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+++ Industry and Merchandising Division +++



MINING, METALLURGICAL & CHEMICAL SECTION

**THE FARM IMPLEMENTS AND
MACHINERY INDUSTRY**

**IN
CANADA
1947**



**OTTAWA
1949**

Price 25 cents

THE FARM OF TOMORROW AND
MACHINE INDUSTRY

BY

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Annual Industry Report

Iron and Steel and Their Products Group

THE FARM IMPLEMENTS AND MACHINERY INDUSTRY, 1947

Production by establishments in the farm implements and farm machinery industry was 41.4 per cent higher in value in 1947 than in 1946, and 55.2 per cent higher than in 1945. Actual values (at factory prices) for these years were as follows: \$89,423,469 in 1947, \$63,238,542 in 1946 and \$57,621,390 in 1945. The output of farm equipment, in this industry amounted to \$79,966,899 in 1947, \$52,247,004 in 1946 and \$37,751,375 in 1945; the remainder of the output of the industry in each year was made up of industrial machinery, dairy equipment, etc. In other industries there was a small production of farm machinery amounting to \$3,963,218 in 1947, \$1,743,846 in 1946 and \$949,000 in 1945.

Sixty-one factories were included in the farm implements industry in 1947, there being 37 works in Ontario, 6 in Quebec, 7 in Manitoba, 6 in Alberta, 3 in Saskatchewan, 1 in Prince Edward Island, and 1 in British Columbia. The works in Ontario accounted for 95 per cent of the total output.

The industry employed an average of 16,013 workers during the year, the 2,325 salaried employees being paid \$5,261,562 and the 13,688 wage-earners \$25,982,444. The total of \$31,244,006 for salaries and wages was 22.6 per cent more than the amount distributed to the 13,866 employees in 1946.

Table 1 - PRINCIPAL STATISTICS OF THE FARM IMPLEMENTS AND MACHINERY INDUSTRY, 1937-1947

Year	Number of plants	Average 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
			\$	\$	\$	\$
1937	37	6,446	7,350,043	567,240	9,319,032	18,961,394
1938	38	6,458	7,509,706	533,363	9,611,780	21,299,185
1939	36	5,306	6,024,720	449,158	6,672,529	16,035,223
1940	34	6,857	8,719,979	583,276	10,323,849	22,553,459
1941	34	8,804	12,177,760	765,294	14,408,498	34,422,202
1942	35	11,853	18,479,771	1,028,565	17,409,396	44,678,078
1943	37	14,065	24,597,880	1,210,780	25,213,399	56,952,569
1944	39	14,053	25,469,083	1,086,700	25,165,749	61,098,793
1945	41	13,554	24,409,526	1,078,734	26,414,939	57,621,390
1946	51	13,866	25,475,108	1,162,059	32,852,259	63,238,542
1947	61	16,013	31,244,006	1,461,921	49,799,417	89,423,469
Per cent change 1947 from 1946 .....	...	+ 15.5	+ 22.6	+25.8	+51.6	+41.4

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.

Table 2 - PRINCIPAL STATISTICS, BY PROVINCES, 1946 and 1947

Province	Number of plants	Average 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
			\$	\$	\$	\$
<u>1946</u>						
Quebec	7	368	467,686	20,122	469,140	1,152,276
Ontario	31	13,109	24,417,195	1,096,190	31,372,769	59,948,789
Manitoba	6	276	416,678	35,235	769,040	1,551,825
Prince Edward Island ..	1)					
Alberta	5)	113	173,549	10,512	241,310	585,652
Saskatchewan	1)					
CANADA	51	13,866	25,475,108	1,162,059	32,852,259	63,238,542

NOTE: This report was prepared by J. J. Parchelo, Statistician, Metal and Chemical Products.

