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**CANADA**

**DEPARTMENT OF TRADE AND COMMERCE**

**DOMINION BUREAU OF STATISTICS**

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**MINING, METALLURGICAL & CHEMICAL STATISTICS**

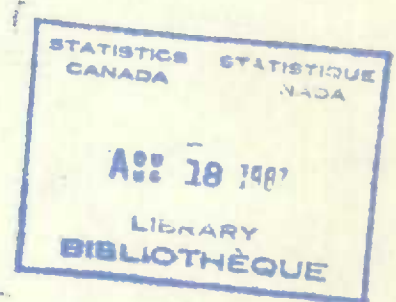


**THE FARM IMPLEMENTS AND  
MACHINERY INDUSTRY**

**IN**

**CANADA**

**1946**



**OTTAWA**

**1946**

Price 25 cents

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CANADA

DEPARTMENT OF TRADE AND COMMERCE

COMMISSIONER GENERAL OF STATISTICS

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General Information and Special Statistics

THE FARM IMPLEMENTS AND

MACHINE INDUSTRY



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## Annual Industry Report

## Iron and Steel and Their Products Group

THE FARM IMPLEMENTS AND MACHINERY INDUSTRY, 1946

Production by establishments in the farm implements and machinery industry was 9.7 per cent higher in value in 1946 than in 1945, and 3.5 per cent higher than in 1944. Actual values (at factory prices) for these years were as follows: \$63,238,542 in 1946, \$57,621,390 in 1945, and \$61,098,793 in 1944. The output of farm equipment in this industry amounted to \$52,247,004 in 1946, \$37,751,375 in 1945 and \$25,342,538 in 1944. In other industries there was a small production of farm machinery, amounting to \$1,743,846 in 1946, \$949,000 in 1945 and \$954,000 in 1944.

Fifty-one factories were included in the farm implements industry in 1946, there being 31 works in Ontario, 7 in Quebec, 6 in Manitoba, 5 in Alberta, 1 in Prince Edward Island, and 1 in Saskatchewan. The works in Ontario accounted for 95 per cent of the total output.

The industry employed an average of 13,866 workers during the year, the 2,318 salaried employees being paid \$5,436,844 and the 11,548 wage-earners \$20,038,264. The total of \$25,475,108 for salaries and wages was 4.4 per cent more than the amount distributed to the 13,554 employees in 1945.

Table 1 - PRINCIPAL STATISTICS OF THE FARM IMPLEMENTS AND MACHINERY INDUSTRY, 1936-1946

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
			\$	\$	\$	\$
1936 .....	36	5,508	6,041,620	530,300	7,209,399	15,957,460
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
Per cent change						
1946 from 1945 .....	...	+2.3	+4.4	+7.7	+24.3	+9.7

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, 1945 and 1946

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>1945</u>						
Quebec .....	6	249	305,332	16,012	327,307	790,393
Ontario .....	24	13,024	23,680,039	1,036,387	25,288,092	55,191,394
Prince Edward Island .....	1)	49	76,694	5,675	140,708	280,774
Alberta .....	3)					
Manitoba .....	6)	232	347,461	20,660	658,832	1,358,829
Saskatchewan .....	1)					
CANADA .....	41	13,554	24,409,526	1,078,734	26,414,939	57,621,390

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



Table 2 - PRINCIPAL STATISTICS, BY PROVINCES, 1945 and 1946 (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>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

Table 3 - EMPLOYEES, SALARIES AND WAGES, BY PROVINCES, 1945 and 1946

Province	Average Number of Employees				Total	Salaries	Wages	Total Salaries and Wages
	On Salaries		On Wages					
	Male	Female	Male	Female				
<u>1945</u>								
Quebec .....	21	6	222	...	249	55,562	249,770	305,332
Ontario .....	1,464	779	9,752	1,029	13,024	4,712,683	18,967,356	23,680,039
Manitoba .....	16	8	207	...	231	54,124	292,910	347,034
Other provinces .	9	3	38	...	50	28,775	48,346	77,121
CANADA .....	1,510	796	10,219	1,029	13,554	4,851,144	19,558,382	24,409,526
<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

Table 4 - WAGE-EARNERS, BY MONTHS, 1945 and 1946 (On the last work day of each month)

