	—	16,216	16	
8 9 10	—	40	10	410	—	—	—	—	460	2,034	
8 9 12	—	—	—	—	—	—	—	—	—	407	
8 12 12	—	53	—	292	—	—	—	—	345	8,464	
8 12 16	—	—	—	—	—	—	—	—	—	1,259	
8 16 16	—	—	—	25	103	—	—	—	128	388	
9 5 10	—	—	120	—	—	—	—	—	120	—	
10 10 10	—	20	—	111	54	—	—	—	185	6,028	
10 15 15	—	—	—	25	—	—	—	—	25	943	
12 12 12	—	—	—	—	—	—	—	—	—	779	
Other	—	—	20	73	76	256	—	17	442	94	
Total	390	14,282	1,538	25,988	300	1,002	—	17	43,517	22,158	

TABLE 10. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Prince Edward Island During the Year Ended June 30, 1959

County	Materials	Mixed fertilizers	Total
Kings	63	5,614	5,677
Prince	159	24,324	24,483
Queens	184	18,287	18,471
Total	406	48,225	48,631

TABLE 11. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Nova Scotia During the Year Ended June 30, 1959

County	Materials	Mixed fertilizers	Total
Annapolis	60	1,248	1,308
Antigonish.....	77	1,075	1,152
Cape Breton	52	789	841
Cochester.....	170	2,664	2,834
Cumberland	137	1,881	2,018
Digby	22	1,047	1,069
Guysborough	—	46	46
Halifax.....	118	949	1,067
Hants	228	2,295	2,523
Inverness.....	31	748	779
Kings	1,229	8,748	9,977
Lunenburg	70	1,482	1,552
Pictou	61	1,626	1,687
Richmond.....	8	79	87
Queens.....	5	184	189
Shelburne.....	—	95	95
Victoria	1	48	49
Yarmouth.....	21	496	517
Total	2,290	25,500	27,790

TABLE 12. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in New Brunswick During the Year Ended June 30, 1959

County	Materials	Mixed fertilizers	Total
Albert	9	129	138
Carleton.....	56	17,900	17,956
Charlotte	23	654	677
Gloucester.....	76	1,539	1,615
Kent	33	1,806	1,839
King's	36	2,101	2,137
Madawaska	13	3,100	3,113
Northumberland.....	30	976	1,006
Queen's	22	625	647
Restigouche	18	1,615	1,633
Saint John	69	904	973
Sunbury	9	499	508
Victoria	39	21,764	21,803
Westmorland	146	3,400	3,546
York	97	3,931	4,028
Total	676	60,943	61,619

TABLE 13. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Quebec During the Year Ended June 30, 1959

County	Materials	Mixed fertilizers	Total
Abitibi	127	582	709
Argenteuil	79	382	461
Arthabaska	488	6,585	7,073
Bagot	306	3,162	3,468
Beauce	232	3,787	4,019
Beauharnois	101	773	874
Bellechasse	522	2,665	3,187
Berthier	72	1,536	1,608
Bonaventure	214	1,456	1,670
Brome	72	582	654
Chambly	447	417	864
Champlain	176	1,250	1,426
Charlevoix	44	743	787
Chateauguay	455	1,919	2,374
Chicoutimi	219	1,522	1,741
Compton	154	2,441	2,595
Deux Montagnes (Two Mountains)	157	1,472	1,629
Dorchester	399	2,767	3,166
Drummond	243	3,333	3,576
Frontenac	37	1,728	1,765
Gaspé	58	651	709
Gatineau	14	193	207
Hull	3	30	33
Huntingdon	189	2,012	2,201
Iberville	170	1,812	1,982
Îles de la Madeleine	2	156	158
Jesus Island	222	4,266	4,488
Joliette	374	4,640	5,014
Kamouraska	519	2,306	2,825
Labelle	26	529	555
Lac St. Jean (Lake St. John)	100	1,533	1,633
La Prairie	172	1,849	2,021
L'Assomption	65	2,378	2,443
Levis	187	1,585	1,772
L'Islet	287	1,186	1,473
Lotbinière	796	3,092	3,888
Maskinongé	10	70	80
Matane	406	2,079	2,485
Matapédia	192	1,017	1,209
Megantic	244	3,520	3,764
Missiquoi	329	2,421	2,750
Montcalm	139	3,080	3,219
Montmagny	201	910	1,111
Montmorency	112	2,069	2,181
Montreal Island	567	2,620	3,187
Napierville	208	7,478	7,686
Nicolet	537	3,783	4,320
Papineau	51	1,334	1,385
Pontiac	18	129	147
Portneuf	270	2,671	2,941
Québec	434	2,181	2,615
Richelieu	251	1,196	1,447
Richmond	79	1,469	1,548
Rimouski	370	2,041	2,411
Rivière du Loup	232	4,924	5,156
Rouville	529	3,229	3,758
Saguenay	13	163	176
Shefford	156	2,545	2,701
Sherbrooke	92	1,655	1,747
Soulanges	54	446	502
Stanstead	124	2,030	2,154
St. Hyacinthe	466	3,764	4,230
St. Johns	20	531	551
St. Maurice	163	1,003	1,166
Temiscamingue	140	261	401
Témiscouata	120	1,392	1,512
Terrebonne	68	1,207	1,275
Vaudreuil	47	290	337
Verchères	237	1,324	1,561
Wolfe	86	1,557	1,643
Yamaska	206	1,814	2,020
Total, Quebec	14,899	135,525	150,424