Table 2 - PRINCIPAL STATISTICS, BY PROVINCES, 1946 and 1947 (Concluded)

Province	Number of plants	Average 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
			\$	\$	\$	\$
<u>1947</u>						
Quebec	6	380	823,885	25,008	501,296	1,394,198
Ontario	37	15,083	29,718,675	1,390,759	47,621,550	85,032,848
Manitoba	7	317	595,292	29,715	1,129,236	1,865,629
Alberta	6	182	335,651	10,361	434,544	943,481
Prince Edward Island ..)	1					
Saskatchewan	3	51	70,503	6,078	112,791	187,313
British Columbia	1					
CANADA	61	16,013	31,244,006	1,461,921	49,799,417	89,423,469

Table 3 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1946 and 1947

Province	Average Number of Employees				Total	Salaries	Wages	Total Salaries and Wages
	On Salaries		On Wages					
	Male	Female	Male	Female				
<u>1946</u>								
Quebec	41	7	320	...	368	88,223	379,463	467,686
Ontario	1,536	686	10,644	243	13,109	5,241,360	19,175,835	24,417,195
Manitoba	18	9	249	...	276	60,972	355,706	416,678
Other provinces ..	16	5	91	1	113	46,289	127,260	173,549
CANADA	1,611	707	11,304	244	13,866	5,436,844	20,038,264	25,475,108
<u>1947</u>								
Quebec	39	8	333	...	380	98,245	425,640	523,885
Ontario	1,633	562	12,619	269	15,083	4,953,429	24,765,246	29,718,675
Manitoba	25	14	278	...	317	113,904	481,388	595,292
Alberta	26	3	153	...	182	72,231	263,420	335,651
Other provinces ..	10	5	35	1	51	23,753	46,750	70,503
CANADA	1,733	592	13,418	270	16,013	5,261,562	25,982,444	31,244,006

Table 4 - WAGE-EARNERS, BY MONTHS, 1946 and 1947 (On the last work day of each month)

Month	1946			1947		
	Male	Female	Total	Male	Female	Total
January	11,442	302	11,744	11,959	285	12,244
February	11,326	304	11,630	12,481	301	12,782
March	11,185	261	11,446	12,918	293	13,211
April	11,160	251	11,411	13,222	292	13,514
May	11,271	236	11,507	13,284	269	13,553
June	11,272	228	11,500	13,854	261	14,115
July	11,566	230	11,796	14,180	251	14,431
August	10,841	212	11,053	13,689	241	13,930
September	11,238	227	11,465	13,496	238	13,734
October	11,452	226	11,678	13,782	258	14,040
November	11,461	211	11,672	13,971	269	14,240
December	11,380	209	11,589	14,174	267	14,441
AVERAGE	11,304	244	11,548	13,418	270	13,688

Table 5 - FUEL AND ELECTRICITY USED, 1946 and 1947

Kind	Unit of measure	1 9 4 6		1 9 4 7	
		Quantity	Cost at works	Quantity	Cost at works
		\$		\$	
Bituminous coal - Canadian	ton	794	6,493	1,397	9,349
Imported	ton	36,997	297,753	39,945	331,478
Sub-bituminous coal (from Alberta mines only)	ton	2,541	22,728	2,363	17,393
Anthracite coal	ton	90	1,582	217	4,009
Lignite coal	ton	121	714	100	601
Coke	ton	268	3,153	334	4,051
Gasoline	Imp.gal.	166,563	46,760	231,034	77,501
Kerosene	Imp.gal.	3,152	585	12,562	3,651
Fuel oil	Imp.gal.	4,385,073	339,202	4,594,652	465,719
Wood	cord	708	3,624	761	3,898
Gas - Manufactured	M cu.ft.	256,775	82,685	268,104	124,233
Natural	M cu.ft.	6,603	2,721	18,884	10,371
Electricity	K.W.H.	44,381,670	342,463	52,884,896	409,172
Other fuel .....	...	...	11,596	...	495
TOTAL .....	...	...	1,162,059	...	1,461,921