Month	1945			1946		
	Male	Female	Total	Male	Female	Total
January .....	10,670	1,558	12,228	11,442	302	11,744
February .....	10,727	1,528	12,255	11,326	304	11,630
March .....	10,620	1,485	12,105	11,185	261	11,446
April .....	10,150	1,432	11,582	11,160	251	11,411
May .....	9,934	1,404	11,338	11,271	236	11,507
June .....	9,768	1,134	10,902	11,272	228	11,500
July .....	9,775	1,077	10,852	11,566	230	11,796
August .....	9,685	865	10,550	10,841	212	11,053
September .....	9,435	538	9,973	11,238	227	11,465
October .....	10,208	462	10,670	11,452	226	11,678
November .....	10,803	442	11,245	11,461	211	11,672
December .....	10,855	404	11,259	11,380	209	11,589
AVERAGE .....	10,219	1,029	11,248	11,304	244	11,548

Farm Implements

Table 5 - FUEL AND ELECTRICITY USED, 1945 and 1946

Kind	Unit of measure	1 9 4 5		1 9 4 6	
		Quantity	Cost at works	Quantity	Cost at works
		\$		\$	
Bituminous coal - Canadian	ton	467	4,687	794	6,493
Imported	ton	49,464	395,473	36,997	297,753
Sub-bituminous coal (from Alberta mines only) .....	ton	8	78	2,541	22,728
Anthracite coal .....	ton	503	4,623	90	1,582
Lignite coal .....	ton	121	714	121	714
Coke .....	ton	525	2,893	268	3,153
Gasoline .....	Imp.gal.	127,150	41,325	166,563	46,760
Kerosene .....	Imp.gal.	3,233	622	3,152	585
Fuel oil .....	Imp.gal.	2,554,635	215,492	4,385,073	339,202
Wood .....	cord	283	1,917	708	3,624
Gas - Manufactured .....	M cu.ft.	231,409	73,252	256,775	82,685
Natural .....	M cu.ft.	4,362	2,528	6,603	2,721
Electricity .....	K.W.H.	43,032,948	335,130	44,381,670	342,463
Other fuel .....	...	...	...	...	11,596
TOTAL .....	...	...	1,078,734	...	1,162,059

Table 6 - POWER EQUIPMENT, 1945 and 1946

	Ordinarily in Use		In Reserve or Idle	
	Number of units	Total horse power rating	Number of units	Total horse power rating
	1 9 4 5			
Steam engines and steam turbines .....	12	2,430	4	1,650
Gasoline, gas and oil engines (except Diesel) .....	10	137	...	...
Diesel engines .....	...	...	1	44
Hydraulic turbines or water wheels .....	2	95	...	...
Electric motors run by purchased power .....	3,978	25,413	238	1,979
TOTAL .....	4,002	28,075	243	3,673
Stationary power boilers .....	21	3,592	2	150
Motor-generator sets .....	13	638	1	100
	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.

Table 7 - MATERIALS USED IN MANUFACTURING, 1945 and 1946

Material	Unit of measure	1 9 4 5		1 9 4 6	
		Quantity	Total cost at works	Quantity	Total cost at works
		\$		\$	
Iron -					
Pig iron, all grades .....	ton	26,521	640,347	27,288	775,187
Iron castings of all kinds purchased .....	ton	16,331	2,820,054	26,518	5,155,866
Steel, hot or cold rolled (except special alloy steel) -					
Steel castings .....	ton	521	143,614	633	198,034
Bars .....	ton	59,160	3,848,004	83,962	4,790,755
Forgings .....	ton	...	31,241	...	59,629
Plates .....	ton	3,145	288,077	3,802	471,416



Table 7 - MATERIALS USED IN MANUFACTURING, 1945 and 1946 (Concluded)

