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THE FARM IMPLEMENTS AND
MACHINERY INDUSTRY
IN
CANADA
1945

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Annual Industry Report

Iron and Steel and Their Products Group

THE FARM IMPLEMENTS AND MACHINERY INDUSTRY, 1945

Production by establishments in the farm implements and machinery industry was 5.7 per cent lower in value in 1945 than in 1944, but 1.2 per cent higher than in 1943. Actual values (at factory prices) for these years were as follows: \$57,621,390 in 1945, \$61,098,793 in 1944, and \$56,952,569 in 1943. The output of farm equipment in this industry amounted to \$37,751,375 in 1945, \$25,342,538 in 1944 and \$18,429,964 in 1943. In other industries there was a small production of farm machinery, amounting to \$949,000 in 1945, \$954,000 in 1944 and \$500,000 in 1943.

Forty-one factories were included in the farm implements industry in 1945, there being 24 works in Ontario, 6 in Quebec, 6 in Manitoba, 3 in Alberta, 1 in Prince Edward Island, and 1 in Saskatchewan. The works in Ontario accounted for 96 per cent of the total output.

The industry employed an average of 13,554 workers during the year, the 2,306 salaried employees being paid \$4,851,144 and the 11,248 wage-earners \$19,558,382. The total of \$24,409,526 for salaries and wages was 4 per cent less than the amount distributed to the 14,053 employees in 1944.

Table 1 - Principal Statistics of the Farm Implements and Machinery Industry, 1935-1945

| 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(x) |
|----------------------|------------------|-----------------------------|--------------------|---------------------------------------|----------------------------|---|
| | | | \$ | \$ | \$ | \$ |
| 1935 | 34 | 4,989 | 5,325,620 | 478,043 | 6,448,183 | 13,692,476 |
| 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 |
| Per cent change | | | | | | |
| 1945 from 1944 | .. | -3.6 | -4.2 | -0.73 | +5.0 | -5.7 |

(x) Munitions and other special war goods made in the farm implement factories are included in the total output figures.

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, 1944 and 1945

| 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>1944</u> | | | | | | |
| Quebec | 4 | 228 | 260,575 | 13,760 | 251,659 | 659,727 |
| Ontario | 25 | 13,590 | 24,871,339 | 1,042,661 | 24,394,796 | 59,280,751 |
| Prince Edward Island ... | 1) | | | | | |
| Alberta | 2) | 36 | 51,106 | 4,710 | 62,825 | 150,989 |
| Manitoba | 6) | | | | | |
| Saskatchewan | 1) | 199 | 286,063 | 25,569 | 456,469 | 1,007,326 |
| Canada | 39 | 14,053 | 25,469,083 | 1,086,700 | 25,165,749 | 61,098,793 |

Table 2 - Principal Statistics, By Provinces, 1944 and 1945 (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>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) | | | | | |
| Alberta | 3) | 49 | 76,694 | 5,675 | 140,708 | 280,774 |
| Manitoba | 6) | | | | | |
| Saskatchewan | 1) | 232 | 347,461 | 20,660 | 658,832 | 1,358,829 |
| Canada | 41 | 13,554 | 24,409,526 | 1,078,734 | 26,414,939 | 57,621,390 |

Table 3 - Employees, Salaries and Wages, By Provinces, 1944 and 1945

| Province | Average Number of Employees | | | | Total | Salaries \$ | Wages \$ | Total Salaries and Wages \$ |
|-----------------|-----------------------------|--------|----------|--------|--------|----------------|-------------|--------------------------------|
| | On Salaries | | On Wages | | | | | |
| | Male | Female | Male | Female | | | | |
| <u>1944</u> | | | | | | | | |
| Quebec | 22 | 5 | 201 | ... | 228 | 45,393 | 215,182 | 260,575 |
| Ontario | 1,237 | 712 | 9,817 | 1,824 | 13,590 | 4,113,794 | 20,752,545 | 24,871,339 |
| Manitoba | 13 | 7 | 178 | 1 | 199 | 48,553 | 237,510 | 286,063 |
| Other provinces | 8 | 2 | 26 | ... | 36 | 24,661 | 26,445 | 51,106 |
| Canada | 1,280 | 726 | 10,222 | 1,825 | 14,053 | 4,237,401 | 21,231,682 | 25,469,083 |
| <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 |

