CANADA

DOMINION BUREAU OF STATISTICS

CENSUS OF MERCHANDISING AND SERVICE ESTABLISHMENTS

SALES OF

FARM IMPLEMENTS AND EQUIPMENT

IN

CANADA

1938 and 1939

+ + +

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CENSUS OF MERCHANDISING AND SERVICE ESTABLISHMENTS

Sales of Farm Implements and Equipment in Canada, 1939

Although the upward trend which characterized the farm implement trade in Canada during recent years was not continued in 1939, nevertheless sales for the year were maintained within narrow limits of the 1938 volume and were still substantially higher than the level of 1937. Domestic sales at wholesale prices to dealers totalled $33,927,654 for 1939, down 6.3 per cent from the $36,213,382 reported for 1938 but 10.2 per cent above the $30,775,198 recorded for 1937. These figures relate to the sale of new equipment and machinery only and they are exclusive of parts, binder twine and motor trucks. They are based on returns submitted by the manufacturers of farm implements in Canada, by Canadian branches or agents of United States firms and by distributors of goods imported from other countries. Sales of farm implements and equipment made by mail-order houses in Canada are also included.

The trend in sales between 1938 and 1939 was not uniform for all sections of the country. Summary dollar sales on a regional basis secured for 1938 and 1939 indicate increases in the Maritime Provinces and Saskatchewan and declines in all other provinces. Sales in the Maritime Provinces at $1,083,168 for 1939 were 16 per cent above the 1938 figure of $934,115. Saskatchewan sales gained 9 per cent from $7,812,638 in 1938 to $8,508,410 in 1939. Minor decreases of 1 and 2 per cent below 1938 were reported for Alberta and Quebec respectively. Ontario sales were down by 5 per cent; British Columbia, 9 per cent and Manitoba, 34 per cent.

Results on a regional basis indicate the relative importance of the various provinces as markets for farm implements and equipment. The following table shows the dollar sales by provinces for 1938 and 1939, the percentage change between the two years and the proportion which sales in each province formed of the Dominion totals:

Table 1.--Provincial Distribution of Farm Implement and Equipment Sales, 1938 and 1939

Province	1938		1939		
	Amount	% of Canada Total	Amount	% of Canada Total	% Change
CANADA	36,213,382	100.0	33,927,654	100.0	- 6.3
Maritimes	934,115	2.6	1,083,168	3.2	+ 16.0
Quebec	2,631,845	7.3	2,587,058	7.6	- 1.7
Ontario	7,786,267	21.5	7,423,604	21.9	- 4.7
Manitoba	7,465,625	20.6	4,905,443	14.4	- 34.3
Saskatchewan	7,812,638	21.6	8,508,410	25.1	+ 8.9
Alberta	9,143,567	25.2	9,020,222	26.6	- 1.3
British Columbia	439,325	1.2	399,749	1.2	- 9.0

The marked increase in combine sales which commenced in 1938 was continued in 1939 when 2,644 units sold for $2,913,565, up 97 per cent in number and 83 per cent in value from the preceding year. Tractor sales were slightly higher at 13,410 in 1939 compared with 13,230 in 1938. Tractor-drawn plows registered increases of 6 per cent and 16 per cent for moulboard and disc types respectively while most other kinds of heavier farm machinery registered declines for the year under review.

Dollar sales of planting and seeding machinery declined 27 per cent from 1938. There were 3,741 grain drills sold for $815,698 in Canada last year, down 35 per cent in number and 38 per cent in value from the earlier period. Sales of press drills were only slightly lower at 357 in 1939 compared with 365 in 1938, whereas sales of the regular type declined by 37 per cent from 5,366 in 1938 to 3,384 in 1939. Sales of manure spreaders offered an exception to the general trend increasing by 13 per cent from 2,703 units sold in 1938 to 3,044 units sold in 1939.

Excepting only the tractor plows previously mentioned, all categories in the tillage machinery group registered declines from 1938, dollar sales for the group as a whole standing 5 per cent lower in 1939 than in the preceding year. Cultivator sales at 14,387 in 1939 were 8 per cent lower than the number sold in 1938. Separate figures for field cultivators only show 3,854 units sold for $533,421 in 1939, down 5 per cent in number and 4 per cent in value from the 4,045 units which sold for $556,583 in 1938.

