

42-202
C.3

GOVERNMENT OF CANADA

DOMINION BUREAU
OF STATISTICS

JAN 12 1954

PROPERTY OF THE
LIBRARY

THE AGRICULTURAL IMPLEMENTS
INDUSTRY, 1952



EDMOND CLOUTIER, C.M.G., O.A., D.S.P.
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1954

THE AGRICULTURAL IMPLEMENTS INDUSTRY
1952

Published by

Authority of the Rt. Hon. C. D. Howe
Minister of Trade and Commerce

Prepared in the Mining, Metallurgical and Chemical Section
Industry and Merchandising Division
Dominion Bureau of Statistics
Ottawa

NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II**—Manufacturing; **Volume III**—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I—General Review of the Manufacturing Industries, \$1.50
- II—The Manufacturing Industries, by Provinces
 - Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢
 - Section 2. Principal Statistics of Individual Industries, 75¢
 - Section 3. Principal Statistics by Regional Distribution, 75¢
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textiles
- VIII—Wood and Paper Products
- IX—Printing Trades
- X—Iron and Steel Products
- XI—Transportation Equipment
- XII—Non-ferrous Metal Products
- XIII—Electrical Apparatus and Supplies
- XIV—Non-metallic Mineral Products
- XV—Products of Petroleum and Coal
- XVI—Chemicals and Allied Products
- XVII—Miscellaneous Manufactures

The present report belongs in Part X, Iron and Steel Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A—General Review, 25¢
- B—The Agricultural Implements Industry, 25¢
- C—The Boilers and Plate Work Industry, 25¢
- D—The Bridge Building and Structural Steel Industry, 25¢
- E—The Hardware, Tools and Cutlery Industry, 25¢
- F—The Heating and Cooking Apparatus Industry, 25¢
- G—The Machinery Industry, 25¢
- H—The Machine Shops Industry, 25¢
- I—The Iron Castings Industry, 25¢
- J—The Primary Iron and Steel Industry, 25¢
- K—The Sheet Metal Products Industry, 25¢
- L—The Wire and Wire Goods Industry, 25¢
- M—The Miscellaneous Iron and Steel Products Industry, 25¢

THE AGRICULTURAL IMPLEMENTS INDUSTRY

1952

Factory shipments reported by establishments in the Agricultural Implements Industry were valued at \$205,775,487 in 1952. The output of farm equipment in this industry amounted to \$188,183,920 in 1952, \$158,779,197 in 1951 and \$137,971,548 in 1950; 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 \$6,504,000 in 1952, \$3,570,000 in 1951 and \$3,702,000 in 1950.

Eighty-five factories were included in the Agricultural Implements Industry in 1952, there being 35 works in Ontario, 18 in Manitoba, 12 in Alberta, 10 in Saskatchewan, 6 in Quebec, 3 in British Columbia and 1 in Prince Edward Island. The works in Ontario accounted for 94 per cent of the total output.

The industry employed a total of 18,046 workers during the year, the 3,293 salaried employees being paid \$12,720,196 and the 14,753 wage-earners, \$49,703,520. The total of \$62,423,716 for salaries and wages was 19.5 per cent more than the amount distributed to the 17,236 employees in 1951.

Note: Data presented in this bulletin for 1952 under the heading of "Production" actually represent "Factory Shipments" and, therefore, are not exactly comparable with previous years.

TABLE 1. Principal Statistics of the Agricultural Implements Industry, 1948-1952

Year	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1948	69	18,747	45,270,673	1,997,248	81,590,570	146,956,254
1949	79	17,074	44,219,589	2,092,645	95,635,026	176,970,283
1950	86	16,223	43,284,686	2,020,481	79,123,750	149,500,240
1951	81	17,236 ¹	52,217,430	1,984,214	96,469,032	171,172,496
1952	85	18,046	62,423,716	2,169,762	109,827,515	205,775,487
Per cent change 1952 from 1951.....	—	+4.7	+19.5	+9.3	+13.8	+20.2

1. Revised.

Note. Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc. Inventory value of finished products at plant at end of 1951 amounted to \$6,156,000 and at end of 1952 to \$11,392,000.

