CATALOGUE No.
46-207
ANNUAL

CANADA

THE FERTILIZER TRADE

July 1, 1960 - June 30, 1961

Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

November, 1961
8523-573

Price 50 cents

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa, 1961

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
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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 140 publications which present the results of the 1960 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. Adoption of the revised Standard Industrial Classification for 1960 compilations has necessitated changes in titles of many reports in this annual series. The content of many industries has also been affected (see following note on Industrial Classification).

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 1960 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 or 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 revised Standard Industrial Classification which has been introduced with the 1960 Census of Manufactures provides for a breakdown of the universe into 140 industries arranged in 20 major groups compared with 135 industries in 17 major groups in the old classification which was used in the compilations for the years 1949 to 1959 inclusive. It incorporates changes considered desirable on the basis of experience in using the earlier classification as well as those which take account of changes in the structure of Canadian industries associated with the rapid developments of the past decade. Full details are contained in the Standard Industrial Classification Manual, Catalogue No. 12-501, which is available from either the Queen's Printer or the Dominion Bureau of Statistics. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

Many industries remain unchanged in the new classification but in many instances there have been substantial changes in content because of the shifting of establishments from one industry to another or in re-grouping of establishments. Where changes have occurred the principal statistics for 1957, 1958 and 1959 have been re-compiled to provide data on a basis comparable with those for 1960.

Short Forms

Between 1949 and 1957, in an effort to ease the reporting burden for smaller firms, a short form was used asking for the total value of shipments only or, in a few cases where losses of detail were significant, for quantities and values of principal products. For purposes of publication, missing data were estimated on the basis of appropriate ratios. In general the cut-off point for these short forms was set at $50,000 value of shipments. About 40% of the total number of establishments reported on the short form and accounted for less than 3 per cent of the total value of shipments.

In 1958, in order to establish a new base year, the small firms were asked to report all items of principal statistics together with some detail on materials and products.

For the 1959 Census, the short form was used again, but further steps were taken to ease the respondents' burden. First, the general limit for short forms was raised to $100,000 value of shipments. In addition, a new intermediate form was developed. This form is a shortened version of the long form in that most of the general questions were pared down and the detailed lists of materials and products were limited to the more important items. The general limits for firms in this category were set at between $100,000-$500,000 value of shipments, but in the case of both the short and intermediate forms there were lower cut-offs for a number of industries in which the smaller firms accounted for a larger share of total shipments. On the other hand, limits were raised where this could be done without a significant loss of coverage. On most of the short forms for 1959, in addition to total value of shipments, data on principal products were requested. In a few industries, where loss of employment and earnings data were considered too large because of higher cut-offs, a question on total payroll was placed on the short form. This practice was followed again in 1960.

The intermediate and long forms provide complete data for the compilation of all elements of principal industry statistics and the details of materials and products. The one-page short form, although containing data on principal products and total value of shipments, does not request information on other elements of principal statistics such as value of inventories, materials, fuel and electricity and, in most cases, employment and salaries and wages, nor does it contain detailed data on volume and value of materials used. For purposes of compiling aggregates of principal statistics by industry and by geographic location, the missing data for each establishment were estimated for 1959 by using, in general, ratios based on the change in the value of shipments between 1958 and 1959. The proportion of the estimated data was generally less than 5 per cent of the total in each category of principal statistics.

[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, 1960 - June 30, 1961

Sales of mixed fertilizers and fertilizer materials for direct application to the soil, including exports, amounted to 2,053,876 tons in the year ended June 30, 1961. Sales to Canadian users totalled 1,077,412 tons, including 297,730 tons of fertilizer materials and 779,682 tons of mixtures. Sales of materials increased 5.1 per cent and mixtures 12.2 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 1,608,588 tons compared with 1,414,277 tons in the preceding year, and the output of mixed fertilizers increased to 860,946 tons from 770,435 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 1,087,217 tons compared with 1,070,090 tons during the previous fertilizer year. The more important items which were brought in were natural phosphate rock, 721,403 tons; superphosphate, 136,536 tons; muriate of potash, 141,500 tons; nitrogen solution, 22,384 tons and sulphate of potash, 24,820 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 923,846 tons including 25,919 tons of anhydrous ammonia a 0.6 per cent increase from the previous years total of 918,626 tons which included 24,936 tons of anhydrous ammonia. Exports of mixed fertilizers amounted to 52,618 tons an increase of 4.5 per cent over the previous years total of 50,365 tons.

TABLE 1. Sales of Fertilizers, Years Ended June 30, 1960 and 1961

	Fertilizer materials			Mixed fertilizers			Total		
	1960	1961	Per cent change	1960	1961	Per cent change	1960	1961	Per cent change
	short tons								
Newfoundland	340	470	+38.2	4,684	4,978	+ 6.3	5,024	5,448	+ 8.4
Prince Edward Island	380	498	+31.1	53,549	58,294	+ 8.9	53,929	58,792	+ 9.0
Nova Scotia	2,120	2,032	− 4.2	24,717	27,533	+11.4	26,837	29,565	+10.2
New Brunswick	728	715	− 1.8	67,130	76,952	+14.6	67,858	77,667	+14.5
Quebec	15,142	15,394	+ 1.7	158,624	185,165	+16.7	173,766	200,559	+15.4
Ontario	73,798	91,455	+23.9	363,334	407,250	+12.1	437,132	498,705	+14.1
Manitoba	21,607	28,684	+32.8	857	1,246	+45.4	22,464	29,930	+33.2
Saskatchewan	34,766	39,292	+13.0	135	161	+19.3	34,901	39,453	+13.0
Alberta	79,122	103,224	+30.5	756	873	+15.5	79,878	104,097	+30.3
British Columbia	15,717	15,966	+ 1.6	17,922	17,230	− 3.9	33,639	33,196	− 1.3
Canada	**243,720**	**297,730**	**+22.2**	**691,708**	**779,682**	**+12.7**	**935,428**	**1,077,412**	**+15.2**
Export	918,626	923,846	+ 0.6	50,365	52,618	+ 4.5	968,991	976,464	+ 0.8
Totals	**1,162,346**	**1,221,576**	**+ 5.1**	**742,073**	**832,300**	**+12.2**	**1,904,419**	**2,053,876**	**+ 7.8**

TABLE 2. Production and Imports of Fertilizers, as Reported by Manufacturers and Importers, during the Years Ended June 30, 1960 and 1961