Table 6 - POWER EQUIPMENT, 1946 and 1947

	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total horse power rating	Number of units	Total horse power rating
	1 9 4 6			
Steam engines and steam turbines	9	2,580	5	1,700
Gasoline, gas and oil engines (except Diesel)	5	1,319	1	3
Diesel engines	1	30	...	...
Hydraulic turbines or water wheels	1	45	...	...
TOTAL PRIMARY	16	3,974	6	1,703
Electric motors run by purchased power	5,482	31,980	579	3,233
TOTAL	5,498	35,954	585	4,936
Electric motors operated by power generated				
by above primary units	1	75	...	...
Stationary power boilers	20	3,888	2	150
Motor-generator sets	35	910 k.v.a.	1	1 k.v.a.
	1 9 4 7			
Steam engines and steam turbines	10	3,920	3	310
Gasoline, gas and oil engines (except Diesel)	5	1,360	...	...
Diesel engines	1	30	...	...
Hydraulic turbines or water wheels	1	45	...	...
TOTAL PRIMARY	17	5,355	3	310
Electric motors run by purchased power	6,598	38,250	656	4,021
TOTAL	6,615	43,605	659	4,331
Electric motors operated by power generated				
by above primary units	1	230	1	140
Stationary power boilers	26	3,972	2	150
Motor-generator sets	9	677 k.v.a.	...	...

Table 7 - MATERIALS USED IN MANUFACTURING, 1946 and 1947

Material	Unit of measure	1 9 4 6		1 9 4 7	
		Quantity	Total cost at works	Quantity	Total cost at works
		\$		\$	
Iron -					
Pig iron, all grades	ton	27,288	775,187	29,939	943,858
Iron castings of all kinds purchased	ton	26,518	5,155,866	28,041	5,215,745

Table 7 - MATERIALS USED IN MANUFACTURING, 1946 and 1947 (Concluded)

Material	Unit of measure	1 9 4 6		1 9 4 7	
		Quantity	Total cost at works	Quantity	Total cost at works
Steel, hot or cold rolled (except special alloy steel) -					
Steel castings	ton	633	198,034	605	188,532
Bars	ton	83,962	4,790,755	87,857	6,530,559
Forgings	ton	...	59,629	...	142,709
Plates	ton	3,802	471,416	8,902	673,830
Shafting	ton	7,215	620,093	8,524	858,291
Sheets, plain	ton	15,537	1,095,666	18,032	1,456,428
Sheets, galvanized	ton	3,732	350,169	4,706	499,942
Tin plate	base box	290	7,020	705	12,636
Strip	ton	2,004	140,499	2,146	163,853
Stampings	ton	...	69,886	...	125,355
Structural shapes (angles, channels, etc.)	ton	1,641	110,586	5,055	369,417
Wire	ton	523	42,451	595	60,433
Scrap iron and steel of all kinds	ton	13,655	289,212	15,776	378,170
Pipe, tubing and fittings of iron and steel	...	...	369,931	...	558,218
Other iron and steel (except finished parts)	...	...	16,584	...	334,760
Alloy steel -					
Carbon and alloy tool steels, including					
high-speed .....	...	...	116,569	...	104,493
Stainless steels .....	...	...	113,028	...	156,020
Other alloy steels .....	...	...	5,181	...	22,756
Ferro-alloys .....	...	...	46,378	...	52,283
Non-ferrous metals (all forms, including scrap)-					
Aluminum	pound	49,226	18,377	89,691	17,968
Brass and bronze	pound	998,061	167,370	872,911	183,896
Copper	pound	99,987	23,531	107,605	30,327
Lead	pound	48,054	2,810	20,539	2,135
Nickel	pound	35,924	11,364	59,531	19,397
Tin	pound	26,834	17,502	24,250	17,386
Zinc	pound	82,371	8,050	70,110	8,860
Babbitt metals and solder	pound	134,453	24,187	118,525	38,957
Other metals .....	...	...	16,360	...	17,051
Other materials and supplies -					
Parts for machines or vehicles .....	...	...	7,814,714	...	18,072,296
Bolts, nuts, rivets and screws .....	...	...	1,026,349	...	1,188,900
Electrical goods, including motors .....	...	...	427,765	...	629,048
Paints, oils and varnishes .....	...	...	630,007	...	822,452
Wheels	No.	...	438,295	...	624,341
Cotton, duck and other textiles .....	...	...	643,917	...	610,910
Foundry coke (used in cupola, not for heat or power)	ton	9,065	148,742	11,318	201,949
Moulding sands	ton	5,663	29,955	4,258	28,435
Core sands	ton	4,961	20,805	6,452	26,258
Silica sand	ton	28	282	1,324	8,267
Other foundry sands	ton	166	1,292	188	1,117
Starch	pound	1,200	150	...	...
Plumbago and graphite	pound	12,725	1,036	20,393	1,502
Other foundry facings	pound	493,726	13,485	...	9,050
Patterns and models .....	...	...	44,737	...	96,917
Lumber	M ft. b.m.	30,576	2,251,989	32,121	2,730,910
Firebrick	number	369,129	34,612	394,340	40,899
Fireclay	ton	1,528	12,841	2,581	44,110
Cupola blocks	number	5,790	1,469	7,110	3,853
Core oil	Imp. gal.	26,896	20,828	39,441	35,409
Core compounds	pound	230,914	25,815	...	60,674
Acetylene	cu. ft.	665,249	15,406	722,930	23,307
Oxygen	cu. ft.	1,412,044	13,570	1,008,574	12,955
Shipping containers .....	...	...	181,140	...	175,828
All other materials and supplies .....	...	...	3,919,367	...	5,165,765
TOTAL .....	...	...	32,852,259	...	49,799,417