TABLE 2. Principal Statistics, by Provinces, 1951 and 1952

Province	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1951						
Quebec	6	285	609,236	36,780	1,087,359	2,321,656
Ontario	35	16,022	49,236,463	1,824,773	91,687,665	160,823,631
Manitoba	16	490	1,268,578	64,939	2,090,462	4,612,270
Saskatchewan	9	126	278,760	16,647	478,772	927,431
Alberta	11	263 ¹	733,137	33,638	872,835	2,008,205
Prince Edward Island	1	50	91,256	7,437	251,939	479,303
British Columbia	3					
Canada	81	17,236 ¹	52,217,430	1,984,214	96,469,032	171,172,496
1952						
Quebec	6	266	625,043	30,393	1,049,618	2,285,935
Ontario	35	16,743	58,886,476	1,988,939	104,106,235	192,790,073
Manitoba	18	544	1,505,741	65,203	3,059,989	6,304,201
Saskatchewan	10	147	418,837	20,469	514,090	1,393,982
Alberta	12	320	929,400	60,768	991,463	2,733,862
Prince Edward Island	1	26	58,219	3,990	106,120	267,434
British Columbia	3					
Canada	85	18,046	62,423,716	2,169,762	109,827,515	205,775,487

1. Revised.

TABLE 3. Products of the Agricultural Implements Industry, 1951 and 1952

Product	1951		1952	
	Number	Selling value at works	Number	Selling value at works
		\$		\$
Planting, seeding and fertilizing machinery:				
Corn planters — horse and tractor drawn	3,133	342,496	2,238	184,310
Transplanters	215	51,068	225	31,640
Grain and fertilizer drills (combination)	34,967	11,931,279	31,123	10,955,271
Grain drills — plain and press	11,902	5,597,882	10,629	4,671,475
Seed boxes for harrow-plows, one-way discs and tiller-combines	8,078	1,061,465	11,614	1,702,020
Fertilizer and lime sowers, horse or tractor drawn	500	91,156	664	126,620
Manure spreaders	7,464	1,830,149	7,125	2,162,491
Manure loaders	186	58,681	173	41,016
All other planting, seeding and fertilizing machines	—	104,472	—	518,652
Plows:				
Walking plows:				
1 furrow	801	16,917	975	24,922
2 furrow	—	—	—	—
Riding gang plows — 2 furrow	—	—	788	31,663
Mouldboard plows:				
Tractor-drawn	30,105	6,085,891	23,680	6,286,940
Tractor-mounted	8,097	662,351	7,360	673,380
Disc plows:				
Horse-drawn	—	—	—	—
Tractor-drawn	4,425	2,041,159	5,833	2,141,359
Harrow-plows, one-way discs, tiller-combines	23,102	8,819,419	21,034	9,958,131
All other plows	679	99,088	1,053	116,971
Tilling, cultivating and weeding machines:				
Harrows:				
Drag (sections)	44,034	423,795	45,361	430,145
Spring-tooth (sections)	6,731	362,358	6,712	445,133
Disc — horse or tractor drawn:				
Under 12'	6,169	752,959	17,267	1,185,726
12' or over	3,713	1,788,155	5,355	2,918,139
Tandem tractor disc	11,106	3,460,673	10,800	1,997,694
Land rollers	147	39,439	—	—
Soil packers	5,763	293,086	5,606	302,327
Scuffers and horse hoes	3,055	65,858	1,312	30,189
Corn cultivators:				
Horse and tractor drawn	—	—	100	25,000
Tractor-mounted	1,140	203,350	88	24,292
Field cultivators:				
Horse and tractor drawn	23,650	4,465,156	22,050	4,397,314
Tractor-mounted	1,338	123,895	2,595	533,300
Rod weeders	2,051	238,998	1,512	187,651
Blade weeders	464	236,199	593	249,204
Other tilling, cultivating and weeding machines	—	444,622	—	916,127
Haying machinery:				
Mowers:				
Horse-drawn	3,486	449,457	1,341	192,241
Tractor-drawn or mounted	13,054	2,167,796	20,705	3,820,186
Hay loaders	6,467	1,119,685	6,010	1,172,799
Dump rakes	6,203	448,454	6,725	508,429
Side rakes and tedders	10,035	2,047,101	11,994	2,694,378
All other haying machinery (including hay balers, hay carriers, etc)	—	288,809	—	3,239,328

TABLE 3. Products of the Agricultural Implements Industry, 1951 and 1952 - Concluded

