

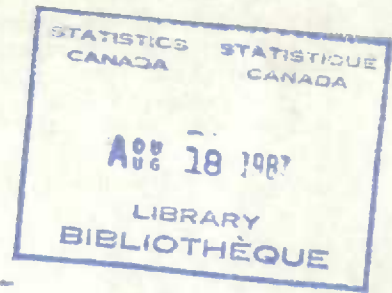
CATALOGUE No.

42-202

ANNUAL

C.3

JUL 4 1960



THE AGRICULTURAL IMPLEMENTS INDUSTRY

1958



Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division

June, 1960
6523-528

Price 50 cents

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 **Iron and Steel 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

M - Monthly

S.C. - Special Compilation

Catalogue number	Title	Price
41-201	Iron and Steel Products - General Review (A).....	.50
42-202	The Agricultural Implements Industry (A).....	.50
41-205	The Boilers and Plate Work Industry (A).....	.50
41-207	The Bridge Building and Structural Steel Industry (A).....	.25
41-208	The Hardware, Tools and Cutlery Industry (A).....	.50
41-209	The Heating and Cooking Apparatus Industry (A).....	.50
42-208	The Machinery Industry (A).....	.50
42-207	The Machine Shops Industry (A).....	.50
41-210	The Iron Castings Industry (A).....	.50
41-203	The Primary Iron and Steel Industry (A).....	.75
41-213	The Sheet Metal Products Industry (A).....	.50
41-216	The Wire and Wire Goods Industry (A).....	.50
41-217	The Miscellaneous Iron and Steel Products Industry (A).....	.50

41-001	Primary Iron and Steel (M).....	per year 3.00
41-002	Steel Ingots and Pig Iron (Preliminary) (M).....	per year 1.00
41-003	Production of Pig Iron and Steel (M).....	per year 1.00
41-004	Iron Castings and Cast Iron Pipes and Fittings (M).....	per year 1.00
41-005	Stoves and Furnaces (M).....	per year 1.00
41-006	Steel Wire and Specified Wire Products (M).....	per year 1.00
41-212	Scrap Iron and Steel (A).....	.25
63-203	Farm Implement and Equipment Sales (A).....	.50
64-202	Household Facilities and Equipment (A).....	.50
43-006	Air Conditioning and Refrigeration Equipment (M).....	per year 1.00
(S.C.)	Sanitaryware (M).....	per year 1.00
(S.C.)	Scrap Iron and Steel (M).....	per year 1.00
(S.C.)	Domestic Water Tank Heaters (M).....	per year 1.00
(S.C.)	Domestic and Farm Water Systems (M).....	per year 1.00
(S.C.)	Builders' Hardware (M).....	per year 1.00
(S.C.)	Heating Boilers and Radiators (M).....	per year 1.00
(S.C.)	Domestic Range Boilers (M).....	per year 1.00
(S.C.)	Cemented Tungsten Carbide (M).....	per year 1.00
(S.C.)	Welding Electrodes (M).....	per year 1.00
(S.C.)	Grinding Balls (A).....	.25
(S.C.)	Fans, Unit Heaters and Ventilators (A).....	.25
31-201	General Review of the Manufacturing Industries (A).....	2.00
31-001	Inventories, Shipments and Orders in Manufacturing Industries (M).....	per year 4.00
65-004	Trade of Canada - Exports (M).....	per year 7.50
65-007	Trade of Canada - Imports (M).....	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 AGRICULTURAL IMPLEMENTS INDUSTRY

1958

The Agricultural Implements Industry covers those firms which produced agricultural implements as their main product. However, some firms, which are classified to other industrial groups, produced agricultural implements as a minor part of their production. Tables 5 to 16 attempt to gather together production data from all industrial groups for the specified commodities.

Factory shipments reported by establishments which have been classified to the Agricultural Implements Industry were valued at \$133,145,309 in 1958, an increase of 8.7 per cent from the \$122,528,538 reported in 1957. The output of farm equipment in this industry amounted to \$125,853,584 in 1958, \$114,545,989 in 1957 and \$114,822,734 in 1956; the remainder of the output of the industry in each year was made up of miscellaneous types of machinery and parts. In other industries there was a small production of farm machinery amounting to \$3,234,377 in 1958, \$2,614,000 in 1957 and \$2,833,000 in 1956.

Seventy-one factories were included in the Agricultural Implements Industry in 1958, there being 27 in Ontario, 16 in Manitoba, 8 in each of

Quebec and Alberta, 7 in Saskatchewan and 5 in British Columbia. The works in Ontario accounted for 90 per cent of the total output.

The industry employed a total of 11,011 workers during the year, the 2,655 salaried employees being paid \$13,205,194 and the 8,356 wage-earners, \$34,139,235. The total of \$47,344,429 for salaries and wages was 20.5 per cent greater than the amount distributed to the 10,271 employees in 1957.

Note: Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

TABLE 1. Principal Statistics of the Agricultural Implements Industry, Significant Years, 1929-58, and by Provinces, 1957 and 1958

Year and province	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of fuel and electricity at plant	Cost of materials at plant	Value added by manufacture ¹	Gross selling value of products ¹
	number		dollars				
1929	62	11,408	14,775,889	799,634	19,016,981	20,842,864	40,659,479
1933	40	3,039	3,047,501	283,748	2,215,031	2,827,637	5,326,416
1937	37	6,446	7,350,043	567,240	9,319,032	9,075,122	18,961,394
1939	36	5,306	6,024,720	449,158	6,672,529	8,913,536	16,035,223
1944	39	14,053	25,469,083	1,086,700	25,165,749	34,846,344	61,098,793
1946	51	13,866	25,475,108	1,162,059	32,852,259	29,224,224	63,238,542
1949	79	17,074	44,219,589	2,092,645	95,685,026	79,192,612	176,970,283
1954	76	11,805	40,224,971	1,741,790	66,712,190	49,240,666	119,006,228
1955	77	11,753	41,929,040	1,749,126	59,283,305	54,464,347	113,923,309
1956	71	9,838	36,703,578	1,872,226	64,786,280	51,474,339	122,681,025
1957							
Quebec	8	250	724,916	35,482	728,729	1,065,913	1,821,291
Ontario	27	9,249	35,964,156	1,626,147	53,743,532	51,823,318	110,310,047
Manitoba	15	525	1,731,666	94,681	4,387,715	3,902,455	7,976,629
Saskatchewan	7	33	99,991	9,050	108,168	239,995	354,885
Alberta	8	165	605,931	37,575	640,873	775,640	1,464,119
British Columbia	5	49	151,456	10,080	246,754	367,012	601,567
Canada	70	10,271	39,278,116	1,813,015	59,855,771	58,174,333	122,528,538
1958							
Quebec	8	290	774,589	49,613	687,067	1,482,290	2,173,633
Ontario	27	10,030	44,105,299	1,763,715	72,126,603	54,544,585	122,111,559
Manitoba	16	455	1,624,884	88,905	3,447,889	3,177,300	6,389,318
Saskatchewan	7	29	125,937	7,903	146,411	307,124	470,558
Alberta	8	147	512,952	35,522	598,903	750,822	1,452,975
British Columbia	5	60	200,768	13,759	267,441	274,618	547,266
Canada	71	11,011	47,344,429	1,959,417	77,274,314	60,536,739	133,145,309