Material	Unit of measure	1 9 4 5		1 9 4 6	
		Quantity	Total cost at works \$	Quantity	Total cost at works \$
Steel, hot or cold rolled (except special alloy steel)(Concluded)					
Shafting .....	ton	3,476	415,658	7,215	620,093
Sheets, plain .....	ton	7,967	940,755	15,537	1,095,666
Sheets, galvanized .....	ton	2,106	215,667	3,732	350,169
Tin plate .....	base box	308	6,100	290	7,020
Strip .....	ton	1,881	117,599	2,004	140,499
Stampings .....	ton	284	49,633	...	69,886
Structural shapes (angles, channels, etc.) ..	ton	2,573	265,342	1,641	110,586
Wire .....	ton	343	29,831	523	42,451
Scrap iron and steel of all kinds .....	ton	22,023	429,859	13,655	289,212
Pipe, tubing and fittings of iron and steel ..	...	...	275,733	...	369,931
Other iron and steel (except finished parts)..	...	...	16,815	...	16,584
Alloy steel -					
Carbon and alloy tool steels, including					
high-speed .....	...	...	96,630	...	116,569
Stainless steels .....	...	...	61,708	...	113,028
Other alloy steels .....	...	...	10,302	...	5,181
Ferro-alloys .....	...	...	19,805	...	46,378
Non-ferrous metals (all forms, including scrap)-					
Aluminum .....	pound	38,328	16,109	49,226	18,377
Brass and bronze .....	pound	1,198,935	183,070	998,061	167,370
Copper .....	pound	666,557	150,877	99,987	23,531
Lead .....	pound	26,438	1,423	48,054	2,810
Nickel .....	pound	15,655	4,985	35,924	11,364
Tin .....	pound	30,113	19,215	26,834	17,502
Zinc .....	pound	234,160	20,573	82,371	8,050
Mabbutt metals and solder .....	pound	86,918	16,976	134,453	24,187
Other metals .....	...	...	9,032	...	16,360
Other materials and supplies -					
Parts for machines or vehicles .....	...	...	6,162,000	...	7,814,714
Bolts, nuts, rivets and screws .....	...	...	876,239	...	1,026,349
Electrical goods, including motors .....	...	...	325,825	...	427,765
Paints, oils and varnishes .....	...	...	466,285	...	630,007
Wheels .....	No.	...	324,942	...	438,295
Cotton, duck and other textiles .....	...	...	676,236	...	643,917
Foundry coke (used in cupola, not for heat or power)					
.....	ton	10,223	145,331	9,065	148,742
Moulding sands .....	ton	5,051	27,810	5,663	29,955
Core sands .....	ton	4,163	17,953	4,961	20,805
Silica sand .....	ton	51	489	28	282
Other foundry sands .....	ton	174	1,035	166	1,292
Starch .....	pound	850	110	1,200	150
Plumbago and graphite .....	pound	14,839	1,133	12,725	1,036
Other foundry facings .....	pound	296,412	10,182	493,726	13,485
Patterns and models .....	...	...	29,932	...	44,737
Lumber .....	M ft.b.m.	35,575	2,347,946	30,576	2,251,989
Firebrick .....	number	349,206	32,482	369,129	34,612
Fireclay .....	ton	2,479	22,772	1,528	12,841
Cupola blocks .....	number	7,865	1,709	5,790	1,469
Core oil .....	Imp.gal.	16,951	12,109	26,896	20,828
Core compounds .....	pound	795,350	18,549	230,914	25,615
Acetylene .....	cu.ft.	528,372	13,473	665,249	15,406
Oxygen .....	cu.ft.	1,185,512	12,479	1,412,044	13,570
Shipping containers .....	...	...	39,804	...	181,140
All other materials and supplies .....	...	...	3,603,079	...	3,919,367
<b>TOTAL</b> .....	...	...	<b>26,414,939</b>	...	<b>32,852,259</b>