Product	1951		1952	
	Number	Selling value at works \$	Number	Selling value at works \$
Harvesting machinery:				
Combine reaper-threshers and stationary threshers	22,054	55,634,619	24,418	69,350,074
Swathers and windrowers	10,317	5,023,658	12,685	6,506,738
Pick-up attachments for combines	7,082	847,904	7,980	1,568,696
Grain binders:				
Ground-drive	3,269	1,253,179	3,391	1,449,457
Power take-off drive	288	156,375	2,007	897,731
Corn binders:				
Ground-drive	1,055	380,150	—	—
Power take-off drive	1,883	776,078	158	70,124
Potato diggers—horse or tractor drawn	—	—	20	3,759
All other harvesting machines (including headers, push harvesters, barge elevators, etc.)	—	1,203,875	—	581,631
Machines for preparing crops for market or use:				
Stationary threshers		See item under "Harvesting machinery"		
Ensilage cutters	274	137,949	349	193,543
Corn shellers—power	400	24,053	1,794	47,541
Grain grinders	2,716	148,648	4,511	284,496
Rollers or crushers	50	3,350	58	3,900
Pulpers	59	2,128	72	3,093
Fanning mills or grain cleaners	2,472	343,227	2,322	326,856
Hammermills	70	8,820	80	10,080
Feed mixers	134	16,569	184	25,972
Grain loaders and elevators	8,538	1,366,704	15,847	2,661,039
All other machines for preparing crops for market or use	—	176,212	—	268,694
Tractors and engines:				
Garden tractors (including motor tillers)	1,265	247,969	1,059	248,176
Spraying and dusting equipment:				
All types (including attachments)	—	1,276,792	—	1,106,086
Farm wagons, trucks and sleighs:				
Wagon boxes	1,073	76,991	1,165	121,994
Wagon gears (standard)	1,441	225,996	993	142,324
Farm trucks (low wheel—steel or wood)	25	7,500	—	—
Rubber-tired gears or trailers	6,587	1,102,758	6,608	905,733
Sleighs	800	153,419	908	180,643
All other farm wagons, sleighs and trucks	—	266,372	—	153,412
Domestic water systems and pumps:				
Domestic water-pressure systems and power-pumps	2,611	222,102	1,184	106,387
All other systems and pumps	—	28,409	—	26,039
Dairy machinery and equipment, including cream separators, milking machines, etc.	—	3,269,757	—	3,243,435
Miscellaneous farm implements and machinery	—	16,153,454	—	19,548,569
Parts and accessories for farm implements and machinery	—	10,030,862	—	13,251,245
 Total farm machinery and parts	—	158,779,197	—	188,183,920
Amount received for custom work and repairs	—	4,621,464	—	9,315,099
All other products	—	7,771,835	—	8,276,468
 Total all products	—	171,172,496	—	205,775,487

TABLE 4. Materials Used in the Agricultural Implements Industry, 1951 and 1952

Material	Unit of measure	1951		1952	
		Quantity	Total cost at works	Quantity	Total cost at works
			\$		\$
Iron:					
Pig iron, all grades	ton	24,702	1,286,682	27,914	1,602,204
Iron castings of all kinds, purchased	"	53,730	11,252,162	1	1
Steel, hot or cold rolled (except special alloy steel):					
Steel castings	ton	704	291,820	1	1
Bars	"	90,847	9,464,250	116,439	12,937,800
Forgings	"	—	546,887	1	1
Plates	ton	7,339	812,488	8,141	948,121
Shafting	"	12,057	1,857,978	—	—
Sheets, plain	"	25,684	3,645,970	32,246	4,301,743
Sheets, galvanized	"	7,578	1,148,744	9,597	1,480,835
Tin plate	"	—	25,815	26	5,013
Strip	ton	6,059	819,506	6,282	883,456
Stampings	—	—	122,191	1	1
Structural shapes (angles, channels, etc.)	ton	22,702	2,409,907	29,914	3,288,509
Wire	"	1,420	215,565	1,332	173,831
Scrap iron and steel of all kinds	ton	16,417	648,197	21,442	989,483
Pipe, tubing and fittings of iron and steel	—	—	2,095,948	—	2,529,772
Other iron and steel (except finished parts)	—	—	1,011,175	—	14,636,598
Alloy steel:					
Carbon and alloy tool steels, including high-speed	—	—	159,700	—	192,709
Stainless steels	—	—	239,118	—	257,064
Other alloy steels	—	—	111,393	—	63,908
Ferro-alloys	—	—	82,297	—	214,770
Non-ferrous metals (all forms, including scrap):					
Aluminum — Castings	pound	—	—	87,524	30,771
Sheet	"	158,538	67,394	21,000	6,780
Other forms	"	—	—	811,265	140,164
Brass and bronze	"	238,500	95,950	299,763	136,327
Copper — Sheet	"	—	—	14,000	7,000
Wire	"	24,241	7,669	—	—
Other forms	"	—	—	18,585	7,577
Lead	"	17,553	2,781	36,249	6,718
Nickel	"	1,000	575	73,485	30,137
Tin	"	1,520	1,957	1,771	2,375
Zinc	"	97,014	25,637	30,863	7,335
Babbitt metals and solder	"	76,894	35,736	77,361	35,030
Other metals	—	—	99,450	—	32,982
Other materials and supplies:					
Parts for machines or vehicles	—	—	28,899,893	2	2
Bolts, nuts, rivets and screws	—	—	2,343,902	2	2
Electrical goods, including motors	—	—	376,226	2	2
Paints, oils and varnishes	—	—	1,660,370	—	1,934,288
Wheels	—	—	2,046,086	2	2
Cotton, duck and other textiles	—	—	714,300	—	1,025,689
Foundry coke (used in cupola, not for heat or power)	ton	8,457	240,506	11,100	311,469
Moulding sands	"	8,188	49,616	11,647	78,986
Core sands	"	4,833	22,266	6,456	31,683
Silica sand	"	396	3,170	405	3,438
Other foundry sands	—	—	2,066	—	1,379
Plumbago and graphite	pound	10,020	996	8,100	843
Other foundry facings	—	—	1,336	2	2
Patterns and models	—	—	25,746	2	2
Lumber	M ft. b.m.	32,710	2,876,021	25,635	2,751,661
Firebrick	No.	625,051	73,766	370,655	60,454
Fireclay	ton	450	6,455	432	6,745
Cupola blocks	No.	7,097	2,881	9,160	3,298
Core oil	Imp. gal.	21,494	16,613	19,450	18,209
Core compounds	—	—	22,939	2	2
Acetylene	cu. ft.	1,477,550	36,265	2	2
Oxygen	"	1,983,604	31,950	2	2
Shipping containers	—	—	225,541	—	489,578
All other materials and supplies	—	—	18,205,180	—	58,161,328
Total	—	—	96,469,032	—	109,827,515