Item	1960		1961	
	Manufactured	Imported	Manufactured	Imported
	short tons			
Mixed fertilizers—Solid	764,185	4,879	851,999	2,319
Mixed fertilizers—Liquid	[1]	—	[1]	—
Nitrogen solution	[1]	22,154	[1]	22,384
Ammonium sulphate	301,739	4,012	305,887	5,919
Superphosphate	[1]	156,192	[1]	136,536
Ammonium nitrate	[1]	96	[1]	—
Ammonium phosphate	[1]	70	[1]	20
Cyanamide	[1]	—	[1]	—
Natural phosphate rock[2]	—	712,268	—	721,403
Bone meal or bone flour	577	990	460	490
Muriate of potash, 50% K_2O	—	—	—	—
Muriate of potash, 60% K_2O	8	118,502[3]	—	141,500[3]
Sulphate of potash	1	22,123[3]	—	24,820[3]
Sulphate of potash, magnesia	—	5,344[3]	—	5,098[3]
Tankage	271	100	250	99
Animal manure	1	1,698	—	1,830
Dried blood	—	—	—	—
Nitrate of soda	—	576	—	675
Sewage sludge	—	8,123	—	7,881
Other materials[4]	1,117,930	13,364	1,310,938	16,243

[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.

TABLE 3. Sales of Fertilizers, Except for Manufacturing Purposes, during the Year Ended June 30, 1960

Kind	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total sold in Canada
	short tons										
Fertilizer materials											
Animal manure	1	10	66	20	645	969	—	—	—	82	1,793
Anhydrous ammonia (for direct application only)	—	—	—	—	—	1,995	52	—	368	3	2,418
Ammonium nitrate	83	231	824	222	952	22,473	1,031	1,475	11,265	3,722	42,278
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	—	—	—	—	363	4,968	12,817	26,847	37,420	1,585	84,000
13-39-0	—	—	—	—	—	—	—	—	—	—	—
16-20-0	—	—	—	—	5	742	5,217	3,726	21,188	3,511	34,389
Basic slag	—	—	—	—	783	3	—	—	—	—	786
Bone meal, bone flour and bone-phosphate	3	4	85	27	88	936	26	3	75	493	1,740
Cyanamide (fertilizer grade only)	—	2	19	3	42	1,342	—	—	—	69	1,477
Muriate of potash — 60%	2	12	89	131	455	4,969	3	4	29	562	6,256
Natural phosphate rock	—	—	—	2	1,732	8	—	—	—	13	1,755
Nitrogen solution	—	—	—	—	92	2,665	—	—	—	—	2,757
Nitrate of soda	200	—	7	8	67	276	—	—	—	6	564
Sewage sludge	—	—	27	32	118	5,912	5	2	—	659	6,755
Sulphate of ammonia	5	14	71	29	55	549	86	156	3,608	2,032	6,605
Sulphate of potash	—	—	3	—	83	638	—	—	2	317	1,043
Sulphate of potash magnesia	—	—	—	—	1	429	—	—	—	12	442
Superphosphate — 20% (P_2O_5)	46	102	535	211	9,296	21,575	1	—	12	1,050	32,828
Superphosphate (triple) — 45% (P_2O_5)	—	—	171	—	145	1,342	—	4	3	507	2,172
Tankage	—	—	—	—	37	51	—	—	—	164	252
Urea (for fertilizer use only)	—	1	116	11	104	646	—	—	—	53	931
Other fertilizer materials[2]	—	4	107	32	79	1,310	2,369	2,549	5,152	877	12,479
Total materials	**340**	**380**	**2,120**	**728**	**15,142**	**73,798**	**21,607**	**34,766**	**79,122**	**15,717**	**243,720**
Mixed fertilizers (see Table 6)	4,684	53,549	24,717	67,130	158,624	363,334	857	135	756	17,922	691,708
Totals — 1959-60	**5,024**	**53,929**	**26,837**	**67,858**	**173,766**	**437,132**	**22,464**	**34,901**	**79,878**	**33,639**	**935,428**
Totals — 1958-59	**5,530**	**48,631**	**27,790**	**61,619**	**150,424**	**467,617**	**21,094**	**27,632**	**65,185**	**32,692**	**908,214**

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

TABLE 4. Sales of Fertilizers, Except for Manufacturing Purposes, during the Year Ended June 30, 1961

Kind	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total sold in Canada
	short tons										
Fertilizer materials											
Animal manure	2	2	70	32	851	900	—	—	—	85	1,942
Anhydrous ammonia (for direct application only)	—	—	—	—	—	4,224	64	—	405	3	4,696
Ammonium nitrate	111	174	709	296	1,306	26,887	2,038	1,804	14,220	3,578	51,123
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	—	—	—	—	13	3,961	15,587	30,044	46,432	2,182	98,219
13-39-0	—	—	—	—	1	—	—	—	—	21	22
16-20-0	—	—	—	—	—	484	6,109	4,411	28,975	3,747	43,726
Basic slag	—	—	—	—	792	3	—	—	—	—	795
Bone meal, bone flour and bone-phosphate	5	4	69	38	129	956	25	7	35	558	1,826
Cyanamide (fertilizer grade only)	—	—	11	1	39	810	—	—	—	90	951
Muriate of potash — 60%	5	59	84	11	267	6,693	4	—	—	343	7,466
Natural phosphate rock	—	—	—	5	1,043	66	—	—	48	5	1,167
Nitrogen solution	—	—	—	—	115	6,293	—	—	—	—	6,408
Nitrate of soda	240	—	17	8	53	314	—	—	—	6	638
Sewage sludge	19	—	32	39	206	5,565	11	5	—	608	6,485
Sulphate of ammonia	12	20	77	48	69	557	141	228	6,905	1,968	10,025
Sulphate of potash	20	—	2	—	148	944	—	—	1	274	1,389
Sulphate of potash magnesia	—	—	—	—	—	896	—	—	—	81	977
Superphosphate — 20% (P_2O_5)	56	133	796	201	9,837	25,990	—	16	1	596	37,626
Superphosphate (triple) — 45% (P_2O_5)	—	—	1	—	16	1,143	20	—	55	330	1,565
Tankage	—	—	8	—	—	25	—	—	—	133	166
Urea (for fertilizer use only)	—	4	130	11	268	2,006	8	2	70	104	2,603
Other fertilizer materials[2]	—	102	26	25	241	2,738	4,677	2,775	6,077	1,254	17,915
Total materials	**470**	**498**	**2,032**	**715**	**15,394**	**91,455**	**28,684**	**39,292**	**103,224**	**15,966**	**297,730**
Mixed fertilizers (see Table 5)	4,978	58,294	27,533	76,952	185,165	407,250	1,246	161	873	17,230	779,682
Totals — 1960-61	**5,448**	**58,792**	**29,565**	**77,667**	**200,559**	**498,705**	**29,930**	**39,453**	**104,097**	**33,196**	**1,077,412**
Totals — 1959-60	**5,024**	**53,929**	**26,837**	**67,858**	**173,766**	**437,132**	**22,464**	**34,901**	**79,878**	**33,639**	**935,428**