TABLE 14. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Ontario During the Year Ended June 30, 1959

County	Materials	Mixed fertilizers	Total
		short tons	
Algoma	86	661	747
Brant	778	7,982	8,760
Bruce	4,252	10,096	14,348
Carleton	694	3,385	4,079
Cochrane	132	571	703
Dufferin	270	4,965	5,235
Dundas	275	1,053	1,328
Durham	819	6,723	7,542
Elgin	3,579	24,166	27,745
Essex	7,491	29,121	36,612
Frontenac	204	577	781
Glengarry	243	788	1,031
Grenville	220	1,834	2,054
Grey	2,041	8,431	10,472
Haldimand	716	3,733	4,479
Haliburton	—	37	37
Halton	379	3,343	3,722
Hastings	168	2,136	2,304
Huron	3,022	19,703	22,725
Kenora	2	16	18
Kent	13,032	53,792	66,824
Lambton	3,627	14,895	18,522
Lanark	236	1,462	1,698
Lindsay	215	1,193	1,408
Lennox-Addington	57	604	661
Lincoln	1,360	5,425	6,785
Manitoulin	37	443	480
Middlesex	2,608	23,897	26,505
Muskoka	59	338	397
Nipissing	122	867	989
Norfolk	4,169	39,896	43,865
Northumberland	357	3,089	3,446
Ontario	598	6,462	7,060
Oxford	2,452	22,746	25,198
Parry Sound	62	539	601
Peel	506	3,749	4,255
Perth	1,515	14,579	16,094
Peterboro	249	1,395	1,644
Prescott	145	1,580	1,725
Prince Edward	271	1,176	1,447
Rainy River	11	34	45
Renfrew	629	752	1,381
Russell	169	1,255	1,424
Simcoe	1,647	13,505	15,122
Stormont	131	644	775
Sudbury	177	1,744	1,921
Temiskaming	72	720	792
Thunder Bay	120	812	932
Victoria	170	2,133	2,303
Waterloo	872	8,765	9,637
Welland	687	3,319	4,006
Wellington	1,443	11,485	12,928
Wentworth	1,185	6,750	7,935
York	3,638	18,007	19,645
No distribution	4,445	—	4,445
Total, Ontario	72,444	395,173	467,617

TABLE 15. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold During the Years Ended June 30, 1958 and 1959