1. Classified with "Other iron and steel" in 1952.

2. Classified with "All other materials and supplies" in 1952.

TABLE 5. Production of Plows¹, 1943-1952 (Including some plows made in other industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1943.....	36,415	1,948,793	1948.....	69,446	7,217,103
1944.....	35,558	2,124,021	1949.....	48,848	7,767,151
1945.....	56,262	2,891,507	1950.....	41,709	7,918,510
1946.....	74,696	4,852,399	1951.....	44,446	8,916,831
1947.....	72,460	4,552,612	1952.....	39,902	9,285,252

1. Not including harrow-plows, one-way discs or tiller-combines.

TABLE 6. Production of Mowers, 1943-1952

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1943.....	5,672	495,496	1948.....	21,428	2,835,300
1944.....	9,448	852,560	1949.....	28,187	3,880,013
1945.....	20,511	2,029,967	1950.....	16,658	2,708,979
1946.....	21,957	2,643,489	1951.....	16,540	2,617,253
1947.....	17,861	2,139,976	1952.....	22,050	4,013,947

TABLE 7. Production of Harrows, 1943-1952 (Including some harrows made in other industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1943.....	11,400	405,298	1948.....	93,701	3,681,893
1944.....	26,641	692,686	1949.....	121,371	5,439,217
1945.....	48,565	886,995	1950.....	97,047	5,290,631
1946.....	82,836	2,163,496	1951.....	72,068	6,802,840
1947.....	72,894	2,328,290	1952.....	85,643	6,983,941

TABLE 8. Production of Grain Binders, 1943-1952

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1943.....	9,465	2,426,114	1948.....	18,025	6,359,954
1944.....	8,278	1,994,109	1949.....	12,615	5,123,012
1945.....	17,195	4,583,285	1950.....	6,147	2,306,723
1946.....	19,062	5,699,080	1951.....	3,557	1,409,554
1947.....	17,109	5,821,568	1952.....	5,398	2,347,188

TABLE 9. Production of Threshers and Reaper-Threshers, 1943-1952
(Including some threshers made in other industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1943	2,244	2,532,930	1948	19,005	39,528,632
1944	4,615	6,356,896	1949	23,859	53,374,814
1945	6,471	9,213,421	1950	18,973	41,449,898
1946	9,335	12,864,868	1951	22,384	56,212,282
1947	11,705	19,108,003	1952	24,562	69,632,328

TABLE 10. Production of Seed Drills, 1943-1952

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1943	6,906	1,335,105	1948	7,939	2,795,642
1944	6,915	1,281,642	1949	8,301	2,845,541
1945	8,585	1,542,085	1950	11,704	4,247,621
1946	8,617	1,823,179	1951	11,902	5,597,882
1947	10,899	2,815,312	1952	10,629	4,671,475