¹ See note to text.

Note: Profits or losses cannot be calculated from the above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Inventories,¹ 1958

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	dollars			
Opening:				
Quebec	345,605	122,067	242,433	710,105
Ontario	9,146,130	13,932,555	8,231,664	31,310,349
Manitoba	853,261	583,929	605,183	2,042,373
Alberta	377,040	111,272	492,485	980,797
Other provinces	140,785	43,505	125,272	309,562
Canada	10,862,821	14,793,328	9,697,037	35,353,186
Closing:				
Quebec	337,707	175,689	234,148	747,544
Ontario	8,452,123	20,210,749	8,276,814	36,939,686
Manitoba	706,480	852,013	661,875	2,220,368
Alberta	369,021	109,161	426,868	905,050
Other provinces	184,407	46,712	121,497	352,616
Canada	10,049,738	21,394,324	9,721,202	41,165,264

¹ (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Agricultural Implements Industry for the year under review are shown in the above table.

(c) The opening inventory for 1958 does not necessarily agree with the closing inventory for 1957 because of revisions such as the addition of new plants, the transfer of plants to other industries and plants going out of business, etc. However, the value added figures for the previous year have not been recalculated to allow for the revisions, mentioned above.

TABLE 3. Products of the Agricultural Implements Industry, 1957 and 1958

Product	1957		1958	
	Number	Value of factory shipments	Number	Value of factory shipments
		\$		\$
Planting, seeding and fertilizing machinery:				
Corn planters—Horse and tractor drawn and tractor mounted	2,079	454,278	810	252,513
Transplanters	221	45,624	534	130,731
Grain and fertilizer drills (combination)	9,071	4,725,928	8,469	4,860,758
Grain drills—Plain and press	994	497,724	606	93,763
Seed boxes for harrow-plows, one-way discs and tiller-combines ..	2,702	463,391	2,837	495,369
Manure spreaders	3,643	1,347,669	4,165	1,646,068
Manure loaders	130	46,659	—	—
All other planting, seeding and fertilizing machines	—	53,206	—	31,271
Plows:				
Walking plows:				
1-furrow	905	21,298	140	3,954
2-furrow	127	4,724	—	—
Riding gang plows—2-furrow	805	165,569	543	112,150
Mouldboard plows—Tractor-drawn or tractor mounted	10,582	1,560,411	14,285	1,832,764
Disc plows—Tractor-drawn	1,029	463,621	1,786	512,249
Harrow-plows, one-way discs, tiller-combines	4,403	3,140,278	4,158	2,756,107
All other plows	400	53,482	21,494	532,206
Tilling, cultivating and weeding machine:				
Harrows:				
Drag (sections)	35,345	364,388	20,856	216,401
Spring-tooth (sections)	5,690	301,535	3,535	118,503
Disc—Horse or tractor drawn:				
Under 12'	1,686	439,690	3,362	1,410,258
12' or over	1,213	642,864	912	494,015
Tandem tractor disc	5,668	1,366,657	6,884	1,730,034
Land rollers	1,621	105,941	3,714	276,541
Soil packers	2,094	124,476	886	68,247
Scufflers and horse hoes	248	6,703	541	72,469
Field cultivators:				
Horse and tractor drawn	8,662	2,706,634	7,345	2,195,866
Tractor-mounted	845	144,401	1,394	201,344
Rod weeders	1,446	268,713	1,585	333,255
Blade weeders	549	161,948	—	—
Other tilling, cultivating and weeding machines	—	1,301,042	—	2,092,192
Haying machinery:				
Mowers:				
Horse-drawn	272	54,549	177	37,214
Tractor-drawn or mounted	11,953	2,948,773	16,851	4,177,918
Hay loaders	212	54,052	149	30,525
Dump rakes	472	50,628	223	25,673
Side rakes and tedders	6,729	2,028,907	8,556	4,846,314
All other haying machinery (including hay balers, hay carriers, etc.)	—	7,714,567	—	10,563,119

TABLE 3. Products of the Agricultural Implements Industry, 1957 and 1958 - Concluded

Product	1957		1958	
	Number	Value of factory shipments	Number	Value of factory shipments
		\$		\$
Harvesting machinery:				
Combine reaper-threshers and stationary threshers	9,630	34,139,440	14,636	41,470,345
Swathers and windrowers	8,744	10,073,542	4,913	5,402,047
Pick-up attachments for combines	4,761	1,038,311	1,805	300,815
Grain binders:				
Ground-drive	63	12,266	—	—
Power take-off drive	2	378	—	—
Potato diggers—horse or tractor drawn	26	11,669	23	6,715
All other harvesting machines (including headers, push harvesters, barge elevators, etc.)	—	1,137,610	—	1,056,574
Machines for preparing crops for market or use:				
Ensilage cutters	35	21,098	53	52,390
Grain grinders	2,160	117,109	3,139	179,072
Rollers or crushers	10	1,000	—	—
Fanning mills or grain cleaners	1,378	411,744	992	279,290
Hammermills	353	69,111	328	71,464
Feed mixers	124	18,494	1	75
Grain loaders and elevators	6,182	804,985	4,612	697,237
All other machines for preparing crops for market or use	—	41,364	—	89,122
Tractors and engines:				
Garden tractors (including motor tillers)	100	10,000	9	957
Spraying and dusting equipment:				
All types (including attachments)	—	1,122,903	—	1,179,240
Farm wagons, trucks and sleighs:				
Wagon boxes	929	174,676	825	201,604
Wagon gears (standard)	1,942	231,780	1,024	130,698
Farm trucks (low wheel—Steel or wood)	29	4,183	1,635	238,530
Rubber-tired gears or trailers	4,057	402,189	4,611	438,592
Sleighs	171	13,021	392	19,981
All other farm wagons, sleighs and trucks	—	180,472	—	76,401
Domestic water systems and pumps:				
Domestic water-pressure systems and power-pumps	1,226	79,063	1,178	100,955
All other systems and pumps	—	—	—	42,752
Dairy machinery and equipment, including cream separators, milking machines, etc.	—	2,938,846	—	2,310,710
Miscellaneous farm implements and machinery	—	7,200,001	—	9,596,103
Parts and accessories for farm implements and machinery	—	20,460,403	—	19,762,084
Total farm machinery and parts	—	114,545,989	—	125,853,584
Amount received for custom work and repairs	—	375,388	—	140,178
All other products	—	7,607,163	—	7,151,547
Total all products	—	122,528,538	—	133,145,309

