CANADA

DOMINION BUREAU OF STATISTICS

CENSUS OF MERCHANDISING AND SERVICE ESTABLISHMENTS

SALES OF

FARM IMPLEMENTS AND EQUIPMENT

IN

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1936 and 1937

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CENSUS OF MERCHANDISING AND SERVICE ESTABLISHMENTS

Sales of Farm Implements and Equipment in Canada, 1936 and 1937

Increased agricultural revenue in 1936, rapid improvement in general economic conditions in the spring of 1937 and a heavy backlog from earlier years all contributed to a marked gain in farm implement and equipment sales in Canada last year. Domestic sales, at wholesale prices to dealers, totalled $30,465,153 for 1937, up 58 per cent from the $19,343,871 reported for the preceding year. These figures relate to the sale of new machines and equipment only, are exclusive of binder twine and are based on returns secured from the manufacturers of farm implements in Canada, from Canadian branches or representatives 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.

Power machinery recorded the greatest percentage increase in the two-year interval. Tractors and engines to the number of 14,399 sold for $13,188,765 in 1937, up 84 per cent in number and 99 per cent in value from the 7,829 units which sold for $6,633,127 in 1936. Tractor sales alone gained 109 per cent in number and 99 per cent in value, 10,394 units selling for $12,373,735 in 1937 compared with 4,982 units for $6,214,322 in the earlier year. Gains in value of sales for other major groupings in the farm implement trade were as follows: planting and seeding machinery, 68 per cent; harvesting machinery, 50 per cent; tillage machinery, 35 per cent; haying machinery, 25 per cent; and other types of farm implements and equipment, 21 per cent.

Drought conditions in the combine territory of Western Canada resulted in a decline of 28 per cent in the number of combines sold. There were 275 of these implements sold for $310,266 last year compared with 382 units for $394,757 in 1936. Swathers sold declined 51 per cent in number and 54 per cent in value, while a miscellaneous classification of harvesting machinery, including push harvesters and headers, reapers and pick-ups, declined 21 per cent in number and 38 per cent in value.

With the exception of those types of implements peculiar to the West and particularly to Saskatchewan, substantial or marked gains over 1936 were recorded for almost all the separate classifications for which figures are available. Grain binder sales at 10,369 for $2,534,602 in 1937 exceeded by 77 per cent in number and 80 per cent in value the 5,874 units sold for $1,406,085 in the preceding year. Corn binder sales increased 181 per cent in number and 191 per cent in value, 802 of these implements being sold for $166,629 last year. There were 8,862 mowers sold for $845,895 in 1937, up 17 per cent in number and 18 per cent in value from the 7,574 units which sold for $715,215 in 1936.

In the planting and seeding division, there were 5,831 grain drills sold for $1,245,111 last year, increases of 75 per cent in number and 78 per cent in value compared with 1936 being recorded. Sales of corn planters were up 61 per cent and manure spreaders numbering 3,562 sold for $523,857, up 44 per cent in number and 46 per cent in value from the preceding year.

The tillage machinery group was comprised of 78,988 units which sold in 1937 for $4,703,774 compared with 57,990 units for $3,475,831 in 1936. Included in this group are cultivators of various types, sales of which numbered 16,213 in 1937 and were valued at $684,337, up 40 per cent and 48 per cent in point of view of number and value respectively from the preceding year. Harrow sales averaged about 40 per cent higher in 1937 than in 1936, spike tooth, spring tooth and disc all registering about the same relative improvement. There were 27,212 plows of all makes sold last year for $2,962,564, up 30 per cent in both number and value from the preceding year. Moulboard plow sales increased 35 per cent in number and 63 per cent in value from 14,034 units at $624,345 in 1936 to 18,995 units for $1,019,988 in 1937. Within this group were 15,126 horse-drawn plows in 1937, up 19 per cent from the preceding year and 3,836 tractor plows for which the gain was 180 per cent. Sales of disc plows declined 8 per cent from 1,983 in 1936 to 1,817 in 1937, both

horse-drawn and tractor-drawn sharing in the decrease. Sales of harrow plows, one-way disc plows or tiller combines increased 21 per cent in number from 4,815 in 1936 to 5,821 in 1937, while the corresponding dollar value at wholesale prices increased by 21 per cent from $1,342,501 over the same period.

Cream separators, numbering 27,771, were sold for $1,722,180 in 1937, up by 7 per cent in number and 12 per cent in value from the 25,886 units which sold for $1,542,903 in the preceding year. Small separators having less than 300 pounds capacity gained 52 per cent in number while sales of larger machines remained stable, gaining less than one per cent.

Data were also secured covering domestic sales of a miscellaneous group of other farm equipment and supplies. In the main, these sales cover only those made by manufacturers and distributors of the heavier types of farm machinery and equipment. Sales by mail-order houses at retail prices are also included. In some instances these items are made and sold by manufacturers not coming within the scope of this survey so that the figures shown in this bulletin for some items in the miscellaneous group do not cover the total sales of these commodities.

Table I--Summary of Farm Implement and Equipment Sales in Canada, 1936 and 1937.