TABLE 11. Production of Cream Separators, 1943-1952 (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
		\$		\$		\$
1943	(Not available separately for these years)				13,891	866,073
1944					25,737	1,574,041
1945					30,981	1,862,913
1946	6,978	350,437	19,326	1,322,556	26,304	1,672,993
1947	6,893	241,469	17,527	1,439,329	24,420	1,680,798
1948	3,728	147,473	7,955	748,819	11,683	896,292
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

TABLE 12. Production of One-way Discs, Harrow-Plows and Tiller-Combines, 1943-1952

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1943	4,606	767,993	1948	33,259	10,371,290
1944	5,740	1,290,975	1949	39,868	13,051,057
1945	6,199	1,153,433	1950	29,498	10,083,519
1946	10,499	2,345,797	1951	23,102	8,819,419
1947	19,292	4,342,744	1952	21,034	9,958,121

TABLE 13. Production of Cultivators, 1943-1952 (From all industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1943	6,031	275,634	1948	26,174	3,404,697
1944	7,237	554,691	1949	27,118	3,758,130
1945	14,041	867,014	1950	27,999	5,115,228
1946	19,023	1,320,287	1951	28,318	4,836,787
1947	29,495	2,932,015	1952	28,429	5,361,483

TABLE 14. Production of Weeders and Corn Planters, 1943-1952

Year	Weeders		Corn planters	
	Number	Selling value at works	Number	Selling value at works
		\$		\$
1943	450	23,013	1,589	71,389
1944	1,041	49,563	1,871	147,973
1945	1,538	185,697	2,856	154,377
1946	1,532	126,113	4,261	214,748
1947	2,790	256,781	2,618	192,594
1948	3,171	569,495	8,207	601,175
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

TABLE 15. Production of Hay Loaders and Hay Rakes, 1943-1952

Year	Hay loaders		Hay rakes, including combination side rakes and tedders	
	Number	Selling value at works	Number	Selling value at works
		\$		\$
1943	1,359	131,759	2,720	124,240
1944	2,434	224,664	6,462	301,727
1945	2,513	241,991	11,748	562,273
1946	4,110	452,013	12,134	748,680
1947	4,156	496,397	14,604	1,076,665
1948	7,401	1,089,616	14,429	1,315,875
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

TABLE 16. Production of Manure Spreaders, 1943-1952 (From all industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1943	2,125	260,082	1948	9,561	1,733,361
1944	4,242	592,070	1949	13,199	2,013,387
1945	6,946	912,158	1950	7,000	1,493,878
1946	5,562	694,905	1951	8,769	2,260,385
1947	5,963	839,863	1952	8,440	2,600,927

TABLE 17. Production, Imports and Exports of Agricultural Implements and Parts, 1943-1952

Year	Production	Imports	Exports
	\$	\$	\$
1943	18,930,000	20,228,000	10,284,000
1944	26,297,000	40,611,000	13,434,000
1945	38,701,000	50,435,000	20,196,000
1946	53,991,000	68,352,000	28,662,000
1947	83,930,000	105,405,000	42,238,000
1948	139,079,000	139,993,000	73,760,000
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

Note. In Table 17 the 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 20 and 21.

TABLE 18. Sales of Agricultural Implements and Equipment, by Provinces, 1948-1952

Province	1948	1949	1950	1951	1952
	\$	\$	\$	\$	\$
Maritimes ¹	5,461,031	5,399,111	5,946,209	6,889,061	9,118,551
Quebec	14,906,555	16,657,442	19,137,999	23,816,008	23,745,129
Ontario	38,453,369	47,775,991	51,922,436	58,736,885	51,448,643
Manitoba	23,369,284	37,474,620	29,308,664	31,698,984	31,578,047
Saskatchewan	46,505,877	59,629,464	62,629,271	61,147,757	75,859,527
Alberta	36,748,138	44,459,129	45,117,409	48,267,092	53,505,361
British Columbia	5,221,816	5,693,928	4,125,132	5,064,558	5,021,983
Canada	170,666,070	217,089,685	218,187,120	235,620,345	250,277,241

1. Includes Newfoundland since 1949.

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	Threshing machines	Grain binders	Grain combines	Mowing machines	Milking machines	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. Imports of Agricultural Implements, 1951 and 1952