Province	1958				1959			
	Total tonnage	Nitrogen (N)	Phosphoric acid (P ₂ O ₅)	Potash (K ₂ O)	Total tonnage	Nitrogen (N)	Phosphoric acid (P ₂ O ₅)	Potash (K ₂ O)
	short tons							
(a) In materials								
Newfoundland	411	75	7	2	513	94	6	2
Prince Edward Island	435	90	24	8	406	95	19	6
Nova Scotia	2,243	341	175	41	2,290	357	191	55
New Brunswick	899	82	71	11	676	106	50	12
Quebec	14,485	360	2,960	237	14,899	472	2,628	230
Ontario	65,690	10,832	6,020	3,600	72,444	11,621	7,096	3,680
Manitoba	15,478	2,293	5,507	6	20,204	3,005	7,206	4
Saskatchewan	21,355	2,893	8,645	2	27,473	3,673	11,207	—
Alberta	47,644	7,810	14,837	23	64,710	10,873	19,591	4
British Columbia	13,333	2,171	1,699	352	15,046	2,425	2,108	450
Total Canada	181,973	26,947	39,945	4,282	218,661	32,721	50,102	4,443
Exported from Canada	885,064	200,207	47,270	14	842,792	194,133	81,815	16
Grand total	1,067,037	227,154	87,215	4,296	1,061,453	226,854	131,917	4,459
(b) In mixtures								
Newfoundland	4,523	227	514	421	5,017	251	580	484
Prince Edward Island	52,995	2,736	5,906	6,329	48,225	2,535	5,451	5,745
Nova Scotia	25,603	1,214	3,311	2,468	25,500	1,229	3,312	2,535
New Brunswick	61,519	3,296	6,905	6,296	60,943	3,306	6,938	6,146
Quebec	140,300	4,989	16,558	15,101	135,525	5,093	17,232	15,697
Ontario	385,626	14,733	51,448	48,052	395,173	15,611	58,397	51,188
Manitoba	811	65	174	62	890	75	200	70
Saskatchewan	81	6	14	5	159	11	23	9
Alberta	308	31	81	27	475	47	130	48
British Columbia	16,800	1,096	2,314	1,632	17,646	1,243	2,511	1,712
Total Canada	688,566	28,393	87,225	80,393	689,533	29,401	94,774	83,631
Exported from Canada	42,706	3,449	6,345	5,152	40,358	3,312	6,142	4,921
Grand total	731,272	31,842	93,570	85,545	729,911	32,713	100,916	88,552
(c) Total								
Newfoundland	4,934	302	521	423	5,530	345	586	486
Prince Edward Island	53,430	2,826	5,930	6,337	48,631	2,630	5,470	5,751
Nova Scotia	27,846	1,555	3,486	2,509	27,790	1,586	3,503	2,587
New Brunswick	62,418	3,378	6,976	6,307	61,619	3,412	6,988	6,158
Quebec	154,785	5,349	19,518	15,338	150,424	5,565	19,860	15,927
Ontario	451,316	25,565	57,468	51,652	467,617	27,232	65,493	54,868
Manitoba	16,289	2,358	5,681	68	21,094	3,080	7,406	74
Saskatchewan	21,436	2,899	8,659	7	27,632	3,684	11,230	9
Alberta	47,952	7,841	14,918	50	65,185	10,920	19,721	52
British Columbia	30,133	3,267	4,013	1,984	32,692	3,668	4,619	2,162
Total Canada	870,539	55,340	127,170	84,675	908,214	82,122	144,876	88,074
Exported from Canada	927,770	203,656	53,615	5,166	883,150	197,445	87,957	4,937
Grand total	1,798,309	258,996	180,785	89,841	1,791,364	259,567	232,833	93,011

TABLE 16. Fertilizers Sold for Consumption in Canada During the Years Ended June 30, 1930-1959

Year	Materials		Mixtures		Total short tons
	Quantity short tons	Percentage of total	Quantity short tons	Percentage of total	
1930	166,257	51.8	154,950	48.2	321,207
1935	104,711	49.3	107,768	50.7	212,479
1940	85,638	24.7	261,083	75.3	346,721
1945	92,026	16.0	483,081	84.0	575,107
1946	90,446	14.3	542,497	85.7	632,943
1947	95,870	14.5	564,851	85.5	660,721
1948	107,299	15.6	564,872	84.4	672,171
1949	129,968	17.5	611,758	82.5	741,726
1950	145,972	19.1	618,609	80.9	764,581
1951	153,933	19.9	616,574	80.1	770,507
1952	156,049	20.3	612,496	79.7	768,545
1953	179,600	21.9	640,203	78.1	819,803
1954	160,481	19.8	651,160	80.2	811,641
1955	139,301	17.6	651,473	82.4	790,774
1956	148,037	18.5	652,643	81.5	800,680
1957	156,497	19.4	651,754	80.6	808,251
1958	181,973	20.9	688,566	79.1	870,539
1959	218,661	24.0	689,553	76.0	908,214

TABLE 17. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold in Canada During the Years Ended June 30, 1942-1959

Year	In materials			In mixtures			Total		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
short tons									
1942	5,042	13,911	2,877	9,311	37,099	27,497	14,353	51,010	30,374
1943	3,459	13,998	3,112	11,282	45,079	32,977	14,741	59,077	36,089
1944	5,422	15,286	2,933	13,638	48,850	28,020	19,060	64,136	30,953
1945	7,633	25,387	3,087	14,327	51,309	39,578	21,960	76,696	42,665
1946	7,834	21,424	2,241	16,519	57,171	43,224	24,353	78,595	45,465
1947	8,923	26,231	2,216	16,821	59,021	44,913	25,744	85,252	47,129
1948	10,693	30,149	2,738	17,153	59,388	47,342	27,846	89,537	50,080
1949	12,001	37,789	2,749	18,340	67,221	52,312	30,341	105,010	55,061
1950	14,533	47,151	1,924	18,820	70,840	54,063	33,353	117,991	55,987
1951	16,167	48,745	2,181	18,328	73,142	53,949	34,495	121,887	56,130
1952	17,357	46,413	2,584	19,213	72,951	55,423	36,570	119,364	58,017
1953	20,958	52,829	2,838	22,933	79,873	64,749	43,889	132,702	67,587
1954	18,213	42,108	3,327	23,812	80,239	66,641	42,025	122,347	69,968
1955	17,422	32,672	3,120	25,410	82,032	71,219	42,832	114,704	74,339
1956	19,687	33,229	3,472	25,324	84,702	73,472	45,011	117,931	76,944
1957	23,062	35,384	3,290	28,611	85,806	75,084	49,673	121,190	78,374
1958	26,947	39,945	4,282	28,393	87,225	80,393	55,340	127,170	84,675
1959	32,721	50,102	4,443	29,401	94,774	83,631	62,122	144,876	88,074