Table 8 - PRODUCTS MADE, 1945 and 1946

Product	1 9 4 5		1 9 4 6	
	Number	Selling value at works	Number	Selling value at works
<b>Planting, Seeding and Fertilizing Machinery -</b>				
Corn planters - Horse and tractor drawn .....	2,856	154,377	4,261	214,748
Grain and fertilizer drills (combination) .....	5,052	911,430	3,809	781,140
Grain drills - plain and press .....	8,585	1,542,085	8,617	1,823,179
Seed boxes for harrow plows, one way discs and tiller combines .....	6,244	900,982	4,569	250,086
Fertilizer and lime sowers, horse or tractor drawn ..	471	40,986	752	75,531
Manure spreaders .....	6,746	880,158	5,262	646,905
All other planting, seeding and fertilizing machines.	...	34,538	...	85,680
<b>Plows -</b>				
Walking plows - 1 furrow .....	29,692	399,685	43,007	706,668
2 furrow .....	1,971	89,207	1,850	193,511
Sulky plows - 1 furrow .....	2	100	...	...
Riding gang plows - 2 furrow .....	95	6,980	250	16,575
Mouldboard plows - Tractor drawn .....	22,779	2,032,605	27,942	3,790,538
Disc plows - Horse drawn .....	260	43,112	45	9,702
Tractor drawn .....	588	283,146	200	89,970
Harrow plows, one-way discs, tiller combines .....	6,199	1,153,433	10,499	2,345,797
Breaker plows .....	162	17,858	...	...
All other plows .....	...	5,439	...	8,148
<b>Tilling, Cultivating, Weeding Machines -</b>				
Harrows - Drag (sections) .....	28,116	120,058	44,489	244,737
Spring tooth (sections) .....	7,246	161,135	9,748	238,557
Disc - Horse or tractor drawn -				
Under 12' .....	7,162	432,296	10,360	567,880
12' or over .....	874	86,029	2,157	305,505
Tandem tractor disc .....	639	52,756	4,088	448,074
Land rollers .....	719	18,771	380	8,465
Soil packers .....	907	29,636	997	37,119
Scufflers and horse hoe .....	18,670	188,189	20,860	275,971
Corn cultivators - Horse and tractor drawn .....	423	28,144	348	30,124
Field cultivators - Horse and tractor drawn .....	8,212	785,509	8,463	914,775
Beet, bean and vegetable cultivators -				
Horse and tractor drawn .....	275	17,187	...	...
Rod weeders .....	1,076	53,542	1,516	120,205
Blade weeders .....	462	132,155	16	5,908
Other tilling, cultivating and weeding machines .....	...	841	...	353,388
<b>Haying Machinery -</b>				
Mowers - Horse drawn .....	19,595	1,892,982	20,072	2,386,321
Tractor drawn or mounted .....	916	136,985	1,885	257,168
Hay loaders .....	2,513	241,991	4,110	452,013
Dump rakes .....	10,566	447,234	10,518	556,950
Side rakes and tedders .....	1,182	115,039	1,616	191,730
All other haying machinery .....	...	...	...	...
<b>Harvesting Machinery -</b>				
Combine reaper-threshers .....	5,218	8,392,409	7,326	11,192,258
Swathers or windrowers .....	408	103,510	1,018	309,836
Pick-up attachments for combines .....	3,519	265,591	4,973	286,122
Grain binders - Ground drive .....	13,794	3,476,252	16,947	4,640,637
Power take-off drive .....	3,401	1,107,033	2,115	1,058,443
Corn binders - Ground drive .....	310	50,142	1,065	206,235
Power take-off drive .....	...	...	1,085	304,397
Potato diggers - Horse or tractor drawn .....	1,092	184,821	614	100,884
All other harvesting machines (including headers, push harvesters, barge elevators, etc.) .....	...	133,250	...	286,743



Farm Implements

Table 8 - PRODUCTS MADE, 1945 and 1946 (Concluded)

Product	1 9 4 5		1 9 4 6	
	Number	Selling value at works \$	Number	Selling value at works \$
<b>Machines For Preparing Crops For Market Or Use -</b>				
Stationary threshers .....	1,105	720,052	1,779	1,529,896
Ensilage cutters .....	228	71,457	156	69,265
Corn shellers - Hand .....	392	8,161	550	9,212
Grain grinders .....	11,219	560,289	7,650	456,756
Rollers or crushers .....	285	12,275	2,539	210,696
Pulpers .....	856	23,661	1,050	35,282
Fanning mills or grain cleaners .....	1,602	87,031	2,293	124,147
Hammermills .....	498	60,749	1,292	247,880
Feed mixers .....	1,334	73,160	1,817	89,254
Grain loaders and elevators .....	1,617	88,638	1,751	96,832
All other machines for preparing crops for market or use .....	...	62,206	...	58,600
<b>Tractors and Engines -</b>				
Garden tractors (including motor tillers)-	(b)	(b)	209	45,375
<b>Spraying and Dusting Equipment -</b>				
All types (including attachments) .....	6,107	227,578	...	322,470
<b>Farm wagons, Trucks and Sleighs -</b>				
Wagon boxes .....	1,937	37,360	1,071	32,130
Wagon gears (standard) .....	3,396	265,410	1,681	160,874
Farm trucks (low wheel - Steel or wood) .....	783	49,203	1,040	77,810
Rubber tired gears or trailers .....	230	29,580	1,860	294,132
Sleighs .....	1,798	137,037	3,593	180,789
All other farm wagons, sleighs and trucks .....	...	277,699	...	295
<b>Domestic Water Systems and Pumps -</b>				
Domestic water pressure systems and power pumps .....	1,900	50,448	2,450	91,948
All other systems and pumps .....	...	19,032	...	75,649
<b>Dairy Machinery and Equipment -</b>				
Cream separators - 300 pounds and under .....	30,762	1,832,508	6,978	350,437
Over 300 pounds .....			19,116	1,291,056
All other dairy machinery and equipment (including motors, pumps, attachments) .....	...	2,489,045	...	2,672,802
Miscellaneous farm implements and machinery .....	...	660,474	...	873,825
Parts and accessories for farm implements and machinery .....	...	2,758,714	...	6,031,039
<b>TOTAL FARM MACHINERY AND PARTS .....</b>	<b>...</b>	<b>37,751,375</b>	<b>...</b>	<b>52,247,004</b>
Amount received for custom work and repairs .....	...	7,014,037	...	6,989,493
All other products .....	...	12,855,978	...	4,002,045
<b>TOTAL ALL PRODUCTS (a) .....</b>	<b>...</b>	<b>57,621,390</b>	<b>...</b>	<b>63,238,542</b>