Item	Unit of measure	1951		1952	
		Quantity	Value	Quantity	Value
			\$		\$
Cream separators	No.	10,159	668,523	7,980	696,381
Cream separator parts	—	—	145,399	—	146,215
Milk clarifiers and complete parts	—	—	39,825	—	39,949
Milking machines, and attachments therefor, centrifugal machines for testing butter fat, milk or cream, and complete parts of articles specified in this item	—	—	1,271,482	—	1,182,069
Pasteurizers for dairying purposes, and complete parts	No.	303	271,383	452	318,362
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	—	—	1,226,336	—	1,395,008
Forks, pronged	Doz.	1,635	26,900	4,060	42,809
Harvesters, self-binding or not, and binding attachments and parts	No.	5,086	4,084,600	4,247	3,655,338
Hay loaders and parts	"	1,082	476,279	554	305,918
Hay tedders and parts	"	20	5,296	16	5,036
Mowing machines and parts	"	6,942	1,853,249	9,878	2,457,593
Potato diggers and planters, and parts	"	574	223,690	536	227,021
Rakes, horse or power, and parts	"	4,877	1,333,655	5,298	1,326,510
Rakes, n.o.p.	Doz.	18,891	93,615	13,208	63,269
Reapers and parts	—	—	—	—	—
Scythes	Doz.	5,391	60,307	5,655	63,464
Sickles or reaping hooks	"	945	5,750	3,492	21,791

TABLE 20. Imports of Agricultural Implements, 1951 and 1952 - Concluded

Item	Unit of measure	1951		1952	
		Quantity	Value	Quantity	Value
			\$		\$
Cultivators, horse hoes, scufflers, weeders, and parts.....	—	—	3,198,023	—	2,674,688
Drills, seed, garden seeders, and parts.....	—	—	1,869,027	—	1,486,876
Harrows, disc, and parts.....	—	—	1,621,738	—	1,801,023
Harrows and parts, n.o.p.	—	—	542,733	—	494,942
Hoes.....	Doz.	1,144	9,539	1,364	15,787
Plows, disc, and parts.....	—	—	2,505,942	—	2,232,902
Plows and parts, n.o.p.....	—	—	5,393,381	—	4,016,448
Rollers, farm, field, lawn or garden, and soil packers, and parts.....	No.	960	35,790	2,426	65,905
Fanning mills, peaviners and corn husking machines, and parts.....	"	1,553	829,326	1,354	719,119
Harvesters in combination with threshing machine separators, and complete parts.....	"	8,080	24,810,142	11,884	33,834,406
Threshing machine separators.....	"	635	648,495	656	646,963
Threshing machine separators, parts of, including weighers, wind stackers, baggers and self-feeders and parts.....	—	—	1,128,828	—	1,093,769
Equipment for generating electric power for farm purposes only, viz.: engine, gas tank, generator, storage battery and switchboard, and complete parts.....	—	—	304,636	—	215,294
Fodder, feed or ensilage cutters, and parts.....	No.	729	426,606	625	363,864
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; 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.....	—	—	342,348	—	288,210
Grain crushers and grain or hay grinders, and parts.....	No.	4,399	796,148	5,359	866,519
Hay presses and parts.....	"	3,052	4,579,812	3,503	4,818,272
Manure spreaders and parts.....	"	3,511	1,008,103	3,285	979,610
Post hole diggers and parts.....	"	4,360	71,597	1,653	87,998
Spades and shovels, of iron or steel, n.o.p.....	Doz.	7,607	63,600	10,776	141,997
Spraying and dusting machines and parts, including hand sprayers and parts.....	—	—	1,618,772	—	1,520,152
Stumping machines and complete parts.....	—	—	204	—	112
Traction ditching machines (not being plows), and parts.....	No.	25	325,983	43	669,243
Traction engines, internal combustion (for farm and other purposes).....	"	58,139	89,397,506	49,269	82,254,085
Traction engines, internal combustion, parts of; traction attachments and parts (for farm and other purposes).....	—	—	36,155,182	—	36,967,863
Windmills and complete parts, not including shafting.....	—	—	30,005	—	25,582
Pruning hooks and shears, and animal dehorning instruments.....	—	—	104,258	—	94,637
Agricultural implements and parts, other.....	—	—	5,477,764	—	6,941,262
Total imports.....	—	—	195,081,777	—	197,266,261