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

TABLE 5. Mixed Fertilizers Sold during the Year Ended June 30, 1960

Analysis			New found-land	Prince Edward Island	Nova Scotia	New Bruns-wick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Total sold in Canada	Exported from Canada
			short tons									
N	P_2O_5	K_2O										
0	12	20	–	–	–	–	18	1,413	–	–	1,431	–
0	12	24	–	–	–	–	–	2,039	–	–	2,039	–
0	14	14	–	–	–	–	1,559	868	–	–	2,427	–
0	15	15	–	–	–	–	–	688	–	78	766	5
0	20	10	–	–	–	–	1,460	1,824	–	–	3,284	–
0	20	20	74	77	961	400	4,371	8,083	–	–	13,966	610
2	10	20	–	–	–	–	2,268	104	–	–	2,372	–
2	12	10	–	–	–	–	27,969	47,068	–	–	75,037	–
2	12	12	–	–	–	–	2,361	27,358	–	–	29,719	–
2	12	14	–	–	–	–	294	17,241	–	–	17,535	–
2	12	16	–	–	–	–	634	15,055	–	–	15,689	–
2	12	20	–	–	–	–	–	4,700	–	–	4,700	–
2	14	8	–	–	–	–	3,811	223	–	–	4,034	–
2	14	14	–	–	–	–	–	1,615	–	–	1,615	–
2	15	15	–	–	–	–	–	169	–	1,044	1,213	–
2	16	6	–	–	–	–	17,233	1,773	–	–	19,006	–
2	18	18	–	4	–	–	4	8,931	3	–	8,942	–
2	20	20	–	–	–	–	–	233	–	–	233	–
3	12	12	–	–	–	–	2,784	2,802	–	–	5,586	–
3	12	16	–	–	–	–	–	1,015	–	–	1,015	–
3	15	6	659	4,098	5,789	5,487	575	–	–	–	16,608	9
3	15	10	–	–	–	–	–	8,551	–	–	8,551	–
3	15	30	–	–	–	–	161	–	–	–	161	–
3	16	16	5	7	1,477	67	–	–	–	–	1,556	–
3	18	9	–	–	–	–	–	15,537	–	–	15,537	–
3	18	15	–	–	–	–	–	1,120	–	–	1,120	–
3	18	18	–	–	–	–	–	529	–	–	529	–
4	10	10	–	–	–	–	–	–	–	3,257	3,257	–
4	12	8	2	5	–	9	–	383	–	50	449	17
4	12	10	–	–	–	–	15	15,869	–	–	15,884	–
4	12	16	–	–	–	–	–	2,304	–	–	2,304	–
4	16	16	–	–	–	–	–	702	–	–	702	–
4	24	12	–	–	–	–	127	15,736	–	–	15,863	–
4	24	20	–	–	–	–	19,607	35,007	–	–	54,614	–
5	8	11	–	–	–	–	3,124	4	–	–	3,128	–
5	10	10	21	148	1,099	13,238	16,396	1,669	–	–	32,571	1,783
5	10	13	1,828	19,111	1,098	5,608	35,086	2,361	–	–	65,092	26
5	10	15	–	–	–	–	700	22,900	5	–	23,605	–
5	10	30	–	–	–	–	–	682	–	–	682	–
5	20	0	–	–	–	–	–	2,058	–	–	2,058	–
5	20	10	–	–	–	–	71	14,997	–	–	15,068	–
5	20	20	–	–	–	–	20	12,678	–	–	12,698	–
6	8	6	–	–	–	–	–	–	–	2,289	2,289	–
6	9	6	41	–	60	21	1,035	1,259	20	–	2,436	–

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

TABLE 5. Mixed Fertilizers Sold during the Year Ended June 30, 1960 – Concluded

Analysis			New foundland	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_2O_5	K_2O										
6	9	9	–	–	–	620	–	–	–	–	620	263
6	9	12	–	–	–	10	–	–	–	–	10	1,645
6	10	4	–	–	–	–	75	327	28	83	513	–
6	10	10	–	–	–	–	–	1	–	468	469	–
6	12	6	17	2	103	10	24	–	–	–	156	72
6	12	8	407	295	1,154	14,801	7	–	–	–	16,664	18
6	12	12	1,556	29,675	11,058	23,225	7,007	5,410	–	–	77,931	–
6	24	24	–	–	–	–	–	–	–	156	156	–
6	27	25	–	–	–	–	–	–	–	157	157	–
6	30	15	–	–	–	–	–	–	–	1,223	1,223	–
7	7	7	–	–	–	1	6	4,807	–	–	4,814	–
7	8	6	–	–	–	–	–	–	–	1,720	1,720	–
8	9	10	–	100	–	403	–	–	–	–	503	[illegible]
8	10	6	–	–	–	–	–	–	–	1,166	1,166	–
8	12	12	–	–	8	657	–	–	–	–	665	10,323
8	12	16	–	–	–	–	73	–	–	–	73	534
8	16	8	2	–	865	1,231	–	–	–	–	2,098	–
8	16	16	–	–	–	–	2,476	4,255	–	–	6,731	3,00[illegible]
8	24	20	–	–	–	–	–	101	–	–	101	–
8	32	16	–	–	–	–	–	–	–	–	–	3,23[illegible]
[illegible]	5	10	–	–	139	–	–	–	–	–	139	–
[illegible]	9	7	1	5	871	39	–	16	–	–	932	4
10	5	5	–	–	–	–	133	13	–	–	146	–
10	5	10	–	–	–	–	703	1,218	–	–	1,921	–
10	6	4	56	6	–	60	640	2,438	–	354	3,554	15
10	10	10	5	16	–	535	2,774	33,738	–	–	37,068	7,694
10	15	15	–	–	–	30	–	60	–	–	90	1,13[illegible]
10	20	0	–	–	–	–	–	230	–	–	230	–
10	20	10	–	–	–	11	15	120	5	1,716	1,867	–
10	20	20	–	–	–	–	–	302	–	–	302	–
10	24	12	–	–	–	–	76	800	–	–	876	–
10	30	10	–	–	–	–	–	17	970	954	1,941	3,787
10	52	17	–	–	7	2	11	178	–	–	198	2
12	12	12	–	–	–	–	–	741	–	–	741	896
13	13	13	–	–	–	–	–	–	99	41	140	5,798
13	16	10	–	–	–	–	–	–	–	2,662	2,662	–
14	7	7	–	–	–	–	–	477	–	–	477	–
14	14	7	–	–	–	–	–	–	177	1	178	6,024
Other mixes			10	–	28	665	2,921	10,537	441	503	15,105	1,253
Totals 1960			**4,684**	**53,549**	**24,717**	**67,130**	**158,624**	**363,334**	**1,748**	**17,922**	**691,705**	50,365
Totals 1959			**5,017**	**48,225**	**25,500**	**60,943**	**135,525**	**395,173**	**1,524**	**17,646**	**689,553**	40,358