TABLE 4. Materials Used in the Agricultural Implements Industry, 1957 and 1958

Material	1957		1958		
	Quantity	Total cost at works \$	Quantity	Total cost at works \$	
Iron:					
Pig iron, all grades.....	ton	8,489	509,957	8,240	515,263
Castings (rough and semi-finished received from foundry):					
Iron (gray and malleable).....	"	17,227	4,269,099	27,184	5,836,692
Steel	"	703	252,701	1,889	661,335
Steel, hot or cold rolled (except special alloy steel):					
Bars.....	"	40,181	6,049,238	51,444	7,737,331
Plates.....	"	4,625	666,670	7,287	1,139,505
Sheets, plain.....	"	25,562	3,497,312	37,017	4,973,899
Sheets, galvanized.....	"	4,932	860,291	5,668	968,611
Tin plate.....	"	1	280	6	1,800
Strip.....	"	4,302	697,847	4,479	762,516
Structural shapes (angles, channels, etc.).....	"	11,949	1,759,378	16,283	2,387,279
Wire.....	"	354	61,007	419	84,745
Scrap iron and steel of all kinds.....	"	9,845	502,911	12,504	522,058
Pipe, tubing and fittings of iron and steel.....		—	1,800,285	—	1,985,024
Other iron and steel (except finished parts).....		—	526,107	—	489,492
Alloy steel:					
Carbon and alloy tool steels, including high-speed.....		—	96,289	—	53,972
Stainless steels.....		—	366,354	—	379,292
Other alloy steels.....		—	324,651	—	345,343
Ferro-alloys.....		—	64,654	—	81,071
Non-ferrous metals (all forms, including scrap):					
Aluminum—Castings.....	pound	352,383	191,771	54,361	33,349
Sheet.....	"	26,497	14,450	22,822	12,382
Other forms.....	"	61,585	23,238	34,355	12,487
Brass and bronze.....	"	180,620	86,090	148,815	68,325
Copper—Sheet.....		—	—	—	—
Wire.....	pound	3,392	1,610	—	—
Other forms.....	"	—	—	—	—
Lead.....	"	53,649	8,233	9,222	1,753
Nickel.....	"	81,079	45,014	70,000	42,735
Tin.....	"	2,882	3,086	1,500	1,797
Zinc.....	"	210,726	38,614	176,700	26,712
Babbitt metals and solder.....	"	25,530	18,367	6,313	6,518
Other non-ferrous metals.....		—	15,098	—	52,707
Other materials and supplies:					
Paints, oils and varnishes.....		—	806,758	—	1,019,856
Cotton, duck and other textiles.....		—	724,039	—	470,795
Foundry coke (used in cupola, not for heat or power).....	ton	4,278	135,903	4,687	153,200
Moulding sands.....	"	2,150	24,030	—	—
Core sands.....	"	3,855	19,920	6,725	59,702
Other foundry sands.....	"	291	2,825	—	—
Lumber.....	M ft. b.m.	6,828	709,548	7,176	751,799
Fireclay.....	ton	545	9,763	515	9,624
Cupola blocks and firebrick.....		—	42,029	—	26,217
Core oil.....	Imp. gal.	8,350	10,921	14,938	15,207
Shipping containers.....		—	348,493	—	397,466
All other materials and supplies.....		—	34,270,940	—	45,186,355
Total.....		—	59,855,771	—	77,274,314

TABLE 5. Production of Plows,¹ 1949-58 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1949	48,848	7,767,151	1954	15,443	2,979,804
1950	41,709	7,918,510	1955	24,210	4,163,342
1951	44,446	8,916,831	1956	19,573	3,272,497
1952	39,902	9,285,252	1957	13,848	2,269,105
1953	21,577	4,402,949	1958	38,248	2,993,323

¹ Not including harrow-plows, one-way discs or tiller-combines. Factory shipments since 1952.

TABLE 6. Production¹ of Mowers, 1949-58 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1949	28,187	3,880,013	1954	7,006	1,389,653
1950	16,658	2,708,979	1955	19,579	4,988,324
1951	16,540	2,617,253	1956	14,739	3,497,691
1952	22,050	4,013,947	1957	12,225	3,003,322
1953	13,930	2,717,178	1958	17,028	4,215,132

¹ Factory shipments since 1952.

TABLE 7. Production¹ of Harrows, 1949-58 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1949	121,371	5,439,217	1954	65,365	2,676,529
1950	97,047	5,290,631	1955	50,352	3,058,704
1951	72,068	6,802,840	1956	44,016	2,943,638
1952	85,643	6,983,941	1957	49,602	3,115,134
1953	88,906	6,069,265	1958	35,549	3,969,211

¹ Factory shipments since 1952.

TABLE 8. Production¹ of Grain Binders, 1949-58 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1949	12,615	5,123,012	1954	320	163,082
1950	6,147	2,306,723	1955	94	64,805
1951	3,557	1,409,554	1956	312	142,723
1952	5,398	2,347,188	1957	65	12,644
1953	1,763	800,916	1958	-	-

¹ Factory shipments since 1952.