Table 8 - PRODUCTS MADE, 1946 and 1947

Product	1 9 4 6		1 9 4 7	
	Number	Selling value at works \$	Number	Selling value at works \$
Planting, Seeding and Fertilizing Machinery -				
Corn planters - Horse and tractor drawn	4,261	214,748	2,618	192,594
Grain and fertilizer drills (combination)	3,809	781,140	3,116	656,682
Grain drills - plain and press	8,617	1,823,179	10,899	2,815,312
Seed boxes for harrow plows, one way discs and tiller combines	4,569	250,086	5,138	318,518
Fertilizer and lime sowers, horse or tractor drawn ...	752	75,531	830	99,098
Manure spreaders	5,262	646,905	5,463	767,363
All other planting, seeding and fertilizing machines .	...	85,680	...	245,347
Plows -				
Walking plows - 1 furrow	43,007	706,668	41,535	513,150
2 furrow	1,850	193,511	1,520	118,479
Sulky plows - 1 furrow .....	...	...	...	...
Riding gang plows - 2 furrow	250	16,575	250	24,500
Mouldboard plows - Tractor drawn	27,942	3,790,538	25,418	3,174,889
Disc plows - Horse drawn	45	9,702	592	80,229
Tractor drawn	200	89,970	2,175	612,772
Harrow plows, one-way discs, tiller combines	10,499	2,345,797	19,292	4,342,744
Breaker plows .....	...	...	...	...
All other plows .....	...	8,148	...	2,374
Tilling, Cultivating, Weeding Machines -				
Harrows - Drag (sections)	44,489	244,737	39,212	306,845
Spring tooth (sections)	9,748	238,557	7,561	195,621
Disc - Horse or tractor drawn -				
Under 12'	10,360	567,880	6,297	510,980
12' or over	2,157	305,505	5,763	713,195
Tandem tractor disc	4,088	448,074	3,779	472,810
Land rollers	380	8,465	10	684
Soil packers	997	37,119	2,423	112,836
Scufflers and horse hoes	20,860	275,971	10,560	153,477
Corn cultivators - Horse and tractor drawn	348	30,124	1,254	25,824
Field cultivators - Horse and tractor drawn	8,463	914,775	19,751	2,493,343
Rod weeders	1,516	120,205	2,753	243,561
Blade weeders	16	5,908	37	13,220
Other tilling, cultivating and weeding machines .....	...	353,388	...	389,698
Haying Machinery -				
Mowers - Horse drawn	20,072	2,386,321	14,860	1,769,143
Tractor drawn or mounted	1,885	257,168	3,001	370,833
Hay loaders	4,110	452,013	4,156	496,397
Dump rakes	10,518	556,950	10,957	590,495
Side rakes and tedders	1,616	191,730	3,647	486,170
All other haying machinery .....	...	...	...	28,405
Harvesting Machinery -				
Combine reaper-threshers	7,326	11,192,258	8,800	16,317,946
Swathers or windrowers	1,018	309,836	6,560	2,309,871
Pick-up attachments for combines	4,973	286,122	3,800	241,711
Grain binders - Ground drive	16,947	4,640,637	12,024	3,931,745
Power take-off drive	2,115	1,058,443	5,085	1,889,823
Corn binders - Ground drive	1,065	206,235	1,021	223,643
Power take-off drive	1,085	304,397	1,315	388,415
Potato diggers - Horse or tractor drawn	614	100,884	354	54,679
All other harvesting machines (including headers, push harvesters, barge elevators, etc.) .....	...	286,743	...	182,245