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

TABLE 6. Mixed Fertilizers Sold during the Year Ended June 30, 1961

Analysis			Newfoundland	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_2O_5	K_2O										
0	7	7	–	–	–	–	646	90	–	–	736	–
0	12	20	–	–	–	–	84	290	–	–	374	–
0	12	24	–	–	–	–	–	1,836	–	–	1,836	–
0	14	14	–	–	–	–	341	694	–	–	1,035	–
0	15	15	–	–	–	–	16	2,228	–	41	2,285	–
0	15	30	–	–	–	–	84	1	–	–	85	–
0	16	16	–	–	–	–	–	620	–	–	620	–
0	20	10	–	–	4	–	2,136	2,589	–	–	4,729	–
0	20	20	4	75	1,231	451	6,370	8,564	–	–	16,695	863
0	25	25	–	–	–	–	–	–	–	–	–	101
1	10	20	–	–	–	–	2,716	151	–	–	2,867	–
2	12	10	–	1	–	–	25,198	43,282	–	–	68,481	–
2	12	12	–	–	–	–	2,550	25,891	–	–	28,441	–
2	12	14	–	–	–	–	304	19,528	–	–	19,832	–
2	12	16	–	–	–	–	844	16,148	–	–	16,992	–
2	12	20	–	–	–	–	1	4,365	–	–	4,366	–
2	14	14	–	–	–	–	–	1,742	–	–	1,742	–
2	15	15	–	–	–	–	–	503	–	816	1,319	–
2	16	6	–	–	–	87	21,213	1,269	–	–	22,569	–
2	18	18	–	26	20	–	10	9,319	4	–	9,379	–
2	20	20	–	–	–	–	–	273	–	–	273	–
3	12	12	–	–	–	–	5,416	3,366	–	–	8,782	–
3	12	16	–	–	–	–	–	830	–	–	830	–
3	15	6	703	3,354	5,352	5,141	621	3	–	–	15,174	6
3	15	10	–	–	–	–	–	10,780	–	–	10,780	–
3	15	30	–	–	–	–	228	–	–	–	228	–
3	16	16	8	–	1,469	83	–	53	–	–	1,613	–
3	18	9	–	–	–	–	4	15,473	–	–	15,477	–
3	18	15	–	–	–	–	2	842	–	–	844	–
3	18	18	–	–	12	–	–	1,267	–	–	1,279	–
4	10	10	–	–	–	–	–	–	–	2,605	2,605	–
4	12	8	–	6	–	12	72	473	–	43	608	–
4	12	10	–	–	–	–	–	16,227	–	–	16,227	–
4	12	16	–	–	–	–	–	3,407	–	–	3,407	8
4	24	12	–	–	–	–	39	13,430	–	–	13,469	–
4	24	20	–	–	–	–	30,154	33,028	–	–	63,182	–
4	32	12	–	–	–	–	171	1	–	–	172	–
5	8	11	–	–	–	–	3,422	7	–	–	3,429	–
5	10	10	–	135	921	11,176	17,808	1,721	–	–	31,761	1,883
5	10	13	2,038	16,869	1,000	4,394	36,141	1,549	–	–	61,991	–
5	10	15	–	–	–	–	1,464	30,141	–	–	31,605	–
5	10	30	–	–	–	–	–	989	–	–	989	7
5	20	0	2	–	–	–	–	1,777	–	–	1,779	–
5	20	10	–	–	–	–	113	24,912	–	–	25,025	2
5	20	20	14	–	–	–	70	20,607	5	–	20,696	11
5	8	6	–	–	–	–	–	–	–	1,937	1,937	–
5	9	6	48	4	117	8	1,111	1,527	20	–	2,835	–
5	9	9	–	–	–	951	–	–	–	–	951	32