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

Type	1936		1937			
					Value	
	No. of Units	Value	No. of Units	Per Cent Increase	Amount	Per Cent Increase
		$			$	
All Types, Total	-	19,343,871	-	-	30,465,153	57.5
All Types Itemized, Total..	167,186	18,178,046	219,602	31.4	29,062,989	59.9
Planting and seeding machinery	8,012	1,315,596	13,141	64.0	2,211,797	68.1
Tillage machinery	57,990	3,475,831	78,988	36.2	4,703,774	35.3
Haying machinery	12,726	1,038,846	15,793	24.1	1,293,610	24.5
Harvesting machinery	7,542	2,542,877	12,410	64.5	3,803,659	49.6
Tractors and engines	7,829	6,633,127	14,399	83.9	13,188,765	98.8
All other types, itemized	73,087	3,171,769	84,871	16.1	3,861,384	21.7
All other types, not itimized.	-	1,165,825	-	-	1,402,164	20.3

Table 2--Planting and Seeding Machinery Sold in Canada, by Types, 1936 and 1937

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

Type	1936		1937			
					Value	
	No. of Units	Value	No. of Units	Per Cent Increase	Amount	Per Cent Increase
		$			$	
Planting and Seeding Machinery, Total	8,012	1,315,596	13,141	64.0	2,211,797	68.1
I. Corn planters and drills, Total ..... (Includes one-horse, two-row and four-row or tractor type)	1,237	213,717	1,990	60.9	353,791	65.5
II. Grain drills, Total	3,336	700,167	5,831	74.8	1,245,111	77.8
A. Press drills	182	42,128	322	76.9	72,986	73.2
B. Regular type	3,154	658,039	5,509	74.7	1,172,125	78.1
III. Potato planters	120	12,757	296	146.7	33,394	161.8
IV. Manure spreaders ..... (Horse- or tractor-drawn)	2,482	359,730	3,562	43.5	523,857	45.6
V. Fertilizer sowers	128	13,297	361	182.0	37,637	183.0
VI. Other planting and seeding machinery ..... (Includes turnip sowers, lime spreaders and sowers, and hand drills.)	709	15,928	1,101	55.3	18,007	13.1

Table 3--Tillage Machinery Sold in Canada, by Types, 1936 and 1937

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

Type	1936		1937			
					Value	
	No. of Units	Value	No. of Units	Per Cent Increase	Amount	Per Cent Increase
		$			$	
Tillage Machinery, Total..	57,990	3,475,831	78,988	36.2	4,703,774	35.3
I. Cultivators, Total	11,582	463,542	16,213	40.0	684,337	47.6
A. One horse	6,545	70,448	9,086	38.8	102,886	46.0
B. Corn cultivators, two-row	769	53,444	1,373	78.5	94,298	76.4
C. Field cultivators .. (Including duplex)	2,636	308,305	3,882	47.3	457,862	48.5
D. All other types	1,632	31,345	1,872	14.7	29,291	- 6.6
II. Rod weeders, horse- or tractor-drawn	515	49,140	682	32.4	68,722	39.8
III. Stalk cutters	65	3,719	266	309.2	15,230	309.5
IV. Harrows, Total	23,476	627,488	32,739	39.5	882,081	40.6
A. Spike tooth harrow sections (drag) ...	13,398	85,360	18,597	38.8	119,781	40.3
B. Spring tooth ..... (Horse- and tractor-drawn.)	3,912	118,104	5,514	41.0	165,319	40.0
C. Disc harrows (all Types)	6,166	424,024	8,628	39.9	596,981	40.8
V. Harrow carts	464	5,706	660	42.2	9,162	60.6
VI. Soil pulverizers	165	13,835	285	72.7	24,209	75.0
VII. Rollers and packers	735	36,755	931	26.7	57,469	56.4
VIII. Plows, Grand Total	20,988	2,275,646	27,212	29.7	2,962,564	30.2
A. Moulboard plow, Total, (1) and (2)	14,034	624,345	18,995	35.3	1,019,988	63.3
(1) Horse-drawn, Total	12,665	437,115	15,126	19.4	496,692	13.6
A. Walking, single-furrow	9,164	157,395	11,273	23.0	197,505	25.5
B. Walking, two-furrow and larger	1,194	57,789	1,534	28.5	74,338	28.6
C. Sulky, single-furrow	633	36,781	676	6.8	39,533	7.5
D. Riding gang, double-furrow and larger ..	1,656	183,833	1,629	- 1.6	183,951	0.1
(2) Tractor-drawn, Total (Single-furrow and larger)	1,368	186,495	3,836	180.4	518,734	178.1
B. Disc plows, Total .. (1) and (2)	1,983	293,711	1,817	- 8.4	311,466	6.0
(1) Horse-drawn, Total	927	99,815	866	- 6.6	91,005	- 8.8
(2) Tractor-drawn, Total	1,056	193,896	951	- 9.9	220,461	13.7
C. Harrow plows, one-way disc plows or tiller combines ...	4,815	1,342,501	5,821	20.9	1,573,823	17.2
D. Breaker plows	95	10,684	458	382.1	53,444	400.2
E. All other types, Total ..... (Includes two-way)	80	6,457	168	110.0	9,770	51.3