There were 24,339 plows of all types sold in Canada last year, down by 4 per cent from the number sold in 1938. Decreases were general for all types of horse-drawn plows while increases were reported for the tractor types. Sales of mouldboard plows for 1939 totalled 18,167, of which number 13,395 were horse-drawn and 4,772 were tractor-drawn. Included in the total figures for 1939 were also 1,283 disc plows, 4,307 harrow plows, one-way disc plows or tiller combines, 453 breaker plows and 129 plows of miscellaneous types.

Decreases of approximately 20 per cent were general for most branches of the haying machinery group. Mower sales numbered 6,939 in 1939, down by 23 per cent from the number sold in the previous year. Hayloader sales declined 20 per cent from 1,247 in 1938 to 997 in 1939 while dump rakes declined by 15 per cent from 5,135 to 4,364 in the same comparison.

There were 7,839 grain binders sold for $2,089,153 last year, down 41 per cent in number and 42 per cent in value from 1938, decreases for horse-drawn and tractor-drawn types being similar at 41 per cent and 42 per cent respectively. Corn binder sales at 564 were 8 per cent lower than in the preceding year. Sales of stationary threshers numbered 1126 in 1939 compared with 1,257 in 1938. Combine sales increased by 97 per cent and swathers also increased slightly by 6 per cent.

The number of cream separators sold declined by 9 per cent in 1939, 25,013 units being sold in the year under review compared with 27,426 in 1938.

Data were also secured covering domestic sales of a miscellaneous group of farm equipment and supplies. In the main, these cover only those made by manufacturers and distributors of the heavier types of farm machinery and equipment. In some instances these items are sold by manufacturers belonging to other industries and not coming within the scope of this survey. For this reason the figures shown in this bulletin for some items in the miscellaneous group do not cover the total domestic sales of these commodities.

While both unit and value figures are shown, the reader is cautioned against using these data for obtaining changes in average prices for the various items over the two-year period. Any such apparent changes from averages thus derived may be due to shifts in demand from one price range to another rather than to any change in the price of identical items in the two years.

Table 2.--Summary of Farm Implement and Equipment Sales in Canada, 1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices, by Main Types)

Type	1938		1939			
					Value	
	No. of Units	Value	No. of Units	Per Cent Change	Amount	Per Cent Change
		$			$	
All Types, Total	-	36,213,382	-	-	33,927,654	- 6.3
All Types, Itemized Total	209,425	34,869,026	192,710	- 8.0	32,571,321	- 6.6
Planting and seeding machinery	9,733	1,855,368	7,675	- 21.1	1,358,115	- 26.8
Tillage machinery	74,338	4,561,801	66,173	- 11.0	4,343,041	- 4.8
Haying machinery	16,196	1,433,771	12,875	- 20.5	1,096,409	- 23.5
Harvesting machinery	17,542	7,098,638	13,776	- 21.5	6,729,353	- 5.2
Tractors and Engines	16,814	15,972,334	16,996	+ 1.1	15,308,383	- 4.2
All other types, itemized	74,802	3,947,114	75,215	+ 0.6	3,736,020	- 5.4
All other types, not itemized.	-	1,344,356	-	-	1,356,333	+ 0.9

Table 3.--Planting and Seeding Machinery Sold in Canada, by Types, 1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices)

Type	1938		1939			
					Value	
	No. of Units	Value	No. of Units	Per Cent Change	Amount	Per Cent Change
		$			$	
Planting and Seeding Machinery, Total	9,733	1,855,368	7,675	- 21.1	1,358,115	- 26.8
I. Corn planters and drills, Total ..... (Includes one-horse, two-row and four-row or tractor type)	301	28,463	293	- 2.7	27,131	- 4.7
II. Grain drills, Total	5,731	1,307,804	3,741	- 34.7	815,698	- 37.6
A. Press drills	365	94,941	357	- 2.2	83,575	- 12.0
B. Regular type	5,366	1,212,863	3,384	- 36.9	732,123	- 39.6
III. Potato planters	185	23,004	172	- 7.0	21,990	- 4.4
IV. Manure spreaders ..... (Horse- or tractor-drawn)	2,703	410,608	3,044	+ 12.6	450,315	+ 9.6
V. Fertilizer sowers	641	70,390	300	- 53.2	32,228	- 54.2
VI. Other planting and seeding machinery ..... (Includes turnip sowers, lime spreaders and sowers, and hand drills)	172	15,019	125	- 27.3	10,753	- 28.4