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

TABLE 6. Mixed Fertilizers Sold during the Year Ended June 30, 1961 – Concluded

Analysis			Newfoundland	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_2O_5	K_2O										
6	9	12	–	–	–	20	–	–	–	–	20	1,163
6	10	4	–	–	1	1	77	180	–	312	571	–
6	10	10	–	–	–	–	–	–	–	337	337	–
6	12	8	423	200	784	13,877	–	–	–	–	15,284	10
6	12	12	1,649	37,263	13,593	29,654	12,181	5,214	–	–	99,554	65
6	24	24	–	–	–	–	–	–	–	147	147	–
6	27	25	–	–	–	–	–	–	–	148	148	–
6	30	15	–	–	–	–	–	–	–	997	997	–
7	7	7	–	5	–	10	22	4,956	–	–	4,993	–
7	8	6	–	–	–	–	–	–	–	1,506	1,506	–
8	7	6	–	–	–	–	–	160	–	–	160	–
8	9	10	–	–	–	238	–	–	–	–	238	1,129
8	10	6	–	–	–	–	–	–	–	972	972	–
8	12	6	[1]	–	[1]	[1]	[1]	[1]	[1]	–	[1]	–
8	12	12	–	126	8	1,608	–	–	–	–	1,742	13,985
8	12	16	–	–	–	–	–	–	–	–	–	340
8	16	0	–	–	–	–	–	1,804	–	–	1,804	–
8	16	6	6	16	1,737	7,531	–	148	–	–	9,440	–
8	16	16	–	–	–	50	5,420	9,715	–	–	15,185	3,783
8	24	20	–	–	–	–	–	177	–	–	177	–
9	9	7	26	8	1,015	58	–	–	–	–	1,107	3
10	5	5	–	–	–	–	208	37	–	–	245	–
10	5	10	–	–	–	–	896	1,135	–	–	2,031	21
10	6	4	–	74	–	68	1,120	3,746	–	488	5,496	44
10	8	8	–	–	–	–	–	–	–	200	200	–
10	10	10	–	109	4	1,022	4,571	39,670	–	–	45,376	7,613
10	12	12	–	–	–	–	–	–	–	–	–	185
10	15	15	–	10	–	–	–	–	–	–	10	2,864
10	15	20	–	–	–	–	6	119	–	–	125	–
10	20	0	–	–	–	–	2	722	–	–	724	–
10	20	10	2	–	–	9	10	122	4	1,273	1,420	149
10	20	20	14	–	–	–	2	52	–	–	68	55
10	24	12	–	–	–	–	65	1,020	–	–	1,085	–
10	30	10	–	–	–	–	–	–	1,162	1,276	2,438	–
10	52	17	–	–	5	–	22	177	–	–	204	–
12	5	7	[1]	–	[1]	[1]	[1]	[1]	[1]	–	[1]	–
12	12	12	–	–	–	386	–	853	–	–	1,239	470
12	14	14	–	–	–	–	–	–	–	–	–	191
13	13	13	–	–	–	–	–	–	81	41	122	–
13	16	10	–	–	–	–	–	–	–	3,042	3,042	–
14	14	7	–	–	–	–	–	–	561	227	788	–
15	10	10	–	–	–	–	–	–	–	–	–	735
16	8	8	–	–	–	–	–	1,126	–	–	1,126	–
Other mixes			39	11	260	117	1,214	14,324	443	822	17,230	1,718
Totals 1961			**4,978**	**58,294**	**27,533**	**76,952**	**185,165**	**407,250**	**2,280**	**17,230**	**779,682**	**37,436**
Totals 1960			**4,684**	**53,549**	**24,717**	**67,130**	**158,624**	**363,334**	**1,748**	**17,922**	**691,708**	**50,365**

[1] Included with other mixes.

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

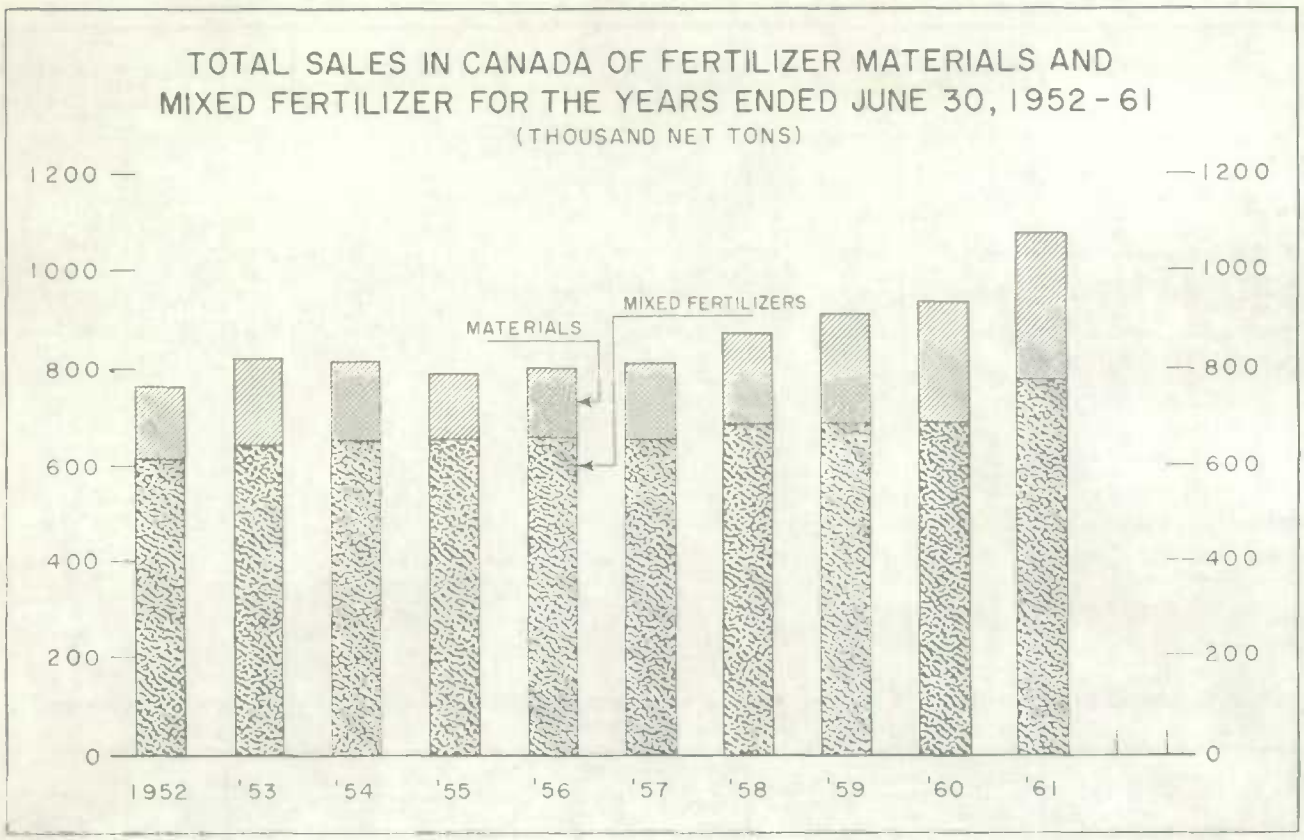

TABLE 7. Tobacco Specials Sold during Year Ended June 30, 1961

Analysis			Quebec	Ontario	Other provinces	Canada
			short tons			
N	P_2O_5	K_2O				
0	12	20	84	256	–	340
0	15	15	–	1,236	–	1,236
0	16	16	–	618	–	618
2	12	10	–	413	1	414
2	12	12	2,537	25,891	–	28,428
2	12	14	304	19,528	–	19,832
2	12	16	844	14,783	–	15,627
2	14	14	–	1,244	–	1,244
2	15	15	–	498	–	498
2	18	18	10	9,317	46	9,373
3	12	12	–	160	–	160
3	18	18	–	1,267	12	1,279
5	8	11	3,417	7	–	3,424
5	10	15	–	2,655	–	2,655
6	12	12	–	179	–	179
12	12	12	–	535	–	535
Other			–	305	13	318
Totals			7,196	78,892	72	86,160