Table 4--Haying Machinery Sold in Canada, by Types, 1936 and 1937

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

Type	1936		1937			
					Value	
	No. of Units	Value	No. of Units	Per Cent Increase	Amount	Per Cent Increase
		$			$	
Haying Machinery, Total	12,726	1,038.846	15,793	24.1	1,293,610	24.5
I. Mowers ..... (Horse- or tractor-drawn)	7,574	715,215	8,862	17.0	845,895	18.3
II. Hayloaders	691	76,076	1,108	60.3	123,294	62.1
III. Side rakes and tedders	509	43,460	692	36.0	60,250	38.6
IV. Dump rakes	3,795	175,206	4,928	29.9	227,412	29.8
V. Hay presses	35	20,338	43	22.9	23,747	16.8
VI. Other haying machinery ..... (Includes hay tedders and sweep rakes.)	122	8,551	160	31.1	13,012	52.2

Table 5--Harvesting Machinery Sold in Canada, by Types, 1936 and 1937.

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

		$			$	
Harvesting Machinery, Total	7,542	2,542,877	12,410	64.5	3,803,659	49.6
I. Grain binders, total	5,874	1,406,085	10,369	76.5	2,534,602	80.3
A. Horse-drawn	5,677	1,341,627	9,605	69.2	2,276,000	69.6
B. Tractor-drawn P.T.O...	197	64,458	764	287.8	258,602	301.2
II. Corn binders, total ..... (Horse- and tractor-drawn)	285	57,336	802	181.4	166,629	190.6
III. Combines (reaper threshers)	382	394,757	275	-28.0	310,266	-21.4
IV. Swathers	184	65,854	90	-51.1	30,186	-54.2
V. Threshers (stationery)	548	574,742	662	20.8	734,744	27.8
VI. Other harvesting machinery. (Includes push harvesters and headers, reapers and pick-ups.)	269	44,103	212	-21.2	27,232	-38.3

Table 6--Tractors and Power Engines Sold in Canada, 1936 and 1937.

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

		$			$	
Tractors and Engines, Total	7,829	6,633,127	14,399	83.9	13,188,765	98.8
I. Tractors, total	4,982	6,214,322	10,394	108.6	12,373,735	99.1
A. Wheel type	4,394	4,735,734	9,389	113.7	9,816,546	107.3
B. Crawler type	588	1,478,588	1,005	70.9	2,557,189	72.9
II. Power units	135	108,746	248	83.7	263,440	142.3
III. Engines (stationery)	2,712	310,059	3,757	38.5	551,590	77.9

Table 7--Other Farm Equipment Sold in Canada, 1936 and 1937

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

Type	1936		1937			
					Value	
	No. of Units	Value	No. of Units	Per Cent Increase	Amount	Per Cent Increase
		$			$	
Other Farm Equipment, Total	-	4,337,594	-	-	5,263,548	21.3
Other Farm Equipment, Itemized, Total	73,087	3,171,769	84,871	16.1	3,861,384	21.7
I. Cream separators, total	25,886	1,542,903	27,771	7.3	1,722,180	11.6
A. 300 lbs. capacity and under	3,446	88,114	5,246	52.2	172,304	95.6
B. 301 lbs. capacity and over	22,440	1,454,789	22,525	0.4	1,549,876	6.5
II. Milking machines	136	30,485	274	101.5	62,139	103.8
III. Milk coolers	149	13,735	192	28.9	20,304	47.8
IV. Wagon boxes	1,386	46,423	1,328	- 4.2	48,130	3.7
V. Wagon gears	4,239	254,433	4,697	10.8	316,423	24.4
VI. Farm trucks	1,046	100,985	2,231	35.5	153,862	52.4
VII. Sleighs	2,262	115,976	2,664	17.8	137,330	18.4
VIII. Corn shellers	524	5,081	812	55.0	6,987	37.5
IX. Ensilage cutters	207	62,891	322	58.9	99,891	58.8
X. Fanning mills	1,555	72,035	1,770	13.8	82,743	14.9
XI. Knife grinders (emery) .	523	3,340	933	78.4	5,666	69.6
XII. Hammer mills	563	87,765	518	- 8.0	78,460	-10.6
XIII. Grain grinders, feed cutters, feed grinders, roughage mills	3,560	236,203	2,855	-19.8	197,144	-16.5
XIV. Potato diggers	474	63,797	727	53.4	95,227	49.3
XV. Potato sprayers	1,458	15,576	2,487	70.6	52,316	235.9
XVI. Wheelbarrows	3,551	22,100	4,218	18.8	24,466	10.7
XVII. Windmills	885	67,518	1,245	40.7	104,632	55.0
XVIII. Pumps	22,898	345,538	27,873	21.7	513,740	48.7
XIX. Other farm equipment, (itemized)	1,185	84,985	1,947	64.3	139,744	64.4
XX. All other equipment	-	1,165,825	-	-	1,402,164	20.3