Farm Implements

Table 8 - PRODUCTS MADE, 1946 and 1947 (Concluded)

Product	1 9 4 6		1 9 4 7	
	Number	Selling value at works	Number	Selling value at works
Machines For Preparing Crops For Market Or Use -				
Stationary threshers	1,779	1,529,896	2,489	2,714,180
Ensilage cutters	156	69,265	500	158,559
Corn shellers - Hand	550	9,212	500	8,375
Grain grinders	7,650	456,756	3,861	212,047
Rollers or crushers	2,539	210,696	1,948	96,910
Pulpers	1,050	35,232	458	26,987
Fanning mills or grain cleaners	2,293	124,147	2,791	164,028
Hammermills	1,292	247,860	1,262	173,334
Feed mixers	1,817	89,254	179	20,923
Grain loaders and elevators	1,751	96,832	1,818	176,816
All other machines for preparing crops for market or use .....	...	58,600	...	112,692
Tractors and Engines -				
Garden tractors (including motor tillers) -	209	45,375	228	42,390
Spraying and Dusting Equipment -				
All types (including attachments) .....	...	322,470	...	391,728
Farm wagons, Trucks and Sleighs -				
Wagon boxes	1,071	32,130	1,854	74,356
Wagon gears (standard)	1,681	160,874	1,027	56,705
Farm trucks (low wheel - Steel or wood)	1,040	77,810	1,195	93,136
Rubber tired gears or trailers	1,860	294,132	6,733	1,170,064
Sleighs	3,593	180,789	5,204	318,334
All other farm wagons, sleighs and trucks .....	...	295	...	456,657
Domestic Water Systems and Pumps -				
Domestic water pressure systems and power pumps	2,450	91,948	...	139,648
All other systems and pumps .....	...	75,649	...	...
Dairy Machinery and Equipment -				
Cream separators - 300 pounds and under	6,978	350,437	6,893	241,469
Over 300 pounds	19,116	1,291,056	17,370	1,414,374
All other dairy machinery and equipment (including motors, pumps, attachments) .....	...	2,672,802	...	3,082,170
Miscellaneous farm implements and machinery .....	...	873,825	...	7,140,374
Parts and accessories for farm implements and machinery .....	...	6,031,039	...	12,602,977
TOTAL FARM MACHINERY AND PARTS .....	...	52,247,004	...	79,966,899
Amount received for custom work and repairs .....	...	6,989,493	...	6,347,809
All other products .....	...	4,002,045	...	3,108,761
TOTAL ALL PRODUCTS .....	...	63,238,542	...	89,423,469

Table 9 - PRODUCTION OF PLOWS (x) IN CANADA, 1938-1947 (Including some plows made in other industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
1938	57,150	1,848,897	1943	36,415	1,948,793
1939	37,823	1,532,509	1944	35,558	2,124,021
1940	81,811	2,737,440	1945	56,262	2,891,507
1941	67,497	2,970,621	1946	74,696	4,852,399
1942	53,862	2,435,188	1947	72,460	4,552,612

(x) Not including harrow-plows, one-way discs or tiller-combines.