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, 1961

Analysis				New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Canada	Exported
				short tons									
N	P_2O_5	K_2O											
2	10	20		–	–	–	–	274	20	–	–	294	–
2	12	10		–	–	–	–	138	171	–	–	309	–
2	12	16		–	–	–	–	–	107	–	–	107	–
2	16	6		–	–	–	–	948	10	–	–	958	–
3	12	16		–	–	–	–	–	152	–	–	152	–
3	15	6		595	1,239	773	565	25	–	–	–	3,197	6
3	16	16		–	–	117	1	–	–	–	–	118	–
4	12	16		–	–	–	–	–	269	–	–	269	–
4	24	20		–	–	–	–	740	73	–	–	813	–
5	10	10		–	–	–	32	204	–	–	–	236	–
5	10	13		–	12	–	6	745	9	–	–	772	–
5	20	20		–	–	–	–	70	137	5	–	212	–
6	12	12		–	101	39	147	134	4	–	–	425	–
8	16	16		–	–	–	–	241	2	–	–	243	13
9	9	7		25	–	1,015	31	–	–	–	–	1,071	–
10	10	10		–	1	3	76	66	3	–	–	149	4
Other				24	13	44	82	331	301	–	210	1,005	[illegible]
Totals				**644**	**1,366**	**1,991**	**940**	**3,916**	**1,258**	**5**	**210**	**10,330**	[illegible]

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

TABLE 9. Sales of Mixed Fertilizers (Excluding Tobacco Fertilizers) Containing Guaranteed Percentages of Magnesium Oxide, during the Year Ended June 30, 1961

Analysis				New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Canada	Exported
				short tons									
N	P_2O_5	K_2O											
2	12	12		–	–	–	–	754	–	–	–	754	–
2	12	14		–	–	–	–	302	–	–	–	302	–
5	10	10		–	80	8	4,472	49	–	–	–	4,609	576
5	10	13		295	6,527	49	1,903	754	–	–	–	9,528	–
6	9	9		–	–	–	951	–	–	–	–	951	32
6	9	12		–	–	–	20	–	–	–	–	20	1,163
6	12	8		8	198	244	8,545	–	–	–	–	8,995	–
6	12	12		164	13,084	1,076	17,752	1,530	61	–	–	33,667	[illegible]
8	9	10		–	–	–	237	–	–	–	–	237	[illegible]
8	12	12		–	126	–	1,608	–	–	–	–	1,734	[illegible]
8	12	16		–	–	–	–	75	–	–	–	75	[illegible]
8	16	8		8	16	1,169	6,165	–	–	–	–	7,358	–
8	16	16		–	–	–	50	1,613	1,919	–	–	3,582	[illegible]
10	10	10		–	–	1	700	93	–	–	–	794	[illegible]
10	12	12		–	–	–	–	–	–	–	–	–	185
10	15	15		–	–	–	–	–	–	–	–	–	2,864
10	20	10		–	–	–	–	–	156	–	6	162	62
12	12	12		–	–	–	386	–	–	–	–	386	468
12	14	14		–	–	–	–	–	–	–	–	–	191
13	16	10		–	–	–	–	–	–	–	131	131	–
Other				3	–	40	29	268	261	–	7	608	63
Totals				**478**	**20,031**	**2,587**	**42,818**	**5,438**	**2,397**	**–**	**144**	**73,893**	**25,362**

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

TABLE 10. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Prince Edward Island during the Year Ended June 30, 1961

County	Materials	Mixed fertilizers	Total
	short tons		
Kings	55	7,995	8,050
Prince	217	28,571	28,788
Queens	226	21,728	21,954
Totals	**498**	**58,294**	**58,792**

TABLE 11. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Nova Scotia during the Year Ended June 30, 1961

County	Materials	Mixed fertilizers	Total
	short tons		
Annapolis	92	1,174	1,266
Antigonish	31	909	940
Cape Breton	63	708	771
Colchester	113	2,873	2,986
Cumberland	136	2,049	2,185
Digby	24	1,124	1,148
Guysborough	–	5	5
Halifax	162	1,068	1,230
Hants	105	2,363	2,468
Inverness	23	811	834
Kings	1,113	10,538	11,651
Lunenburg	81	1,534	1,615
Pictou	57	1,527	1,584
Richmond	4	128	132
Queens	4	85	89
Shelburne	–	79	79
Victoria	1	40	41
Yarmouth	23	518	541
Totals	2,032	27,533	29,565

TABLE 12. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in New Brunswick during the Year Ended June 30, 1961

County	Materials	Mixed fertilizers	Total
	short tons		
Albert	20	204	224
Carleton	76	23,423	23,499
Charlotte	21	644	665
Gloucester	69	1,734	1,803
Kent	20	1,630	1,650
Kings	40	2,564	2,604
Madawaska	23	4,746	4,769
Northumberland	14	930	944
Queens	11	507	518
Restigouche	34	1,995	2,029
Saint John	52	645	697
Sunbury	19	347	366
Victoria	80	29,719	29,799
Westmorland	149	3,776	3,925
York	87	4,088	4,175
Totals	715	76,952	77,667

TABLE 13. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Quebec during the Year Ended June 30, 1961