(a) Includes stoves, washing machines, warehouse trucks, metal stampings, etc. (b) Reported by one firm only.

Table 9 - PRODUCTION OF PLOWS (x) IN CANADA, 1937-1946 (Including some plows made in other industries)

Year	Number	Selling value at works \$	Year	Number	Selling value at works \$
1937 .....	61,782	1,782,956	1942 .....	53,862	2,435,188
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

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



Farm Implements

Table 10 - PRODUCTION OF MOWERS IN CANADA, 1937-1946

Year	Number	Selling value at works	Year	Number	Selling value at works
1937	11,320	740,467	1942	8,816	723,773
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

Table 11 - PRODUCTION OF HARROWS IN CANADA, 1937-1946 (Including some harrows made in other industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
1937	43,767	668,571	1942	31,577	784,406
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	82,936	2,163,496

Table 12 - PRODUCTION OF GRAIN BINDERS IN CANADA, 1937-1946

Year	Number	Selling value at works	Year	Number	Selling value at works
1937	9,535	1,667,534	1942	9,703	2,307,714
1938	15,349	2,860,662	1943	9,465	2,436,114
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

Table 13 - PRODUCTION OF THRESHERS AND REAPER-THRESHERS IN CANADA, 1937-1946

Year	Number	Selling value at works
1937	2,061	1,806,295
1938	3,165	2,529,486
1939	3,049	2,647,764
1940	3,079	2,668,224
1941	3,653	3,531,861
1942	2,994	2,746,543
1943	2,244	2,532,930
1944	4,615	6,356,896
1945 - Stationary	1,253	821,012
Reaper-thresher ..	5,218	8,392,409
TOTAL	6,471	9,213,421
1946 - Stationary	2,009	1,672,610
Reaper-thresher ..	7,326	11,192,258
TOTAL	9,335	12,864,868

Table 14 - PRODUCTION OF SEED DRILLS IN CANADA, 1937-1946

Year	Number	Selling value at works	Year	Number	Selling value at works
1937	6,664	806,115	1942	8,680	1,433,927
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

Table 15 - PRODUCTION OF CREAM SEPARATORS IN CANADA, 1937-1946

Year	Number	Selling value at works	Year	Number	Selling value at works
1937 .....	10,893	676,976	1942 .....	20,986	1,084,035
1938 .....	11,387	717,408	1943 .....	13,081	866,073
1939 .....	5,520	392,211	1944 .....	25,737	1,574,041
1940 .....	5,946	332,679	1945 .....	30,981	1,862,913
1941 .....	19,876	986,268	1946 - 300 pounds and under	6,978	350,437
			Over 300 pounds ..	19,326	1,322,556
			TOTAL ....	26,304	1,672,993

Table 16 - PRODUCTION OF ONE-WAY DISCS, HARROW-PLOWS AND TILLER COMBINES, 1937-1946

Year	Number	Selling value at works	Year	Number	Selling value at works
1937 .....	7,639	999,086	1942 .....	7,020	1,165,426
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