Note: In a number of instances, figures for 1938 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

Table 4.--Tillage Machinery Sold in Canada, by Types, 1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices)

Type	1938		1939			
					Value	
	No. of Units	Value	No. of Units	Per Cent Change	Amount	Per Cent Change
		$			$	
Tillage Machinery, Total ...	74,338	4,561,801	66,173	- 11.0	4,343,041	- 4.8
I. Cultivators, Total	15,608	794,475	14,387	- 7.8	765,663	- 3.6
A. One horse (Including scufflers)	9,648	112,849	8,650	- 10.3	100,462	- 11.0
B. Corn cultivators, two-row	1,159	91,611	1,177	+ 1.6	90,685	- 1.0
C. Field cultivators ..... (Including duplex)	4,045	556,583	3,854	- 4.7	533,421	- 4.2
D. All other types	756	33,432	706	- 6.6	41,095	+ 22.9
II. Rod weeders, horse- or tractor-drawn	1,545	144,359	1,391	- 10.0	126,880	- 12.1
III. Stalk cutters	351	19,689	181	- 48.4	9,913	- 49.7
IV. Harrows, Total	29,959	881,285	24,871	- 17.0	815,877	- 7.4
A. Spike tooth harrow sections (drag)	17,256	110,666	12,825	- 25.7	89,135	- 19.5
B. Spring tooth ..... Horse- or tractor-drawn)	4,923	146,822	4,780	- 2.9	145,958	- 0.6
C. Disc harrows (all types)	7,780	623,797	7,266	- 6.6	580,784	- 6.9
V. Harrow carts	468	6,964	281	- 40.0	4,034	- 42.1
VI. Soil pulverizers	205	17,721	229	+ 11.7	18,908	+ 6.7
VII. Rollers and packers	752	53,946	494	- 34.3	34,281	- 36.5
VIII. Plows, Grand Total	25,450	2,643,362	24,339	- 4.4	2,567,485	- 2.9
A. Mouldboard plows, Total (1) and (2)	18,744	1,093,179	18,167	- 3.1	1,054,321	- 3.6
(1) Horse-drawn, Total ..	14,248	443,793	13,395	- 6.0	385,621	- 13.1
A. Walking, single furrow	11,435	210,814	10,751	- 6.0	194,009	- 8.0
B. Walking, two-furrow and larger	1,193	62,734	1,413	+ 18.4	72,983	+ 16.3
C. Sulky, single furrow	571	35,021	529	- 7.4	31,308	- 10.6
D. Riding gang, double-furrow and larger	1,049	135,224	702	- 33.1	87,321	- 35.4
(2) Tractor-drawn, Total (Single-furrow and larger)	4,496	649,386	4,772	+ 6.1	668,700	+ 3.0
B. Disc plows, Total (1) and (2)	1,333	223,840	1,283	- 3.8	230,971	+ 3.2
(1) Horse-drawn, Total .	730	78,960	583	- 20.1	55,862	- 29.3
(2) Tractor-drawn, Total	603	144,880	700	+ 16.1	175,109	+ 20.9
C. Harrow plows, one-way disc plows or tiller combines	4,293	1,202,846	4,307	+ 0.3	1,219,301	+ 1.4
D. Breaker plows	907	117,568	453	- 50.1	58,489	- 50.3
E. All other types, Total (Includes two-way)	173	5,929	129	- 25.4	4,403	- 25.7

Note:--In a number of instances, figures for 1938 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

Table 5.--Haying Machinery Sold in Canada, by Types, 1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices)

Type	1938		1939			
					Value	
	No. of Units	Value	No. of Units	Per Cent Change	Amount	Per Cent Change
		$			$	
Haying Machinery, Total	16,196	1,433,771	12,875	- 20.5	1,096,409	- 23.5
I. Mowers ..... (Horse or tractor-drawn)	9,014	914,494	6,939	- 23.0	687,850	- 24.8
II. Hayloaders	1,247	146,534	997	- 20.0	117,688	- 19.7
III. Side rakes and tedders	615	68,890	427	- 30.6	53,374	- 22.5
IV. Dump rakes	5,135	256,732	4,364	- 15.0	214,622	- 16.4
V. Hay presses	61	36,883	27	- 55.7	13,132	- 64.4
VI. Other haying machinery ..... (Includes hay tedders and sweep rakes)	124	10,238	121	- 2.4	9,743	- 4.8