Farm Implements

Table 10 - PRODUCTION OF MOWERS IN CANADA, 1938-1947

Year	Number	Selling value at works \$	Year	Number	Selling value at works \$
1938	11,128	782,843	1943	5,672	495,496
1939	8,242	580,793	1944	9,448	852,560
1940	8,687	644,714	1945	20,511	2,029,967
1941	11,218	907,600	1946	21,957	2,643,489
1942	8,816	723,773	1947	17,861	2,139,976

Table 11 - PRODUCTION OF HARROWS IN CANADA, 1938-1947 (Including some harrows made in other industries)

Year	Number	Selling value at works \$	Year	Number	Selling value at works \$
1938	39,876	687,520	1943	11,400	405,298
1939	28,755	541,738	1944	26,641	692,686
1940	38,603	904,499	1945	48,565	886,995
1941	36,889	840,987	1946	82,836	2,163,496
1942	31,577	784,406	1947	72,894	2,328,290

Table 12 - PRODUCTION OF GRAIN BINDERS IN CANADA, 1938-1947

Year	Number	Selling value at works \$	Year	Number	Selling value at works \$
1938	15,349	2,860,662	1943	9,465	2,426,114
1939	9,916	1,995,093	1944	8,278	1,994,109
1940	13,297	2,546,507	1945	17,195	4,583,285
1941	8,893	1,939,587	1946	19,062	5,699,080
1942	9,703	2,307,714	1947	17,109	5,821,568

Table 13 - PRODUCTION OF THRESHERS AND REAPER-THRESHERS IN CANADA, 1938-1947 (Including some threshers made in other industries)

Year	Stationary		Reaper-thresher		T O T A L	
	Number	Selling value at works \$	Number	Selling value at works \$	Number	Selling value at works \$
1938					3,165	2,529,486
1939	(Not available				3,049	2,647,764
1940	separately				3,079	2,668,224
1941					3,653	3,531,861
1942					2,994	2,746,543
1943	for these years)				2,244	2,532,930
1944					4,615	6,356,896
1945	1,253	821,012	5,218	8,392,409	6,471	9,213,421
1946	2,009	1,672,610	7,326	11,192,258	9,335	12,864,868
1947	2,905	2,790,057	8,800	16,317,946	11,705	19,108,003

Table 14 - PRODUCTION OF SEED DRILLS IN CANADA, 1938-1947

Year	Number	Selling value at works \$	Year	Number	Selling value at works \$
1938	9,568	1,450,079	1943	6,906	1,335,105
1939	5,530	635,795	1944	6,915	1,281,642
1940	7,536	957,443	1945	8,585	1,542,085
1941	7,944	1,399,776	1946	8,617	1,823,179
1942	8,680	1,433,927	1947	10,899	2,815,312

Table 15 - PRODUCTION OF CREAM SEPARATORS IN CANADA, 1938-1947 (From all industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
1938	11,387	717,408	1946 - 300 pounds and under ..	6,978	350,437
1939	5,520	392,211	Over 300 pounds	19,326	1,322,556
1940	5,946	332,679	TOTAL	26,304	1,672,993
1941	19,876	986,268			
1942	20,986	1,084,035	1947 - 300 pounds and under ..	6,893	241,469
1943	13,081	866,073	Over 300 pounds	17,527	1,439,329
1944	25,737	1,574,041	TOTAL	24,420	1,680,798
1945	30,981	1,862,913			

Table 16 - PRODUCTION OF ONE-WAY DISCS, HARROW-PLOWS AND TILLER COMBINES, 1938-1947

Year	Number	Selling value at works	Year	Number	Selling value at works
1938	3,971	730,006	1943	4,696	767,993
1939	3,525	642,256	1944	5,740	1,290,975
1940	4,770	934,238	1945	6,199	1,153,433
1941	6,236	1,334,047	1946	10,499	2,345,797
1942	7,020	1,165,426	1947	19,292	4,342,744

Table 17 - PRODUCTION OF CULTIVATORS IN CANADA, 1938-1947 (From all industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
1938	9,238	667,996	1943	6,031	275,634
1939	5,884	410,226	1944	7,237	554,691
1940	10,165	590,776	1945	14,041	867,014
1941	7,731	511,603	1946	19,023	1,320,287
1942	8,469	478,549	1947	29,495	2,932,015