TABLE 9. Production¹ of Threshers and Reaper-Threshers, 1949-58 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1949	23,859	53,374,814	1954	12,891	37,433,104
1950	18,973	41,449,898	1955	11,621	36,465,347
1951	22,384	56,212,282	1956	10,742	36,506,209
1952	24,562	69,632,328	1957	9,669	34,186,270
1953	21,870	61,825,147	1958	14,645	41,482,845

¹ Factory shipments since 1952.TABLE 10. Production¹ of Seed Drills, 1949-58 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1949	8,301	2,845,541	1954	3,848	1,617,099
1950	11,704	4,247,621	1955	1,881	775,703
1951	11,902	5,597,882	1956	1,024	439,171
1952	10,629	4,671,475	1957	994	497,724
1953	7,669	3,164,105	1958	606	93,763

¹ Factory shipments since 1952.TABLE 11. Production¹ of Cream Separators, 1949-58 (from All Industries)

Year	300 pounds and under		Over 300 pounds		Total	
	Number	Selling value at works	Number	Selling value at works	Number	Selling value at works
		\$		\$		\$
1949	1,605	69,520	6,637	791,597	8,242	861,117
1950	336	7,884	3,331	403,943	3,667	411,827
1951	577	24,413	5,291	730,004	5,868	754,417
1952	656	29,398	5,632	692,304	6,288	721,702
1953	—	—	3,426	389,292	3,426	389,292
1954	—	—	3,227	373,580	3,227	373,580
1955	—	—	1,600	180,774	1,600	180,774
1956	184	15,814	511	52,241	695	68,055
1957	351	44,740	—	—	351	44,740
1958	62	5,986	—	—	62	5,986

¹ Factory shipments since 1952.TABLE 12. Production¹ of One-way Discs, Harrow-Plows and Tiller-Combines, 1949-58 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1949	39,868	13,051,057	1954	8,006	4,048,150
1950	29,498	10,083,519	1955	3,279	1,719,731
1951	23,102	8,819,419	1956	4,392	2,678,895
1952	21,034	9,958,121	1957	4,403	3,140,278
1953	17,073	7,914,542	1958	4,158	2,756,107

¹ Factory shipments since 1952.

TABLE 13. Production¹ of Cultivators, 1949 - 58 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1949	27,118	3,758,130	1954	9,649	2,566,451
1950	27,999	5,115,228	1955	12,870	2,809,700
1951	28,318	4,836,787	1956	13,726	3,752,537
1952	28,429	5,361,483	1957	11,222	3,627,464
1953	13,558	3,466,288	1958	12,606	3,323,643

¹ Factory shipments since 1952.

TABLE 14. Production¹ of Weeders and Corn Planters, 1949 - 58 (from All Industries)

Year	Weeders		Corn planters	
	Number	Selling value at works	Number	Selling value at works
		\$		\$
1949	4,548	867,278	2,770	416,833
1950	2,157	419,867	151	27,865
1951	2,515	475,197	3,133	342,496
1952	2,105	436,855	2,238	184,310
1953	2,206	474,441	1,850	132,172
1954	2,216	607,541	1,201	164,804
1955	1,658	480,158	1,608	223,120
1956	1,577	314,143	1,352	218,472
1957	1,995	430,661	2,079	454,278
1958	1,585	333,255	810	252,513

¹ Factory shipments since 1952.

TABLE 15. Production¹ of Hay Loaders and Hay Rakes, 1949 - 58 (from All Industries)

Year	Hay loaders		Hay rakes, including combination side rakes and tedders	
	Number	Selling value at works	Number	Selling value at works
		\$		\$
1949	6,502	1,005,490	20,474	2,309,973
1950	6,674	1,079,047	15,943	2,303,098
1951	6,467	1,119,685	16,298	2,497,341
1952	6,019	1,175,843	18,744	3,211,930
1953	4,755	954,059	11,539	2,280,599
1954	1,674	398,565	7,773	1,790,724
1955	1,272	286,545	9,937	2,184,269
1956	304	63,975	6,987	1,155,490
1957	212	54,052	7,204	2,079,695
1958	149	30,525	8,784	4,872,487

¹ Factory shipments since 1952.

TABLE 16. Production¹ of Manure Spreaders, 1949 - 58 (from All Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1949	13, 199	2, 013, 387	1954	6, 024	2, 148, 507
1950	7, 000	1, 493, 878	1955	5, 276	1, 782, 546
1951	8, 769	2, 260, 385	1956	4, 531	1, 591, 328
1952	8, 440	2, 600, 927	1957	3, 643	1, 347, 669
1953	11, 821	3, 954, 225	1958	4, 165	1, 646, 068

¹ Factory shipments since 1952.

TABLE 17. Production, Imports and Exports of Agricultural Implements and Parts, 1949 - 58

Year	Production	Imports	Exports
		dollars	
1949	169, 617, 000	177, 210, 000	92, 527, 000
1950	141, 674, 000	161, 642, 000	87, 811, 000
1951	162, 349, 000	195, 082, 000	106, 438, 000
1952	194, 688, 000	197, 266, 000	105, 408, 000
1953	159, 851, 000	209, 143, 000	74, 316, 000
1954	113, 089, 000	143, 163, 000	76, 771, 000
1955	109, 701, 000	178, 248, 000	76, 010, 000
1956	117, 656, 000	232, 148, 000	67, 477, 000
1957	117, 896, 000	202, 222, 000	69, 676, 000
1958	129, 088, 000	198, 295, 000	97, 594, 000

Note: In Table 17 production values are computed at factory selling prices, the import values are based on fair market prices in countries of origin, and export values represent the amounts actually received for goods, exclusive of freight, insurance and other handling charges. Details of imports and exports are shown in Tables 25 and 26.

TABLE 18. Farm Implement and Equipment Sales, (including Repair Parts) by Provinces, 1954 - 58

Province	1954	1955	1956	1957	1958
			dollars		
Canada	174, 038, 491	181, 576, 398	202, 592, 127	183, 721, 649	205, 993, 039
Atlantic provinces	6, 229, 393	7, 843, 010	8, 485, 890	6, 369, 173	6, 897, 786
Quebec	19, 456, 223	24, 454, 624	26, 630, 438	27, 954, 950	30, 455, 335
Ontario	45, 368, 336	50, 053, 037	49, 265, 892	46, 152, 225	50, 060, 232
Manitoba	18, 854, 021	18, 609, 712	22, 532, 551	18, 699, 296	21, 530, 215
Saskatchewan	45, 271, 951	40, 328, 513	50, 104, 179	41, 568, 005	46, 421, 324
Alberta	34, 043, 228	34, 380, 094	39, 676, 998	38, 213, 577	45, 504, 705
British Columbia	4, 815, 339	5, 907, 408	5, 896, 179	4, 764, 423	5, 123, 442

Note: In Table 18 the values are based on distributors' wholesale prices. The details of sales are given in a separate report which may be obtained by applying to the Dominion Bureau of Statistics, Ottawa, Canada.