Table 6.--Harvesting Machinery Sold in Canada, by Types, 1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices)

		$			$	
Harvesting Machinery, Total .	17,542	7,098,638	13,776	- 21.5	6,729,353	- 5.2
I. Grain binders, total	13,212	3,621,406	7,839	- 40.7	2,089,153	- 42.3
A. Horse-drawn	11,407	2,946,983	6,790	- 40.5	1,708,884	- 42.0
B. Tractor-drawn P.T.O. ...	1,805	674,423	1,049	- 41.9	380,269	- 43.6
II. Corn binders, total ..... (Horse or tractor-drawn)	615	139,131	564	- 8.3	122,514	- 11.9
III. Combines (reaper threshers).	1,344	1,591,228	2,644	+ 96.7	2,913,565	+ 83.1
IV. Swathers	410	151,911	433	+ 5.6	171,633	+ 13.0
V. Threshers (stationary)	1,257	1,494,787	1,126	- 10.4	1,306,091	- 12.6
VI. Other harvesting machinery . (Includes push harvesters and headers, reapers and pick-ups)	704	100,175	1,170	+ 66.2	126,397	+ 26.2

Table 7.--Tractors and Power Engines Sold in Canada, 1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices)

		$			$	
Tractors & Engines, Total ...	16,814	15,972,334	16,966	+ 1.1	15,308,383	- 4.2
I. Tractors, total	13,230	15,310,916	13,410	+ 1.4	14,661,494	- 4.2
A. Wheel type	12,287	13,181,495	12,298	+ 0.1	12,175,621	- 7.6
B. Crawler type	943	2,129,421	1,112	+ 17.9	2,485,873	+ 16.7
II. Power units	279	282,450	257	- 7.9	234,657	- 16.9
III. Engines (stationary)	3,305	378,968	3,299	- 0.2	412,232	+ 8.8

NOTE:--In a number of instances, figures for 1938 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

Table 8.--Other Farm Equipment Sold in Canada, by Types, 1938 and 1939

(Number of Units and Value of Sales at Wholesale Prices)

Type	1938		1939			
					Value	
	No. of Units	Value	No. of Units	Per Cent Change	Amount	Per Cent Change
		$			$	
Other Farm Equipment, Total	-	5,291,470	-	-	5,092,353	- 3.8
Other Farm Equipment, Itemized, Total	74,802	3,947,114	75,215	+ 0.6	3,736,020	- 5.4
I. Cream separators, Total ..	27,426	1,791,348	25,013	- 8.8	1,410,978	- 21.2
A. 300 lbs. capacity and under	4,631	156,453	4,574	- 1.2	116,723	- 25.4
B. 301 lbs. capacity and over	22,795	1,634,895	20,439	- 10.3	1,294,255	- 20.8
II. Milking machines	484	100,509	678	+ 40.1	135,552	+ 34.9
III. Milk coolers	200	27,525	260	+ 30.0	53,902	+ 95.8
IV. Wagon boxes	1,016	37,068	966	- 4.9	33,744	- 9.0
V. Wagon gears	3,057	212,057	2,665	- 12.8	178,022	- 16.0
VI. Farm trucks	2,199	148,524	2,134	- 3.0	147,239	- 0.9
VII. Sleighs	2,265	133,839	1,534	- 32.3	84,463	- 36.9
VIII. Corn shellers	769	4,577	486	- 36.8	4,080	- 10.9
IX. Ensilage cutters	396	117,748	471	+ 18.9	136,981	+ 16.3
X. Fanning mills	1,536	72,114	903	- 41.2	41,736	- 42.1
XI. Knife grinders (emery) ...	969	6,316	822	- 15.2	5,166	- 18.2
XII. Hammer mills	507	83,182	690	+ 36.1	96,182	+ 15.6
XIII. Grain grinders, feed cutters, feed grinders, roughage mills	3,659	223,889	6,330	+ 73.0	389,708	+ 74.1
XIV. Potato diggers	294	35,423	428	+ 45.6	53,546	+ 51.2
XV. Potato sprayers	2,018	45,500	1,956	- 3.1	54,610	+ 20.0
XVI. Wheelbarrows	5,346	28,122	4,807	- 10.1	25,332	- 9.9
XVII. Windmills	969	71,792	971	+ 0.2	68,922	- 4.0
XVIII. Pumps	19,908	629,163	22,285	+ 11.9	626,513	- 0.4
XIX. Other farm equipment, (Itemized)	1,784	178,418	1,816	+ 1.8	189,344	+ 6.1
XX. All other equipment	-	1,344,356	-	-	1,356,333	+ 0.9