TABLE 21. Exports of Agricultural Implements, 1951 and 1952

Item	Unit of measure	1951		1952	
		Quantity	Value	Quantity	Value
			\$		\$
Cream separators and parts	—	—	243,874	—	131,312
Milking machines and parts	—	—	1,457,228	—	1,321,287
Harvesters and binders	No.	4,621	2,303,983	794	445,370
Hay rakes	"	7,433	1,483,431	5,966	1,322,800
Mowing machines and reapers	"	9,444	1,577,311	8,814	1,578,641
Reaper-threshers	"	13,450	44,392,708	11,425	39,356,169
Cultivators	"	15,570	2,467,171	11,352	2,255,451
Drills and sowers	"	35,408	13,135,749	35,029	12,632,765
Harrows, disc, and parts	—	—	1,716,142	—	1,956,950
Harrows and parts, n.o.p.	—	—	251,430	—	214,220
Plows, disc, and parts	—	—	7,975,797	—	6,918,920
Plows and parts, n.o.p.	—	—	5,235,154	—	4,857,804
Planters	No.	2,709	289,378	2,298	185,122
Threshing machine separators and parts	—	—	560,576	—	586,184
Garden and farm tools	—	—	138,478	—	70,149
Spades and shovels, and parts	Doz.	5,387	88,815	1,570	20,555
Garden tractors	No.	76	10,601	46	6,472
Farm tractors	"	7,398	9,554,210	6,158	9,709,636
Attachments for agricultural implements	—	—	1,993,068	—	2,797,974
Farm implements and machines, n.o.p.	—	—	2,900,779	—	8,451,239
Parts of farm implements and machines, n.o.p. ..	—	—	8,662,278	—	10,589,236
Total exports	—	—	106,438,161	—	105,408,256

TABLE 22. Employees and Their Earnings in the Agricultural Implements Industry, by Provinces, 1951 and 1952

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
					\$	\$	\$	
1951								
Quebec	41	10	234	—	285	178,438	430,798	609,236
Ontario	2,280	659	12,926	157	16,022	9,869,329	39,367,134	49,236,463
Manitoba	71	27	387	5	490	345,998	922,580	1,268,578
Saskatchewan	19	7	100	—	126	69,064	209,696	278,760
Alberta	59	10	189	5	263	230,140	502,997	733,137
Other provinces	12	3	35	—	50	34,363	56,893	91,256
Canada	2,482	716	13,871	167	17,236	10,727,332	41,490,098	52,217,430
1952								
Quebec	39	9	218	—	266	194,367	430,676	625,043
Ontario	2,335	681	13,547	180	16,743	11,693,698	47,192,778	58,886,476
Manitoba	76	34	431	3	544	434,615	1,071,126	1,505,741
Saskatchewan	16	8	123	—	147	89,794	329,043	418,837
Alberta	70	14	232	4	320	280,909	648,491	929,400
Other provinces	8	3	15	—	26	26,813	31,406	58,219
Canada	2,544	749	14,566	187	18,046	12,720,196	49,703,520	62,423,716

TABLE 23. Capital Investment in the Agricultural Implements Industry, 1948-1952

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital investment
	Construction	Machinery and equipment		Construction	Machinery and equipment		
	\$'000						
1948	2,437	3,733	6,170	1,356	4,478	5,834	12,004
1949	1,048	3,189	4,237	805	4,132	4,937	9,174
1950	670	2,671	3,341	985	3,702	4,687	8,028
1951	1,661	2,605	4,266	1,086	4,004	5,090	9,356
1952 ¹	2,577	3,037	5,614	1,359	5,302	6,661	12,275

1. Preliminary.

List of Firms in the Agricultural Implements Industry, 1952

Name of firm	Address
Prince Edward Island:	
Hall Mfg. & Cold Storage Co. Ltd., The	Water St., Summerside
Quebec	
Banville & Fils Enrg.	St-Octave de Métis
Desjardins Limitée	St-André de Kamouraska
Dion Frères Inc.	St-Thérèse de Blainville
La Compagnie Jutras Limitée	Victoriaville
Laperle, Louis, Enrg.	St-Ours
Machineries Pont Rouge Ltd.	Pont Rouge
Ontario:	
Buehler Metal Products Ltd.	Hespeler
Canadian Potato Machinery Co., Ltd.	Jarvis St., Galt
Cockshutt Farm Equipment Limited	66 Mohawk St., Brantford
Deere, John, Plow Co., Limited	Port Colborne Highway, Welland
DeLaval Company Limited	113 Park St. S., Peterborough
Delhi Foundry & Machine Shop	191 King St., Delhi
Elora Industries Limited	Mill St., Elora
Ebersol Farm Equipment Co. Limited	Milverton
Ernst Bros. Company Limited	Durham St., Mount Forest
Falcon Equipment Co. Limited	33 Leyton St., Toronto
Farm Equipment & Sprayer Sales & Service	7 Queen St., Beamsville
Ferguson Thresher Co.	Maxville
Frost & Wood Company Limited	Smiths Falls
Garden Power Tools Limited	R.R. No. 2, West Hill
Garden Tractor Sales Company	1160 Albert Road, Windsor
Gray-Snyder Ltd.	Hillsburg
Heavy Duty Products	Preston
Herrgott Thresher Co. Limited	Main St., St. Clements
International Harvester Company of Canada, Limited	Sherman Ave. N., Hamilton
Lewis, Clarence W., & Son, Limited	8 Patton St., Grimsby
Lobsinger Bros.	Mildmay
Massey-Harris Co., Ltd.	915 King St. W., Toronto
Massey-Harris Co., Ltd.	Woodstock
Massey-Harris Co., Ltd.	Market St. and Canal Road, Brantford
McKee Bros. Ltd.	25 Hampton St., Elmira
Otaco Limited	West St., Orillia
Otto's R. Steel Products	Tavistock
Rittenhouse, M.K., & Sons	Jordan Station