TABLE 19. Number of Specified Machines on Farms, 1951 (according to last Decennial Census)

Province	Auto- mobiles	Motor trucks	Tractors	Gasoline engines	Thresh- ing machines	Grain binders	Grain com- bines	Mowing ma- chines	Milking ma- chines	Electric motors
	number									
Newfoundland	185	507	126	136	5	4	—	737	66	131
Prince Edward Island	4,147	1,679	2,776	3,813	2,973	5,956	18	7,720	454	1,754
Nova Scotia.....	6,970	5,687	4,307	2,178	826	2,101	16	16,114	1,903	3,861
New Brunswick.....	7,999	4,786	5,221	2,439	2,450	4,149	211	16,288	1,901	3,471
Quebec.....	41,602	19,167	31,971	30,692	30,360	43,467	420	103,936	18,238	43,638
Ontario.....	114,870	41,486	105,204	20,243	15,946	85,135	10,031	112,567	38,740	84,679
Manitoba	32,060	21,163	50,984	17,370	9,425	31,410	15,268	37,856	2,302	18,850
Saskatchewan	62,963	52,626	106,664	55,763	19,221	70,584	42,997	63,838	2,330	12,711
Alberta.....	46,314	39,723	79,282	46,003	14,768	57,930	20,852	53,468	4,469	20,925
British Columbia ...	12,557	9,291	13,148	4,407	717	2,638	687	10,743	3,788	6,661
Yukon.....	—	7	3	7	—	—	—	5	—	—
Canada.....	329,667	196,122	399,686	183,051	96,691	303,374	90,500	423,272	74,191	196,681

TABLE 20. Principal Statistics of the Agricultural Implements Industry, classified according to Type of Ownership, 1957 and 1958

Type	Estab- lish- ments	Em- ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
	number		dollars		
1957					
Individual ownership	14	43	102,691	109,686	311,422
Partnerships	3	24	68,020	128,502	222,311
Incorporated companies.....	52	10,204	39,107,405	59,617,583	121,994,805
Co-operatives	1				
Total	70	10,271	39,278,116	59,855,771	122,528,538
1958					
Individual ownership	11	51	112,920	154,208	432,429
Partnerships	4	34	89,690	117,831	219,472
Incorporated companies.....	55	10,926	47,141,819	77,002,275	132,493,406
Co-operatives	1				
Total	71	11,011	47,344,429	77,274,314	133,145,309

TABLE 21. Principal Statistics of the Agricultural Implements Industry in Canada, grouped according to Value of Factory Shipments, 1957 and 1958

Establishments reporting value of factory shipments	Estab-lish-ments	Em-ployees	Salaries and wages	Cost at plant of materials used	Selling value of factory shipments
1957					
Under \$10,000	4	5	12,315	12,240	27,006
\$10,000 to \$24,999	12	32	78,786	65,829	187,273
\$25,000 " \$49,999	8	42	99,314	101,465	274,596
\$50,000 " \$99,999	11	120	306,267	375,334	842,165
\$100,000 " \$199,999	9	214	533,418	493,647	1,225,371
\$200,000 " \$499,999	6	158	464,024	1,011,981	1,841,710
\$500,000 " \$999,999	10	670	2,327,413	2,766,103	7,324,167
\$1,000,000 " \$4,999,999	6	1,119	4,199,301	7,468,990	14,978,678
\$5,000,000 and over	4	7,905	31,180,675	47,560,182	95,827,572
Head offices	-	6	76,603	-	-
Total	70	10,271	39,278,116	59,855,771	122,528,538
1958					
Under \$10,000	6	9	10,914	17,756	32,039
\$10,000 to \$24,999	11	35	63,475	78,460	187,183
\$25,000 " \$49,999	7	36	93,722	129,357	250,101
\$50,000 " \$99,999	9	134	276,824	246,683	634,599
\$100,000 " \$199,999	10	154	439,693	472,507	1,430,416
\$200,000 " \$499,999	10	332	1,090,425	1,232,572	3,097,782
\$500,000 " \$999,999	8	548	1,863,747	2,598,904	6,245,497
\$1,000,000 " \$4,999,999	5	789	2,922,633	4,838,718	8,899,898
\$5,000,000 and over	5	8,969	40,513,478	69,659,357	112,367,794
Head offices	-	5	69,518	-	-
Total	71	11,011	47,344,429	77,274,314	133,145,309

TABLE 22. Capital and Repair Expenditures in the Agricultural Implements Industry, 1954 - 58

Year	Capital expenditures			Repair and maintenance expenditures			Total capital and repair expenditures
	Construction	Machinery and equipment	Sub-total	Construction	Machinery and equipment	Sub-total	
thousands of dollars							
1954	627	2,378	3,005	635	3,357	3,992	6,997
1955	737	1,665	2,402	748	2,205	2,953	5,355
1956	1,329	2,126	3,455	787	1,928	2,715	6,170
1957	1,162	2,902	4,064	918	2,266	3,184	7,248
1958	441	2,230	2,671	708	3,304	4,012	6,683

Note: Figures for the current year are preliminary.