NOTE:--In a number of instances, figures for 1938 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

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Sales of Farm Implements and Equipment in Canada, 1938

Although the marked gain in farm implement sales which took place in Canada between 1936 and 1937 was not continued at the same rate last year, nevertheless sales for 1938 recorded a substantial improvement over 1937. Domestic sales at wholesale prices to dealers totalled $36,336,056 for 1938, up 18 per cent from the $30,775,198 reported for 1937, which, in turn, was almost 60 per cent above the $19,343,871 recorded for 1936. These figures relate to the sale of new equipment and machinery only, are exclusive of parts, binder twine and farm trucks and are based on returns submitted from the manufacturers of farm implements in Canada, from Canadian branches or agents of American firms and from distributors of goods imported from other countries. Sales of farm implements and equipment made by mail-order houses in Canada are also included.

Although figures on a provincial or regional basis are not available, there is evidence to show that the gain in aggregate sales volume was due in no small degree to increased demand for harvesting and power machinery, especially in Saskatchewan. Sales for the harvesting machinery group as a whole reached $7,103,345 in 1938, up 83 per cent from the $3,883,524 recorded for 1937. The gain in combine sales was outstanding, 1,344 of these implements selling for $1,591,228 in 1938 compared with 306 units sold for $358,636 in the preceding year. The gain in swather sales paralleled that for combines with 410 units selling in 1938 compared with 90 units in 1937. Grain binder sales at 13,212 for $3,621,406 in 1938 exceeded by 27 per cent in number and 43 per cent in value the 10,369 units which sold for $2,534,602 in the preceding year. Horse-drawn binder sales increased 19 per cent in number and 30 per cent in dollar volume whereas tractor-drawn binders (a type more peculiar to the Prairie Provinces) increased 136 per cent in number and 161 per cent in dollar value. There were 615 corn binders sold last year, down 23 per cent from 1937 while thresher sales gained by 79 per cent from 704 in 1937 to 1,260 in 1938.

The tractors and engines group made the second best showing in point of view of percentage increase over 1937. Tractor sales of 13,230 for $15,310,916 in 1938 were up by 25 per cent in number and 22 per cent in value over the 10,578 which sold for $12,523,289 in 1937. Wheel type and crawler type showed different trends, the number of the former sold gaining 28 per cent while there was a reduction of 6 per cent in the sales of crawler tractors. Sales of stationary engines numbered 3,311 in 1938, down 10 per cent from the 3,672 units sold in 1937.

Slight increases over 1937 were general in the haying machinery group. There were 9,014 mowers sold last year compared with 8,862 in 1937. Dump-rake sales at 5,135 were only slightly changed from the 5,076 which were sold in the earlier period. Hayloaders and side rakes and tedders recorded more substantial gains; in both instances the number of units sold was 13 per cent higher in 1938 than in the preceding year. Sales for the haying machinery group as a whole were up 3 per cent in number of units and 11 per cent in value.

In the planting and seeding division there were 5,731 grain drills sold for $1,307,804 last year, down 2 per cent in number but up 5 per cent in value from 1937. Separate figures for press drills and regular type drills reveal an increase of 51 per cent for the former and a decrease of 4 per cent for the latter. Sales of corn planters and drills numbered 1,658, down 17 per cent from 1937. Manure spreader sales numbered 2,703, down by 24 per cent from the earlier period.

Decreases from 1937 were general for almost all types of plows. Including all types, there were 23,447 plows sold for $2,595,639 in 1938, down 16 per cent in number and 13 per cent in value from the 27,894 units which sold for $2,990,309 in the preceding year. Included in the total number for 1938 were 16,741 mouldboard plows, 1,333 disc plows, 4,293 harrow plows (one-way disc plows or tiller combines) 907 breaker plows and 173 of miscellaneous types.

Sales of cultivators of various types for 1938 numbered 15,430 and were valued at $791,463, down 5 per cent in number and up 16 per cent in value from the preceding year. One-horse and field cultivators recorded gains in 1938 but these were offset by declines in two-row corn cultivators and miscellaneous types. Sales of rod weeders numbered 848, practically unchanged from the preceding year while decreases of from 8 to 10 per cent were general for the various types of harrows sold.