County	Materials	Mixed fertilizers	Total
	short tons		
Abitibi	210	811	1,021
Argenteuil	93	646	739
Arthabaska	690	8,303	8,993
Bagot	584	4,979	5,563
Beauce	350	4,499	4,849
Beauharnois	151	1,225	1,376
Bellechasse	504	3,603	4,107
Berthier	72	2,385	2,457
Bonaventure	198	2,037	2,235
Brome	85	665	750
Chambly	75	672	747
Champlain	229	1,750	1,979
Charlevoix	53	946	999
Chateauguay	385	2,997	3,382
Chicoutimi	93	2,343	2,436
Compton	102	3,206	3,308
Deux Montagnes (Two Mountains)	183	2,374	2,557
Dorchester	281	3,867	4,148
Drummond	302	4,212	4,514
Frontènac	36	2,257	2,293
Gaspé	62	883	945
Gatineau	16	413	429
Hull	27	99	126
Huntingdon	139	2,415	2,554
Iberville	181	3,091	3,272
Iles de la Madeleine	28	229	257
Jesus Island	175	5,089	5,264
Jollette	292	5,475	5,767
Kamouraska	400	2,957	3,357
Labelle	17	991	1,008
Lac St. Jean (Lake St. John)	193	2,172	2,365
La Prairie	51	2,373	2,424
L'Assomption	81	3,339	3,420
Levis	187	2,238	2,425
L'Islet	327	1,485	1,812
Lotbinlere	845	4,176	5,021
Maskinongé	7	128	135
Matane	203	2,707	2,910
Matapédia	64	1,495	1,559
Megantic	316	4,248	4,564
Missiquoi	374	3,897	4,271
Montcalm	111	3,998	4,109
Montmagny	313	1,081	1,394
Montmorency	100	3,310	3,410
Montreal Island	628	2,306	2,934
Napierville	213	10,104	10,317
Nicolet	794	5,608	6,402
Papineau	85	1,923	2,008
Pontiac	10	264	274
Portneuf	259	3,489	3,748
Québec	309	1,529	1,838
Richelieu	222	1,486	1,708
Richmond	150	2,053	2,203
Rimouski	346	2,612	2,958
Rivière-du-Loup	140	7,003	7,143
Rouville	530	5,016	5,546
Saguenay	19	324	343
Shefford	255	3,602	3,857
Sherbrooke	126	2,132	2,258
Soulanges	173	712	885
Stanstead	106	2,403	2,509
St. Hyacinthe	529	5,850	6,379
St. Johns	91	1,526	1,617
St. Maurice	244	1,618	1,862
Temiscamingue	85	458	543
Témiscouata	85	1,747	1,832
Terrebonne	140	1,662	1,802
Vaudreuil	40	460	500
Verchères	240	2,219	2,459
Wolfe	85	1,979	2,064
Yamaska	305	3,014	3,319
Totals, Quebec	**15,394**	**185,165**	**200,559**

TABLE 14. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Ontario during the Year Ended June 30, 1961

County	Materials	Mixed fertilizers	Total
	short tons		
Algoma	102	771	873
Brant	1,556	9,640	11,196
Bruce	3,854	11,988	15,842
Carleton	1,024	3,470	4,494
Cochrane	260	815	1,075
Dufferin	938	4,734	5,672
Dundas	302	1,405	1,707
Durham	804	6,306	7,110
Elgin	4,520	25,539	30,059
Essex	11,489	28,053	39,542
Frontenac	223	598	821
Glengarry	239	1,144	1,383
Grenville	197	1,763	1,960
Grey	1,844	7,343	9,187
Haldimand	1,174	3,939	5,113
Haliburton	–	27	27
Halton	639	3,610	4,249
Hastings	312	2,253	2,565
Huron	2,793	19,212	22,005
Kenora	–	105	105
Kent	17,789	51,367	69,158
Lambton	4,929	13,640	18,569
Lanark	215	1,323	1,538
Leeds	747	1,511	2,258
Lennox-Addington	81	605	686
Lincoln	2,060	5,400	7,460
Manitoulin	52	343	395
Middlesex	4,151	26,355	30,506
Muskoka	41	311	352
Nipissing	109	832	941
Norfolk	5,062	42,008	47,070
Northumberland	570	3,782	4,352
Ontario	735	6,127	6,862
Oxford	3,300	23,411	26,711
Parry Sound	45	465	510
Peel	540	3,728	4,268
Perth	1,782	14,095	15,877
Peterboro	187	1,386	1,573
Prescott	516	2,635	3,151
Prince Edward	210	1,252	1,462
Rainy River	9	16	25
Renfrew	586	936	1,522
Russell	438	2,158	2,596
Simcoe	1,697	16,212	17,909
Stormont	191	749	940
Sudbury	227	1,775	2,002
Temiskaming	183	727	910
Thunder Bay	163	844	1,007
Victoria	144	1,935	2,079
Waterloo	1,173	9,044	10,217
Welland	701	3,300	4,001
Wellington	1,310	11,590	12,900
Wentworth	1,198	6,817	8,015
York	3,035	17,856	20,891
No distribution	5,009	–	5,009
Totals, Ontario	**91,455**	**407,250**	**498,705**

TABLE 15. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold during the Years Ended June 30, 1960 and 1961

Province	1960				1961			
	Total tonnage sold	Contained			Total tonnage sold	Contained		
		Nitrogen (N)	Phosphoric acid (P_2O_5)	Potash (K_2O)		Nitrogen (N)	Phosphoric acid (P_2O_5)	Potash (K_2O)
	short tons							
(a) In materials								
Newfoundland	340	60	10	1	470	67	12	13
Prince Edward Island	380	80	21	7	498	46	28	35
Nova Scotia	2,120	343	205	56	2,032	241	178	52
New Brunswick	728	89	50	79	715	87	52	8
Quebec	15,142	492	2,830	326	15,394	523	2,491	248
Ontario	73,798	11,966	7,802	3,402	91,455	14,774	8,100	4,688
Manitoba	21,607	3,259	7,540	2	28,684	4,431	9,576	2
Saskatchewan	34,766	4,671	13,982	2	39,292	5,190	15,784	–
Alberta	79,122	13,561	22,965	18	103,224	16,330	29,160	–
British Columbia	15,717	2,634	2,128	494	15,966	2,406	2,415	[illegible]
Totals, Canada	**243,720**	**37,155**	**57,533**	**4,387**	**297,730**	**44,095**	**67,796**	**5,404**
Exported from Canada	918,626	211,688	90,868	15	923,846	207,259	91,674	3,654
Grand totals	**1,162,346**	**248,843**	**148,401**	**4,402**	**1,221,576**	**251,354**	**159,470**	**9,058**
(b) In mixtures								
Newfoundland	4,684	241	545	522	4,978	259	576	[illegible]
Prince Edward Island	53,549	2,895	6,167	6,360	58,294	3,232	6,758	6,[illegible]
Nova Scotia	24,717	1,234	3,237	2,606	27,533	1,429	3,617	2,[illegible]
New Brunswick	67,130	3,736	7,880	6,837	76,952	4,533	9,356	7,854
Quebec	158,624	6,080	21,375	19,332	185,165	7,455	26,053	23,476
Ontario	363,334	14,964	53,564	47,359	407,250	17,853	59,988	52,895
Manitoba	857	93	155	70	1,246	146	229	101
Saskatchewan	135	15	18	10	161	16	24	[illegible]
Alberta	756	78	193	74	873	92	222	[illegible]
British Columbia	17,922	1,330	2,576	1,718	17,230	1,368	2,513	1,[illegible]
Totals, Canada	**691,708**	**30,666**	**95,710**	**84,888**	**779,682**	**36,383**	**109,336**	**96,514**
Exported from Canada	50,365	4,779	7,450	5,921	52,618	3,037	4,592	4,801
Grand totals	**742,073**	**35,445**	**103,160**	**90,809**	**832,300**	**39,420**	**113,928**	**101,315**
(c) Total								
Newfoundland	5,024	301	555	523	5,448	326	588	568
Prince Edward Island	53,929	2,975	6,188	6,367	58,792	3,278	6,786	6,986
Nova Scotia	26,837	1,577	3,442	2,662	29,565	1,670	3,795	3,021
New Brunswick	67,858	3,825	7,930	6,916	77,667	4,620	9,408	7,862
Quebec	173,766	6,572	24,205	19,658	200,559	7,978	28,544	23,724
Ontario	437,132	26,930	61,366	50,761	498,705	32,627	68,088	57,583
Manitoba	22,464	3,352	7,695	72	29,930	4,577	9,805	103
Saskatchewan	34,901	4,686	14,000	12	39,453	5,206	15,808	12
Alberta	79,878	13,639	23,158	92	104,097	16,422	29,382	84
British Columbia	33,639	3,964	4,704	2,212	33,196	3,774	4,928	1,975
Totals, Canada	**935,428**	**67,821**	**153,243**	**89,275**	**1,077,412**	**80,478**	**177,132**	**101,918**
Exported from Canada	968,991	216,467	98,318	5,936	976,464	210,296	96,266	8,455
Grand totals	**1,904,419**	**284,288**	**251,561**	**95,211**	**2,053,876**	**290,774**	**273,398**	**110,373**