TABLE 23. Employees and their Earnings in the Agricultural Implements Industry, by Provinces, 1957 and 1958

Province	Employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
	number					dollars		
1957								
Quebec	47	10	188	5	250	222,642	502,274	724,916
Ontario	1,805	489	6,848	107	9,249	10,074,297	25,889,859	35,964,156
Manitoba	66	20	428	11	525	548,689	1,182,977	1,731,666
Saskatchewan	9	1	23	—	33	30,197	69,794	99,991
Alberta	53	9	103	—	165	314,830	291,101	605,931
Other provinces	12	3	34	—	49	43,097	108,359	151,456
Canada	1,992	532	7,624	123	10,271	11,233,752	28,044,364	39,278,116
1958								
Quebec	47	11	228	4	290	225,974	548,615	774,589
Ontario	1,923	525	7,495	87	10,030	12,207,535	31,897,764	44,105,299
Manitoba	58	25	369	3	455	511,387	1,113,497	1,624,884
Saskatchewan	9	1	19	—	29	46,382	79,555	125,937
Alberta	33	9	100	2	147	171,898	341,054	512,952
British Columbia	10	1	49	—	60	42,018	158,750	200,768
Canada	2,083	572	8,260	96	11,011	13,205,194	34,139,235	47,344,429

TABLE 24. Production Workers, by Months, 1958

Month	Establishments reporting monthly detail ¹		Establishments not reporting monthly detail ¹		All establishments		
	Male	Female	Male	Female	Male	Female	Total
	number						
January	8,587	118					
February	9,017	114					
March	9,353	104					
April	9,353	100					
May	8,811	108	158	2	8,969	110	9,087
June	7,962	102					
July	7,163	75					
August	5,065	72					
September	7,510	82					
October	7,747	82					
November	8,118	83					
December	8,546	87					
Average²					8,260	96	8,356

¹ The number of production workers, by months, was generally collected for establishments reporting value of shipments of \$100,000 and over. For smaller establishments only the number employed during the last pay period of May, 1958, was collected.

² The average for establishments generally reporting shipments of less than \$100,000 was estimated by using average annual earnings data for the large establishments in conjunction with reported payrolls for the small establishments.

TABLE 25. Imports of Agricultural Implements, 1957 and 1958

Item	1957		1958	
	Quantity	Value	Quantity	Value
		\$		\$
Cream separators No.	8,029	1,110,526	7,434	877,078
Cream separator parts	—	142,450	—	134,486
Milk clarifiers and complete parts	—	40,019	—	40,621
Milking machines, and attachments therefor; centrifugal machines for testing butter fat, milk or cream, and complete parts of articles specified in this item.....	—	1,793,935	—	2,323,533
Pasteurizers for dairying purposes, and complete parts.. No.	—	399,126	273	465,029
Dairy machinery, viz: power churns, power milk coolers, power fillers and cappers, power ice-cream mixers, power butterprinters, power cream savers, power bottle sterilizers, power brine tanks, power milk bottle washers, power milk can washers; ice-breaking machines, valveless or centrifugal milk pumps, sanitary milk and cream vats; none of the foregoing machinery to include motive power	—	2,679,711	—	4,229,334
Forks, pronged	7,240	85,177	8,050	77,511
Harvesters, self-binding or not, and binding attachments and parts	No. 2,103	3,325,581	1,328	2,271,789
Hay loaders and parts	" 478	102,239	421	98,525
Hay tedders and parts	" —	642	5	763
Mowing machines and parts.....	" 8,525	2,484,937	7,687	2,742,566
Potato diggers and planters, and parts	" 962	505,298	986	583,386
Rakes, horse or power, and parts.....	" 10,877	3,190,142	9,751	3,037,635
Rakes, n.o.p.	doz. 29,192	170,534	37,116	199,788
Reapers and parts.....	—	—	—	—
Scythes.....	doz. 3,440	50,466	4,022	66,796
Sickles or reaping hooks	" 1,142	8,358	2,393	17,775
Cultivators, horse hoes, scufflers, weeders, and parts ..	—	3,465,973	—	4,922,920
Drills, seed, garden seeders, and parts	—	1,460,225	—	1,681,901
Harrows, disc, and parts	—	880,075	—	940,673
Harrows and parts n.o.p.	—	538,695	—	659,268
Hoes	doz. 3,152	32,768	3,604	27,231
Plows, disc, and parts.....	—	830,921	—	707,526
Plows and parts, n.o.p.	—	1,802,982	—	2,423,827
Rollers, farm, field, lawn or garden, and soil packers, and parts	No. 2,366	66,647	1,443	60,034
Fanning mills, peaviners and corn-husking machines, and parts	" 772	817,899	720	653,515
Harvesters in combination with threshing machine separators, and complete parts.....	" 2,675	16,384,583	2,531	19,472,265
Threshing machine separators	" 76	31,053	52	31,603
Threshing machine separators, parts of, including weighers, wind stackers, baggers and self-feeders and parts	—	344,673	—	208,841
Equipment for generating electric power for farm purposes only, viz: engine, gas tank, generator, storage battery and switchboard, and complete parts	—	50,561	—	56,041
Fodder, feed or ensilage cutters, and parts	No. 355	226,361	902	515,447

TABLE 25. Imports of Agricultural Implements, 1957 and 1958 - Concluded

Item	1957		1958	
	Quantity	Value	Quantity	Value
		\$		\$
Fruit and vegetable grading, grating, washing and wiping machines, and combination bagging and weighing machines, and complete parts thereof; machines for topping vegetables, and machines for bunching and tying cut flowers, vegetables and nursery stock, and complete parts thereof; machines for making or lidding boxes for fruit or vegetables; egg-graders and egg-cleaners and complete parts thereof; apparatus for sterilizing bulbs; pressure-testing apparatus for determining maturity of fruit and parts	-	626,335	-	793,364
Grain crushers and grain or hay grinders, and parts	No. 1,725	486,233	3,126	966,634
Hay presses and parts	" 9,288	11,525,028	6,297	8,054,706
Manure spreaders and parts	" 6,042	2,000,562	6,624	2,588,602
Post hole diggers and parts	" 3,910	133,800	3,189	233,736
Spades and shovels, of iron or steel, n.o.p.	doz. 10,316	130,387	9,072	120,747
Spraying and dusting machines and parts, including hand sprayers and parts	-	1,796,102	-	2,124,141
Traction ditching machines (not being plows), and parts	No. 150	1,644,334	113	980,228
Tractors, internal combustion (for farm and other purposes)	" 30,352	82,968,977	28,157	76,482,366
Tractors, internal combustion, parts of; traction attachments and parts (for farm and other purposes)	-	44,688,982	-	40,802,518
Windmills and complete parts, not including shafting	-	6,758	-	12,638
Pruninghooks and shears and animal dehorning instruments	-	144,458	-	179,218
Agricultural implements and parts, other	-	13,047,098	-	15,424,408
Total imports	-	202,221,611	-	198,294,713