Cream separator sales registered a minor increase of one per cent for the year under review. There were 27,427 cream separators sold for $1,791,417 in Canada last year compared with 27,172 separators which sold for $1,722,181 in 1937. Small separators having a capacity of less than 300 pounds registered a decrease of 14 per cent in number of units sold but this was more than offset by an increase of 5 per cent in sales for the larger types.

Data were also secured covering domestic sales of a miscellaneous group of farm equipment and supplies. In the main, these cover only those made by manufacturers and distributors of the heavier types of farm machinery and equipment. In some instances these items are sold by manufacturers belonging to other industries and not coming within the scope of this survey. For this reason the figures shown in this bulletin for some items in the miscellaneous group do not cover the total domestic sales of these commodities.

While both unit and value figures are shown, the reader is cautioned against using these data for obtaining changes in average prices for the various items over the two-year period. Any such apparent changes from averages thus derived may be due to shifts in demand from one price range to another rather than to any change in the price of identical items in the two years.

Table 1--Summary of Farm Implement and Equipment Sales in Canada, 1937 and 1938.

(Number of Units and Value of Sales at Wholesale Prices, by Main Types)

Type	1937		1938			
					Value	
	No. of Units	Value	No. of Units	Per Cent Change	Amount	Per Cent Change
		$			$	
All Types, Total	-	30,775,198	-	-	36,336,056	+ 18.1
All Types Itemized, Total.	219,263	29,333,881	205,697	- 6.2	34,988,063	+ 19.3
Planting and seeding machinery	12,215	2,209,165	11,090	- 9.2	2,138,267	- 3.2
Tillage machinery	79,845	4,744,093	71,259	- 10.8	4,449,286	- 6.2
Haying machinery	15,793	1,293,610	16,196	+ 2.6	1,433,771	+ 10.8
Harvesting machinery	12,483	3,883,524	17,545	+ 40.6	7,103,345	+ 82.9
Tractors and engines	14,498	13,329,394	16,820	+ 16.0	15,973,058	+ 19.8
All other types, itemized	84,429	3,874,095	72,787	- 13.8	3,890,336	+ 0.4
All other types, not itemized.	-	1,441,317	-	-	1,347,993	- 6.5

Table 2--Planting and Seeding Machinery Sold in Canada, by Types, 1937 and 1938

(Number of Units and Value of Sales at Wholesale Prices)

Type	1937		1938			
					Value	
	No. of Units	Value	No. of Units	Per Cent Change	Amount	Per Cent Change
		$			$	
Planting and Seeding Machinery, Total	12,215	2,209,165	11,090	- 9.2	2,138,267	- 3.2
I. Corn planters and drills, Total ..... (Includes one-horse, two-row and four-row or tractor type)	1,990	353,791	1,658	- 16.7	311,417	- 12.0
II. Grain drills, Total	5,831	1,245,111	5,731	- 1.7	1,307,804	+ 5.0
A. Press drills	242	61,626	365	+ 50.8	94,941	+ 54.1
B. Regular type	5,589	1,183,485	5,366	- 4.0	1,212,863	+ 2.5
III. Potato planters	301	33,927	185	- 38.5	23,004	- 32.2
IV. Manure spreaders ..... (Horse- or tractor-drawn)	3,562	523,857	2,703	- 24.1	410,633	- 21.6
V. Fertilizer sowers	351	37,267	641	+ 82.6	70,390	+ 88.9
VI. Other planting and seeding machinery ..... (Includes turnip sowers, lime spreaders and sowers, and hand drills.)	180	15,212	172	- 4.4	15,019	- 1.3

Note:--In a number of instances, figures for 1937 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

Table 3--Tillage Machinery Sold in Canada, by Types, 1937 and 1938

(Number of Units and Value of Sales at Wholesale Prices)