TABLE 16. Fertilizers Sold for Consumption in Canada during the Years Ended June 30, 1930-61

Year	Materials		Mixtures		Total
	Quantity	Percentage of total	Quantity	Percentage of total	
	short tons		short tons		short tons
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	651,180	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	686,566	79.1	870,539
1959	216,661	24.0	689,553	76.0	908,214
1960	243,720	26.1	691,708	73.9	935,428
1961	297,730	27.6	779,682	72.4	1,077,412

TABLE 17. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold in Canada during the Years Ended June 30, 1942-61

Year	In materials			In mixtures			Total		
	N	P_2O_5	K_2O	N	P_2O_5	K_2O	N	P_2O_5	K_2O
	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	2,594	19,213	72,951	55,423	36,570	119,364	58,017
1953	20,956	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	26,611	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
1960	37,155	57,533	4,387	30,666	95,710	84,888	67,821	153,243	89,275
1961	44,095	67,796	5,404	36,383	109,336	96,514	80,478	177,132	101,918

TABLE 18. Lime and Limestone Produced in Canada for Agricultural Purposes, 1943-60

Year	Lime	Limestone (including marl)	Year	Lime	Limestone (including marl)
	short tons			short tons	
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	608,912
1949	15,274	649,220	1958	3,538	691,067
1950	14,088	568,280	1959	8,515	703,167
1951	14,709	567,300	1960	...	...

... Figures not appropriate or not applicable.

List of Reporting Companies, 1961

Name of company	Address
Agricultural Chemicals, Ltd.	Chambly, Quebec; London Ontario; Port Hope, Ontario; Orangeville, Ontario. -57, 90
Algoma Steel Corporation Ltd.	Sault Ste. Marie, Ontario
American Agricultural Chemicals	Detroit, Michigan, U.S.A.
Bradford Fertilizer & Chemical Co., Ltd.	Bradford, Ontario
Buckerfields Limited	Vancouver, British Columbia
Burns and Co., Limited	Vancouver, British Columbia; Edmonton, Alberta
Canada Packers Limited 64	West Toronto, Welland, Chatham, Ontario
Canada Packers Limited 152	Montreal, Quebec; Sillery, Quebec -243
Canada Packers Limited	Saint John, New Brunswick -4
Canada Packers Limited	Windsor, Nova Scotia
Canada Packers Limited	Summerside, Prince Edward Island -2
Canadian Industries Limited 6	Halifax, Nova Scotia; McMasterville, Quebec; Montreal, Quebec; Chatham, Ontario; Hamilton; Ontario, Ingersoll, Ontario; Norwich, Ontario. -182 -360 151
Canadian Organics Developments Ltd.	Calgary, Alberta
Consolidated Mining and Smelting Company of Canada, Ltd.	Trail, British Columbia; Calgary, Alberta; Kimberley, British Columbia. -4
Cyanamid of Canada Limited	Niagara Falls, Ontario
Dominion Fertilizers Company Limited	Port Maitland, Ontario
Dominion Potash Ltd.	Westmount, Quebec
Dominion Steel and Coal Corporation Limited	Sydney, Nova Scotia
Dow Chemical of Canada Ltd.	Sarnia, Ontario
Elmira Fertilizers	Elmira, Ontario
Globe Fertilizer Company Ltd.	Vancouver, British Columbia
Green Valley Fertilizer & Chemical Co. Ltd.	North Surrey, British Columbia -1
Harris, W., and Co.	Toronto, Ontario
Harriston Fertilizers Ltd.	Harriston, Ontario
Houde, W., Ltd.	Laprairie, Quebec -339
Hy-Trous Company of Canada Limited	Cornwall, Ontario
International Fertilizers, Ltd.	Quebec, Quebec -57
International Fertilizers, Ltd.	Saint John, New Brunswick -6
Island Fertilizers, Ltd.	Charlottetown, Prince Edward Island -1
W.A. Jenkins Mfg. Co., The	London, Ontario
Manchester Products Limited	Galt, Ontario
Milwaukee Sewerage Commission	Milwaukee, Wisconsin, U.S.A.
Misner Fertilizers	Port Dover, Ontario
"Na-Churs" Plant Food Co. (Canada) Ltd.	London, Ontario
Northwest Nitro Chemical Co.	Medicine Hat, Alberta
Ontario Plant Foods Ltd.	Delhi, Ontario -401
Quebec Natural Gas Corporation	Montreal, Quebec
Rainbow Chemicals Ltd.	Tilbury, Ontario
Sherritt-Gordon Mines Ltd.	Fort Saskatchewan, Alberta
Steel Company of Canada Ltd.	Hamilton, Ontario
Summers Fertilizers Co., Inc.	St. Stephen, New Brunswick -5
Swift Canadian Company, Limited	New Toronto, Ontario -273
Swift Canadian Company, Limited	St. Boniface, Manitoba
Toronto Salt Works Ltd.	Toronto Ontario
United Co-operative Co. Ltd.	Toronto, Ontario; Stratford, Ontario; Thamesville, Ontario

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