TABLE 26. Exports of Agricultural Implements, 1957 and 1958

Item	1957		1958	
	Quantity	Value	Quantity	Value
		\$		\$
Swathers or windrowers	No. 3,383	4,522,994	2,863	4,171,044
Cream separators and parts	-	8,357	-	8,928
Milking machines and parts	-	1,350,532	-	782,956
Harvesters and binders	No. 1	1,395	-	-
Hay rakes	" 3,538	1,022,385	5,791	1,799,470
Mowing machines and reapers	" 7,063	2,101,030	11,614	3,633,723
Reaper-threshers	" 7,094	27,140,728	12,461	43,095,781
Cultivators	" 3,030	796,017	4,405	1,123,063
Drills and sowers	" 7,322	2,626,132	6,149	2,513,124
Harrows, disc, and parts	-	2,805,766	-	2,500,659
Harrows and parts, n.o.p.	-	86,529	-	53,748
Plows, disc, and parts	-	2,891,164	-	3,023,201
Plows and parts, n.o.p.	-	3,255,729	-	4,317,761
Planters	No. 516	64,260	776	207,325
Threshing-machine separators and parts	-	21,725	-	14,018
Garden and farm tools	-	99,226	-	60,893
Spades and shovels, and parts	doz. 1,606	34,164	1,813	37,687
Garden tractors	No. -	-	2	600
Farm tractors	" 1,098	2,337,126	1,533	3,763,971
Attachments for agricultural implements	-	1,043,564	-	1,478,711
Farm implements and machines, n.o.p.	-	5,186,153	-	9,798,008
Parts of farm implements and machines, n.o.p.	-	12,280,992	-	15,209,164
Total exports	-	69,675,968	-	97,593,830

TABLE 27. Fuel and Electricity Used in the Agricultural Implements Industry, 1958

Kind	Quantity	Cost at
		works
		\$
1. Establishments reporting commodity detail: ¹		
Bituminous coal (a) From Canadian mines	ton 12,083	123,156
(b) Imported	" 40,541	443,391
Sub-bituminous coal from Alberta mines	" 94	875
Anthracite coal	" 174	3,005
Lignite coal	" 317	2,955
Coke	" 353	11,168
Gasoline, including gasoline used in cars and trucks	Imp. gal. 359,725	126,710
Fuel oil	" 2,332,973	281,423
Wood	cord 79	1,595
Gas (a) Liquefied petroleum gases	Imp. gal. 5,829	1,674
(b) Other manufactured gas	M cu. ft. 131,207	81,618
(c) Natural gas	" 73,655	64,349
Other fuel	-	3,904
Electricity purchased	kwh. 83,105,282	776,538
2. Establishments not reporting commodity detail: ¹		
Cost of fuel	-	22,794
Electricity purchased	-	14,262
3. All establishments:		
Total cost of fuel	-	1,168,617
Total cost of electricity	-	790,800
Total cost of fuel and electricity	-	1,959,417

¹Data on the quantity and value of the different kinds of fuel and on the quantity of electricity used were generally not collected for establishments reporting value of shipments of less than \$100,000. Only the total cost of fuel and the total cost of electricity were collected for these establishments.

TABLE 28. Total Horsepower Rating of Power Equipment in Use or Available for Use in the Agricultural Implements Industry at the End of 1958

Type of equipment	Driving	Not driving
	generators	generators
	horsepower	
Prime movers:		
Steam engines	-	550
Steam turbines	1,400	187
Gasoline, gas and oil engines, other than diesel engines	35	638
Total	1,435	1,375
Electric motors (one-quarter horsepower and over)	-	69,936