Type	1937		1938			
					Value	
	No. of Units	Value	No. of Units	Per Cent Change	Amount	Per Cent Change
		$			$	
Tillage Machinery, Total ...	79,845	4,744,093	71,259	- 10.8	4,449,286	- 6.2
I. Cultivators, Total	16,217	684,758	15,430	- 4.9	791,463	+ 15.6
A. One horse (Including scufflers)	9,086	102,886	9,485	+ 4.4	110,942	+ 7.8
B. Corn cultivators, two-row	1,373	94,298	1,159	- 15.6	91,611	- 2.8
C. Field cultivators .... (Including duplex)	3,886	458,283	4,030	+ 3.7	555,478	+ 21.2
D. All other types	1,872	29,291	756	- 59.6	33,432	+ 14.1
II. Rod weeders, horse- or tractor-drawn	844	80,322	848	+ 0.5	90,212	+ 12.3
III. Stalk cutters	266	15,230	351	+ 32.0	19,689	+ 29.3
IV. Harrows, Total	32,739	882,081	29,844	- 8.8	880,259	- 0.2
A. Spike tooth harrow sections (drag)	18,597	119,781	17,072	- 8.2	109,640	- 8.5
B. Spring tooth ..... (Horse- or tractor drawn.) .	5,514	165,319	4,992	- 9.5	146,822	- 11.2
C. Disc harrows (all types)	8,628	596,981	7,780	- 9.8	623,797	+ 4.5
V. Harrow carts	660	9,162	468	- 29.1	6,964	- 24.0
VI. Soil pulverizers	285	24,209	205	- 28.1	17,721	- 26.8
VII. Rollers and packers	940	58,022	666	- 29.1	47,339	- 18.4
VIII. Plows, Grand Total	27,894	2,990,309	23,447	- 15.9	2,595,639	- 13.2
A. Mouldboard plows, Total (1) and (2)	19,693	1,050,376	16,741	- 15.0	1,045,456	- 0.5
(1) Horse-drawn, Total .	15,712	504,927	12,369	- 21.3	410,170	- 18.8
A. Walking, single furrow	11,873	207,105	9,606	- 19.1	179,721	- 13.2
B. Walking, two-furrow and larger	1,534	74,338	1,173	- 23.5	61,734	- 17.0
C. Sulky, single furrow	676	39,533	541	- 20.0	33,491	- 15.3
D. Riding gang, double-furrow and larger	1,629	183,951	1,049	- 35.6	135,224	- 26.5
(2) Tractor-drawn, Total (Single-furrow and larger)	3,981	545,449	4,372	+ 9.8	635,286	+ 16.5
B. Disc plows, Total (1) and (2)	1,888	321,423	1,333	- 29.4	223,840	- 30.4
(1) Horse-drawn, Total .	856	89,965	730	- 14.7	78,960	- 12.2
(2) Tractor-drawn, Total	1,032	231,458	603	- 41.6	144,880	- 37.4
C. Harrow plows, one-way disc plows or tiller combines	5,732	1,560,971	4,293	- 25.1	1,202,846	- 22.9
D. Breaker plows	458	53,444	907	+ 98.1	117,568	+120.0
E. All other types, Total (Includes two-way)	123	4,095	173	+ 40.7	5,929	+ 44.8

Note:--In a number of instances, figures for 1937 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

Table 4.--Haying Machinery Sold in Canada, by Types, 1937 and 1938

(Number of Units and Value of Sales at Wholesale Prices)

Type	1937		1938			
					Value	
	No. of Units	Value	No. of Units	Per Cent Change	Amount	Per Cent Change
		$			$	
Haying Machinery, Total ..	15,793	1,293,610	16,196	+ 2.6	1,433,771	+ 10.8
I. Mowers ..... (Horse- or tractor-drawn)	8,862	845,895	9,014	+ 1.7	914,494	+ 8.1
II. Hayloaders	1,108	123,294	1,247	+ 12.5	146,534	+ 18.8
III. Side rakes and tedders ..	544	54,034	615	+ 13.1	68,890	+ 27.5
IV. Dump rakes	5,076	233,628	5,135	+ 1.2	256,732	+ 9.9
V. Hay presses	43	23,747	61	+ 41.9	36,883	+ 55.3
VI. Other haying machinery .. (Includes hay tedders and sweep rakes.)	160	13,012	124	- 22.5	10,238	- 21.3

Table 5.--Harvesting Machinery Sold in Canada, by Types, 1937 and 1938

(Number of Units and Value of Sales at Wholesale Prices)