List of Firms in the Agricultural Implements Industry, 1952 - Concluded

Name of firm	Address
Ontario - Concluded	
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
Universal Tractors, Ltd.	2373 King St., Hamilton
Waterloo Manufacturing Co. Ltd., The	67 King St. S., Waterloo
White, Geo., & Sons Co., Ltd.	Cabell Ave., London
Manitoba:	
Bobrowski Mfg. Co. Ltd.	Charles St., Morris
Canadian Co-operative Implements Ltd.	601 Bowman Ave., Winnipeg
Cascade Brothers Ltd.	12th & Richmond Ave., Brandon
Chemical Machines Ltd.	630 Loretta Ave., Winnipeg
Derby Specialty Manufacturing Co.	414 Osborne St., Winnipeg
Ferguson, Wm. M.	414 Pacific Ave., Brandon
Forever Industries Limited	115 Robinson St., Winnipeg
Hart-Emerson Company Limited, The	1425 Whyte Ave., Winnipeg
Hydraulic Engineering Co.	Partridge & Aikins Sts., Winnipeg
Inland Steel & Forgings Limited	675 Washington Ave., Winnipeg
Killbery Industries Ltd.	Ellice & College Aves., Winnipeg
Machine Industries Ltd.	Berry St. & Ellice Ave., Winnipeg
Malmgren Implement Mfg. Co. (Man.) Ltd.	753 Marion St., St. Boniface
Markwill Industries Ltd.	450 Youville St., St. Boniface
Plett's Industries	Rosenort
Sifton Wood & Iron Works	Sifton
Standard Gas Engine Works	Morden
Thompson, Dave, Equipment and Supply Ltd.	450 Provencher Ave., St. Boniface
Western Tools & Industries Limited	144 Messenger St., St. Boniface
Saskatchewan:	
Anderson Construction Co.	Southey
Brandt Electric Ltd.	1856 Broad St., Regina
Harvey Machine Products	121 Ave. C South, Saskatoon
Leach, J. R., & Son	154 Eighth St. E., Prince Albert
McIntyre's	219 Cheadle St. W., Swift Current
Morris Rod Weeder & Equipment Co.	62 Argyle St., Yorkton
Nodge, Paul J.,	Swift Current
Sakundiak Farm Equipment	130 Dewdney Ave., Regina
Shaunavon Industries	Shaunavon
Tractor Boneyard	Albert St. & 2nd Ave., Regina
Alberta:	
Alberta Foundry & Machine Co. Ltd.	Smelter Ave., Medicine Hat
Ferguson Co., E. C.	9545-111th Ave., Edmonton
Golden Arrow Service Ltd.	1439-10th Ave. E., Calgary
Johnson Farm Machine Co. Ltd.	Barons
Kirchner Machine Co.	2005-2nd Ave. South, Lethbridge
Machinery Designers of Canada, Ltd.	701-13th St. East, Calgary
Noble Cultivators Ltd.	Nobleford
Perfection Machine Works Ltd.	5th Ave. & 3rd St. E., Calgary
Robinson Machine & Supply Co. Ltd.	50th Ave. & 1st St. S., Calgary
Samson Rotary Rod Weeder Ltd.	1019-10th Ave. W., Calgary
Victory Equipment Ltd.	321-13th St. N., Lethbridge
Waterloo Industries Ltd.	7819-104th St., Edmonton
Woodward Manufacturing Co.	104-3rd. Ave. W., Calgary
British Columbia:	
Mid West Equipment Ltd.	207 West 2nd Ave., Vancouver
Okanagan Turbo Sprayers Ltd.	255 Ellis St., Penticton
Rain Bird Sprinkler Mfg. Co. Canada, Ltd.	54 E. Cordova St., Vancouver

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010642405