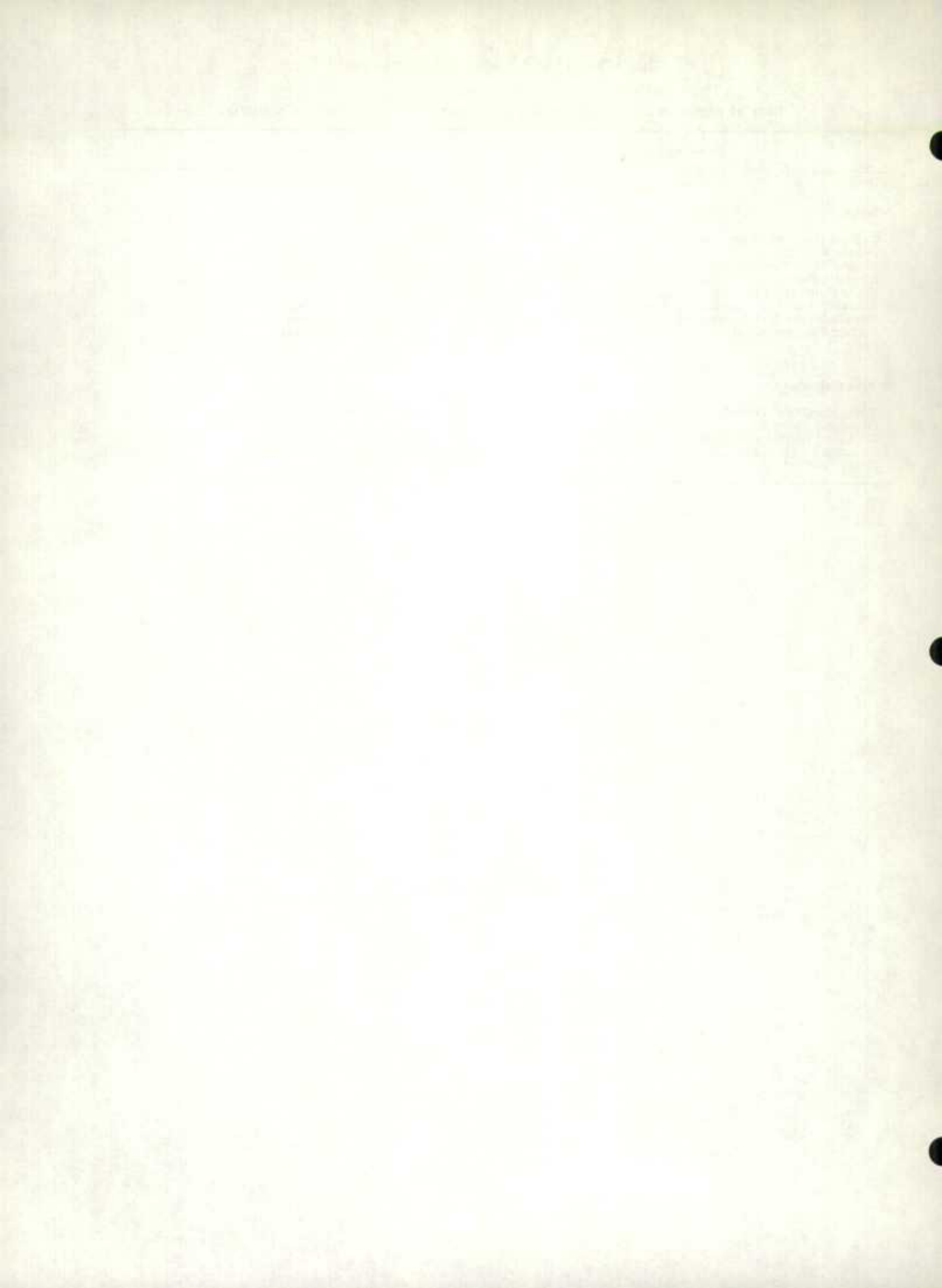
only 4 >500 empl. in 1951
deLaval

List of Firms in the Agricultural Implements Industry, 1938

Name of firm	Address
Quebec:	
Desjardins Limitée	St-Andre de Kamouraska
Dion Frères Inc.	St-Thérèse de Blainville
Gaudreau, J.E. Enrg.	Rue St-Jean Baptiste, Montmagny P.O.
La Cie R.A. Lajoie Ltée.	St. Pie
La Compagn Jutras Limitée	Victoriaville
Ledoux, V., Steel Products Ltd.	St-Hyacinthe
Laperle, Louis, Enrg.	St-Ours
Machineries Pont Rouge Ltd.	Pont Rouge
Ontario:	
Canadian Potato Machinery Co., Ltd.	17 Jarvis St., Galt
Cockshutt Farm Equipment Limited	66 Mohawk St., Brantford
Deere, John, Welland Works of	P.O. Box 430, Welland, Ont.
DeLaval Company Limited	113 Park St. S., Peterborough
Delhi Foundry & Farm Machinery Co.	191 King St., Delhi
Delhi Ornamental Iron	Delhi
Ebersol Farm Equipment Co. Limited	Milverton
Ernst Bros. Company Limited	Durham St., Mount Forest
Gray-Snyder Ltd.	Hillsburgh
Herrgott Thresher Co. Limited	Main St., St. Clements
International Harvester Company of Canada, Limited	Sherman Ave. N., Hamilton
Jacksons Mfg. & Machinery Ltd.	Tillsonburg
Kelsey Manufacturing Co.	Waverley St., Delhi
Lewis, Clarence W., & Son, Limited	8 Patton St., Grimsby
Lobsinger Bros. Ltd.	Mildmay
McKee Bros. Ltd.	Union St., Elmira
Massey-Harris-Ferguson Ltd.	915 King St. W., Toronto
Massey-Harris-Ferguson Ltd.	645 Dundas St., Woodstock
Massey-Harris-Ferguson Ltd.	Market St. and Greenwich St., Brantford
Otaco Limited	West St., Orillia
Ritthehouse, M.K., & Sons	Jordan Station
Sedore, Ernest, & Son	Mount Albert
Serviss Industries	61 Wigle St., Leamington
Smith Brothers (Camden)	R.R. No. 1, Thamesville
Spramotor Ltd.	1099-1105 York St., London
Tac-lite Limited	131 Grand Ave. S., Galt
White, Geo., & Sons Co., Ltd.	Cabell Ave., London
Manitoba:	
Canadian Co-operative Implements Ltd.	601 Bowman Ave., Winnipeg
Cascade Brothers Ltd.	12th & Richmond Ave., Brandon
Derby Manufacturing Co.	414 Osborne St., Winnipeg 13
Forever Industries Limited	115 Robinson St., Winnipeg
Hart-Emerson Simon Ltd., The	1425 Whyte Ave., Winnipeg
High Speed Seeder Mfg. Co. Ltd.	Clearwater
Hydraulic Engineering Co.	Partridge & Aikins Sts., Winnipeg
Imperial Steel Products Ltd.	901 Madison St., St. James
Inland Steel & Forgings Limited	675 Washington Ave., Winnipeg
Killbery Industries Ltd.	631 Ferry Road, St. James
Machine Industries Ltd.	1151 Valour Rd., Winnipeg
Malmgren Implement Mfg. Co. (Man.) Ltd.	753 Marion St., St. Boniface
Markwill Industries Ltd.	450 Youville St., St. Boniface
Northern Equipment Limited	277 Madison St., St. James
Plett's Industries	Rosenort
Standard Gas Engine Works	Morden
Saskatchewan:	
Brandt Electric Ltd.	1101 Winnipeg St., Regina
Brown Industries	Drinkwater, Sask.
Flexi-coil Land Packers Limited	1025 Ave. P. South, Saskatoon
Morris Rod Weeder Co. Ltd.	62 Argyle St., Yorkton
Nodge Manufacturing Co.	140-9th St. West, Swift Current
Sakundiak Farm Equipment	130 Dewdney Ave., Regina
Shaunavon Industries	Shaunavon

List of Firms in the Agricultural Implements Industry, 1958 - Concluded

Name of firm	Address
Alberta:	
Calgary Farm Machinery Ltd.	507 - 2nd St. East, Calgary
Ferguson, E.C., Co.	9027 - 111th Ave., Edmonton
Golden Arrow Sprayers Ltd.	1439 - 10th Ave., E., Calgary
Kirchner Machine Co.	2005 - 2nd Ave. South, Lethbridge
Noble Cultivators Ltd.	Nobleford
Robinson Machine & Supply Co. Ltd.	50th Ave. & 1st. St. S., Calgary
Samson Rotary Rod Weeder Ltd.	1019 - 10th Ave. W., Calgary
Victory Equipment Ltd.	920 - 2nd. Ave. N., Lethbridge
British Columbia:	
Farm and City Service Co. Ltd.	133 Westminster Ave. W., Penticton
Okanagan Turbo Sprayers, Ltd.	255 Ellis St., Penticton
Rain Bird Sprinkler Mfg. Co. (Canada) Ltd.	54E Cordova St., Vancouver
Swanson Sprayers Ltd.	1658 Pendozi St., Kelowna, B.C.
Trump Limited	Penticton St., Oliver



STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010642423