		$			$	
Harvesting Machinery, Total	12,483	3,883,524	17,545	+ 40.6	7,103,345	+ 82.9
I. Grain binders, total	10,369	2,534,602	13,212	+ 27.4	3,621,406	+ 42.9
A. Horse-drawn	9,605	2,276,000	11,407	+ 18.8	2,946,983	+ 29.5
B. Tractor-drawn P.T.O.	764	258,602	1,805	+136.3	674,423	+160.8
II. Corn binders, total ..... (Horse- or tractor drawn)	802	166,629	615	- 23.3	139,131	- 16.5
1172 III. Combines (reaper threshers)	306	358,636	1,344	+339.2	1,591,228	+343.7
335 IV. Swathers	90	30,186	410	+355.6	151,911	+403.2
V. Threshers (stationary) ..	704	766,239	1,260	+ 79.0	1,499,494	+ 95.7
VI. Other harvesting machinery (Includes push harvesters and headers, reapers and pick-ups.)	212	27,232	704	+232.1	100,175	+267.9

Table 6.--Tractors and Power Engines Sold in Canada, 1937 and 1938

(Number of Units and Value of Sales at Wholesale Prices)

		$			$	
Tractors & Engines, Total .	14,498	13,329,394	16,820	+ 16.0	15,973,058	+ 19.8
I. Tractors, total	10,578	12,523,289	13,230	+ 25.1	15,310,916	+ 22.3
1041 A. Wheel type	9,573	9,966,100	12,287	+ 28.4	13,181,495	+ 32.3 1073
2545 B. Crawler type	1,005	2,557,189	943	- 6.2	2,129,421	- 16.7 2258
II. Power units	248	263,440	279	+ 12.5	282,450	+ 7.2
III. Engines (stationary)	3,672	542,665	3,311	- 9.8	379,692	- 30.0

NOTE:--In a number of instances, figures for 1937 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.

Table 7.--Other Farm Equipment Sold in Canada, by Types, 1937 and 1938.

(Number of Units and Value of Sales at Wholesale Prices)

Type	1937		1938			
					Value	
	No. of Units	Value	No. of Units	Per Cent Change	Amount	Per Cent Change
		$			$	
Other Farm Equipment, Total	-	5,315,412	-	-	5,238,329	- 1.5
Other Farm Equipment, Itemized, Total	84,429	3,874,095	72,787	- 13.8	3,890,336	+ 0.4
I. Cream separators, Total .	27,172	1,722,181	27,427	+ 0.9	1,791,417	+ 4.0
A. 300 lbs. capacity and under	5,383	173,215	4,631	- 14.0	156,453	- 9.7
B. 301 lbs. capacity and over	21,789	1,548,966	22,796	+ 4.6	1,634,964	+ 5.6
II. Milking machines	274	62,139	484	+ 76.6	100,509	+ 61.7
III. Milk coolers	192	20,304	200	+ 4.2	27,525	+ 35.6
IV. Wagon boxes	1,328	48,130	1,016	- 23.5	37,068	- 23.0
V. Wagon gears	4,697	316,423	3,057	- 34.9	212,057	- 33.0
VI. Farm trucks	2,231	153,862	2,199	- 1.4	148,524	- 3.5
VII. Sleighs	2,664	137,330	2,265	- 15.0	133,839	- 2.5
VIII. Corn shellers	812	6,987	769	- 5.3	4,577	- 34.5
IX. Ensilage cutters	329	99,891	365	+ 10.9	112,478	+ 12.6
X. Fanning mills	1,770	82,743	1,541	- 12.9	72,335	- 12.6
XI. Knife grinders (emery) ..	933	5,666	969	+ 3.9	6,316	+ 11.5
XII. Hammer mills	518	78,460	492	- 5.0	78,005	- 0.6
XIII. Grain grinders, feed cutters, feed grinders, roughage mills	2,855	197,145	2,781	- 2.6	187,141	- 5.1
XIV. Potato diggers	743	96,825	294	- 60.4	35,423	- 63.4
XV. Potato sprayers	2,616	61,909	2,018	- 22.9	45,500	- 26.5
XVI. Wheelbarrows	4,218	24,466	4,604	+ 9.2	23,670	- 3.3
XVII. Windmills	1,245	104,632	974	- 21.8	72,180	- 31.0
XVIII. Pumps	27,873	513,740	19,989	- 28.3	625,837	+ 21.8
XIX. Other farm equipment, (Itemized)	1,959	141,262	1,343	- 31.4	175,935	+ 24.5
XX. All other equipment	-	1,441,317	-	-	1,347,993	- 6.5

NOTE:-- In a number of instances, figures for 1937 have been changed from those shown in the previous bulletin to allow for revisions in data supplied by individual firms.