Table 18 - PRODUCTION OF WEEDERS AND CORN PLANTERS, 1938-1947

Year	Weeders		Corn Planters	
	Number	Selling value at works	Number	Selling value at works
1938	1,987	129,264	4,220	232,266
1939	1,535	107,876	2,298	117,119
1940	1,567	89,422	2,844	85,939
1941	1,825	98,759	1,750	57,569
1942	1,400	68,709	1,991	86,724
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

Table 19 - PRODUCTION OF HAY LOADERS AND HAY RAKES, 1938-1947

Year	Hay loaders		Hay rakes, including combination side rakes and tedders	
	Number	Selling value at works	Number	Selling value at works
1938	1,840	145,879	7,078	242,392
1939	1,122	95,287	4,924	185,430
1940	1,290	105,618	5,502	196,413
1941	1,812	151,488	5,987	245,349
1942	1,490	127,038	5,204	208,055
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

Farm Implements

Table 20 - PRODUCTION OF MANURE SPREADERS, 1938-1947 (From all industries)

Year	Number	Selling value	Year	Number	Selling value
		at works			at works
		\$			\$
1938	2,982	358,137	1943	2,125	260,082
1939	3,077	324,659	1944	4,242	592,070
1940	3,941	452,043	1945	6,946	912,158
1941	4,019	467,048	1946	5,562	694,905
1942	2,449	323,709	1947	5,963	839,863

Table 21 - PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF FARM IMPLEMENTS AND PARTS, 1940-1947

Year	Production	Imports	Exports
	\$	\$	\$
1940	18,285,000	30,673,000	9,609,000
1941	22,411,000	30,972,000	11,873,000
1942	19,638,000	23,644,000	9,122,000
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	53,990,850	68,351,742	28,661,562
1947	83,930,117	105,404,869	42,237,917

Note: In Table 21 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.

Table 22 - SALES OF FARM IMPLEMENTS AND EQUIPMENT IN CANADA, BY PROVINCES, 1943-1947

Province	1943	1944	1945	1946	1947
	\$	\$	\$	\$	\$
Maritimes	1,088,830	1,933,382	2,614,295	3,768,645	4,312,883
Quebec	3,133,424	5,058,633	6,127,410	8,867,989	11,174,016
Ontario	7,359,877	12,977,046	14,893,109	20,268,580	27,804,205
Manitoba	3,446,587	7,224,039	8,101,194	9,987,683	15,227,377
Saskatchewan	7,643,580	15,220,383	18,055,056	20,308,054	32,846,966
Alberta	6,357,970	11,117,015	12,832,109	15,698,660	25,760,033
British Columbia	766,292	1,293,637	1,670,043	2,798,574	3,524,207
CANADA	29,796,560	54,824,135	64,293,216	81,698,185	120,649,687

Note: In Table 22 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. Details of imports and exports may be obtained from the same source.

Table 23 - NUMBER OF SPECIFIED MACHINES ON FARMS IN CANADA, 1941 (According to last Decennial Census)

Province	Auto- mobiles	Motor trucks	Tractors		Com- bines	Thresh- ing machines	Electric motors	Gasoline engines
			Under 15 h.p.	15 h.p. and over				
			(Number)					
Prince Edward Island ...	3,575	489	426	149	4	3,014	399	4,128
Nova Scotia	9,453	2,694	968	419	3	800	1,262	3,023
New Brunswick	8,672	1,869	778	360	53	2,773	1,026	4,327
Quebec	27,003	6,676	3,814	2,157	52	32,237	8,541	39,107
Ontario	127,856	17,416	21,982	13,030	789	8,961	40,120	32,586
Manitoba	27,056	7,585	7,211	14,738	1,716	10,077	1,463	15,774
Saskatchewan	57,058	21,422	13,548	40,466	11,227	21,503	1,984	33,570
Alberta	43,716	14,496	6,754	29,346	5,163	12,709	2,410	30,461
British Columbia	9,753	4,829	1,596	1,101	60	700	2,242	3,850
Yukon	2	2	1	...	...	...	...	3
CANADA	314,144	77,478	57,078	101,766	19,067	92,774	59,447	166,829