Table 17 - PRODUCTION OF CULTIVATORS IN CANADA, 1937-1946 (From all industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
1937 .....	7,842	380,253	1942 .....	8,469	478,549
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

Table 18 - PRODUCTION OF WEEDERS AND CORN PLANTERS, 1937-1946

Year	Weeders		Corn Planters	
	Number	Selling value at works	Number	Selling value at works
1937 .....	1,994	110,309	3,833	119,265
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

Table 19 - PRODUCTION OF HAY LOADERS AND HAY RAKES, 1937-1946

Year	Hay loaders		Hay rakes, including combination side rakes and tedders	
	Number	Selling value at works	Number	Selling value at works
1937 .....	1,254	93,662	6,549	213,175
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



Table 20 - PRODUCTION OF MANURE SPREADERS, 1937-1946

Year	Number	Selling value at works	Year	Number	Selling value at works
1937 .....	2,949	337,589	1942 .....	2,449	323,709
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

Table 21 - PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF FARM IMPLEMENTS AND PARTS, 1940-1946

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

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, 1942-1946

Province	1942	1943	1944	1945	1946
Maritimes .....	1,610,056	1,088,830	1,933,382	2,614,295	3,763,949
Quebec .....	4,532,984	3,133,424	5,058,633	6,127,410	8,862,669
Ontario .....	13,672,486	7,359,877	12,977,046	14,893,109	20,202,645
Manitoba .....	6,548,306	3,446,587	7,224,039	8,101,194	9,924,778
Saskatchewan .....	12,523,365	7,643,580	15,220,383	18,055,056	20,219,090
Alberta .....	10,338,469	6,357,970	11,117,015	12,832,109	15,463,456
British Columbia .....	1,235,857	766,292	1,293,637	1,670,043	2,935,608
CANADA .....	50,461,523	29,796,560	54,824,135	64,293,216	81,372,195

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				
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, 1946

Name of Firm	Address
<u>Prince Edward Island -</u>	
The Hall Mfg. & Cold Storage Co. Ltd.	Water St., Summerside
<u>Quebec -</u>	
Banville, O. & Fils	St. Octave de Metis
Desjardins Limitée	St. Andre de Kamouraska
Dion Freres Inc.	Ste. Therese
La Compagnie Jutras Limitée	Victoriaville
Moody, Matthew & Sons Company	St. Louis St., Terrebonne
Pont Rouge Machineries Ltd.	Pont Rouge
Rhoet Metal Works Ltd.	335 - 7th Ave., Lachine
<u>Ontario -</u>	
Amalgamated Enterprises	33 Church St., Toronto
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
Ebersol, J. R.	Milverton
Ernst Bros. Company Limited	Durham St., Mount Forest
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
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
K & K Engineering	19 Centre St. E., Richmond Hill
Lewis, Clarence W.,	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
Otaco Limited	West St., Orillia
R. Otto's Steel Products	Tavistock
The Renfrew Machinery Company Limited	Lochiel St., Renfrew
Sedore, Ernest, & Son	Mount Albert
Spramotor Ltd.	1099-1105 York St., London
Universal Tractors, Ltd.	Bartonville, Ont.
Watterworth, Charles W.,	2 Queen St., Beamsville
Geo. White & Sons Co. Ltd.	Cabell, London
The W.C. Wood Company Limited	123 Woolwich St., Guelph
<u>Manitoba -</u>	
Canadian Co-operative Implements Ltd.	601 Bowman Ave., Winnipeg
Derby Specialty Manufacturing Co.	376 Donald St., Winnipeg
The Hart-Emerson Company Limited	1425 Whyte Ave., Winnipeg
Monarch Machinery Co. Limited	889 Erin St., Winnipeg
Standard Gas Engine Works	Morden
Universal Tractor Hitch	Pilot Mound
<u>Saskatchewan -</u>	
Wieler, Jacob	Swift Current
<u>Alberta -</u>	
Ferguson Co., E.C.	9545 - 111th Ave., Edmonton
Noble Farms Ltd.	Nobleford
Robinson Equipment Co. Ltd.	1820 - 9th Ave. E., Calgary
Samson Rotary Rod Weeder, Ltd.	1019 - 10th Ave. W., Calgary
Victory Manufacturing Co.	Barons



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