TABLE 18. Lime and Limestone Produced in Canada for Agricultural Purposes, 1941-1958

Year	Lime	Limestone (including marl)	Year	Lime	Limestone (including marl)
short tons					
1941	15,144	216,657	1950	14,088	568,280
1942	9,251	285,924	1951	14,709	567,300
1943	13,299	271,036	1952	13,587	464,122
1944	15,190	316,545	1953	12,310	510,547
1945	14,420	419,579	1954	10,923	362,110
1946	4,294	480,639	1955	5,420	424,028
1947	6,664	450,553	1956	6,251	476,506
1948	12,249	595,421	1957	3,181	610,398
1949	15,274	649,220	1958	3,538	

.. Not available.



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THE FERTILIZER TRADE

List of Reporting Companies, 1959

Name of company	Address
Agricultural Chemicals, Ltd.	Chambly, Quebec; London and Port Hope, Ontario
Algoma Steel Corporation Ltd.	Sault Ste. Marie, Ontario
American Agricultural Chemicals	Detroit, Michigan, U.S.A.
Bradford Fertilizers	Bradford, Ontario
Buckerfields Limited	Vancouver, British Columbia
Burns and Co., Limited	Vancouver, British Columbia; Edmonton, Alberta
Canada Packers Limited	West Toronto, Welland, Chatham, Ontario
Canada Packers Limited	Montreal, Quebec
Canada Packers Limited	Saint John, New Brunswick.
Canada Packers Limited	Port Williams, Nova Scotia
Canada Packers Limited	Summerside, Prince Edward Island
Canadian Industries Limited	Montreal, Quebec; plants at Halifax, Nova Scotia; McMasterville, Quebec; Montreal, Quebec; Chatham, Ontario; Hamilton, Ontario.
Colonial Fertilizer Co. Ltd.	Windsor, Nova Scotia
Consolidated Mining and Smelting Company of Canada, Ltd.	Trail, British Columbia; Calgary, Alberta; Kimberley, British Columbia
Cyanamid of Canada Limited	Niagara Falls, Ontario
Dominion Potash Limited	310 Victoria Ave., Westmount, Quebec
Dominion Iron & Steel Corp.	Sydney, Nova Scotia
Dow Chemical of Canada Ltd.	Sarnia, Ontario
Elmira Fertilizers	Elmira, Ontario
Globe Fertilizer Company Ltd.	Crompton Rd., Vancouver, British Columbia
Grand Valley Fertilizer Ltd.	Orangeville, Ontario
Green Valley Fertilizer-Chemical Co. Ltd.	New Westminster, British Columbia
Harris, W., and Co.	Toronto Ontario
Houde, W., Ltd.	Laprairie, Quebec
Hy-Trous Company of Canada Ltd.	Cornwall, Ontario
International Fertilizers, Ltd.	Quebec, Quebec
International Fertilizers, Ltd.	Saint John, New Brunswick
Island Fertilizer Co., Ltd.	Charlottetown, Prince Edward Island
W. A. Jenkins Mfg. Co., The	London, Ontario
Manchester Products	Galt, Ontario
Milwaukee Sewerage Commission	P.O. Box 2079, Milwaukee, Wisconsin, U.S.A.
Misner Fertilizers	Port Dover, Ontario
"Na-Churs" Plant Food Co. (Canada) Ltd.	London, Ontario
Northwest Nitro Chemicals	Medicine Hat, Alberta
Ontario Plant Foods Ltd.	P.O. Box 748, Delhi, Ontario
Quebec Natural Gas Corporation	Montreal, Quebec
Rainbow Chemicals	Tilbury, Ontario
Sherritt-Gordon Mines Ltd.	Fort Saskatchewan, Alberta
Steel Company of Canada Ltd.	Hamilton, Ontario
Summers Fertilizers Co., Inc.	St. Stephen, New Brunswick
Swift Canadian Company, Limited	New Toronto, Ontario
Swift Canadian Company, Limited	St. Boniface, Manitoba
Toronto Salt Works	Toronto, Ontario
United Co-operative Co. Ltd.	Toronto, Ontario