LIST OF FIRMS IN THE FARM IMPLEMENTS INDUSTRY, 1947

Name of Firm	Address
<u>Prince Edward Island -</u>	
Hall Mfg. & Cold Storage Co. Ltd., The	Water St., Summerside
<u>Quebec -</u>	
Banville, O. & Fils	St. Octave de Metis
Desjardins Limitee	St. Andre de Kamouraska
Dion Freres Inc.	Ste. Therese
La Compagnie Jutras Limitee	Victoriaville
Moody, Matthew & Sons Company	St. Louis St., Terrebonne
Pont Rouge Machineries Ltd.	Pont Rouge
<u>Ontario -</u>	
Advance Machine & Tool Co. Ltd.	1585 St. Luke Road, Windsor
Amalgamated Enterprises	33 Church St., Toronto
Buehler Metal Products Ltd.	Hespeler
Canadian Potato Machinery Co. Ltd.	Jarvis St., Galt
Cockshutt Plow Company Ltd.	66 Mohawk St., Brantford
John Deere Plow Co. Limited	Port Colborne Highway, Welland
DeLaval Company Limited	113 Park St., Peterborough
Delhi Foundry & Machine Shop	191 King St., Delhi
Ebersol, J. R., Esq.	Milverton
Erie Machine Products Ltd.	Harrow
Ernst Bros. Company Limited	Durham St., Mount Forest
Fell, Chas. Esq.,	Schomberg
Ferguson Thresher Co.	Maxville
Fleury-Bissel Limited	Mill St., Elora
Frost & Wood Company Limited	Smiths Falls
Garden Power Tools Ltd.,	R.R. #2, West Hill
John Goodison Thresher Co. Ltd.	Clifford St., Sarnia
Gray-Snyder Ltd.	Hillsburg
Heavy Duty Products	Preston
Herrgott Thresher Co.	Main St., St. Clemens
Hough & Collins	33 Leyton Ave., Toronto
International Harvester Company of Canada Limited	Sherman Ave., N., Hamilton
Lewis, Clarence W., Esq.	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
Merrickville Plow Co.	Merrickville
Otaco Limited	West St., Orillia
Otto's R. Steel Products	Tavistock
Renfrew Machinery Company Limited, The	Lochiel St., Renfrew
Sedore, Ernest, & Son	Mount Albert
Spraymotor Ltd.	1099-1105 York St., London
Universal Tractors, Ltd.	Bartonville, Ont.
Watterworth, Charles W.,	2 Queen St., Beamsville
White, Geo., & Sons Co. Ltd.	Cabell, London
Wood, W.C., Company Limited, The	123 Woolwich St., Guelph
<u>Manitoba -</u>	
Canadian Co-operative Implements Ltd.	601 Bowman Ave., Winnipeg
Derby Specialty Manufacturing Co.	414 Osborne St., Winnipeg
Hart-Emerson Company Limited, The	1425 Whyte Ave., Winnipeg
Machine Industries Ltd.	623 Archibald St., St. Boniface
Malmgren Implement Mfg. Co.	753 Marion St., St. Boniface
Standard Gas Engine Works	Morden
Universal Tractor Hitch	Pilot Mound

LIST OF FIRMS IN THE FARM IMPLEMENTS INDUSTRY, 1947 (Concluded)

<u>Name of Firm</u>	<u>Address</u>
<u>Saskatchewan -</u>	
Kjellander, E. A. & Son	1739 Hamilton St., Regina
Shannavon Industries	Shannavon
Wieler, Jacob	Swift Current
<u>Alberta -</u>	
Ferguson Co., E.C.	9545 - 111th Ave., Edmonton
Noble Cultivators	Nobleford
Robinson Equipment Co. Ltd.	1820 - 9th Ave.E., Calgary
Robinson Machine & Supply Co. Ltd.	50th Avenue and 1st St. S.W., Calgary
Samson Rotary Rod Weeder, Ltd.	1019 - 10th Ave. W., Calgary
Victory Manufacturing Co.	Barons
<u>British Columbia -</u>	
New World Farm Implement Mfg. Co.	24123 - 85th Ave., Langley Prairie

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