Table 4 - Wage-Earners, By Months, 1944 and 1945 (On the last work day of each month)

| Month | 1944 | | | 1945 | | |
|-----------------|--------|--------|--------|--------|--------|--------|
| | Male | Female | Total | Male | Female | Total |
| January | 10,365 | 1,876 | 12,241 | 10,670 | 1,558 | 12,228 |
| February | 10,459 | 1,733 | 12,192 | 10,727 | 1,528 | 12,255 |
| March | 10,356 | 1,627 | 11,983 | 10,620 | 1,485 | 12,105 |
| April | 10,120 | 1,668 | 11,788 | 10,150 | 1,432 | 11,582 |
| May | 10,002 | 1,685 | 11,687 | 9,934 | 1,404 | 11,338 |
| June | 10,025 | 1,777 | 11,802 | 9,768 | 1,134 | 10,902 |
| July | 10,261 | 1,899 | 12,160 | 9,775 | 1,077 | 10,852 |
| August | 9,882 | 1,914 | 11,796 | 9,685 | 865 | 10,550 |
| September | 9,949 | 1,990 | 11,939 | 9,435 | 538 | 9,973 |
| October | 10,040 | 1,975 | 12,015 | 10,208 | 462 | 10,670 |
| November | 10,458 | 1,921 | 12,379 | 10,803 | 442 | 11,245 |
| December | 10,761 | 1,807 | 12,568 | 10,855 | 404 | 11,259 |
| Average | 10,222 | 1,825 | 12,047 | 10,219 | 1,029 | 11,248 |

Farm Implements

Table 5 - Hours Worked Per Week By Wage-Earners, 1944 and 1945 (In one week of highest employment; overtime included)

| Hours Worked per Week | Number of Wage-earners | | | |
|--|------------------------|--------|---------|--------|
| | 1 9 4 4 | | 1 9 4 5 | |
| | Male | Female | Male | Female |
| 30 hours or less | 226 | 35 | 291 | 50 |
| 31-43 hours | 665 | 147 | 749 | 155 |
| 44 hours | 302 | 91 | 295 | 124 |
| 45-47 hours | 2,171 | 262 | 2,404 | 217 |
| 48 hours | 4,430 | 1,010 | 4,647 | 525 |
| 49-50 hours | 629 | 121 | 805 | 62 |
| 51-54 hours | 1,277 | 153 | 1,310 | 107 |
| 55 hours | 711 | 135 | 413 | 78 |
| 56-64 hours | 398 | 85 | 654 | 45 |
| 65 hours and over | 117 | 1 | 104 | . |
| Total | 11,426 | 2,040 | 11,672 | 1,364 |
| Total wages paid in selected week . \$ | 445,578 | 55,253 | 437,540 | 37,207 |

Table 6 - Fuel and Electricity Used, 1944 and 1945

| Kind | Unit of measure | 1 9 4 4 | | 1 9 4 5 | |
|----------------------------|-----------------|------------|---------------|------------|---------------|
| | | Quantity | Cost at works | Quantity | Cost at works |
| | | | \$ | | \$ |
| Bituminous coal - Canadian | ton | 359 | 3,429 | 467 | 4,687 |
| Imported | ton | 47,722 | 379,325 | 49,464 | 395,473 |
| Anthracite coal | ton | 225 | 2,488 | 503 | 4,623 |
| Lignite coal | ton | ... | ... | 121 | 714 |
| Coke | ton | 569 | 4,210 | 525 | 2,893 |
| Gasoline | Imp.gal. | 136,797 | 43,727 | 127,150 | 41,325 |
| Kerosene | Imp.gal. | 4,435 | 823 | 3,233 | 622 |
| Fuel oil | Imp.gal. | 2,022,195 | 171,563 | 1,822,530 | 215,492 |
| Wood | cord | 380 | 2,767 | 283 | 1,917 |
| Gas - Manufactured | M cu.ft. | 245,567 | 86,868 | 231,409 | 73,252 |
| Natural | M cu.ft. | 23,794 | 15,492 | 4,362 | 2,528 |
| Electricity | K.W.H. | 48,296,402 | 375,678 | 43,032,948 | 335,130 |
| Other fuel | ... | ... | 380 | ... | ... |
| Total | ... | ... | 1,086,700 | ... | 1,078,734 |

Table 7 - Power Equipment, 1944 and 1945

| | Ordinerily in Use | | In Reserve or Idle | |
|---|-------------------|--------------------------|--------------------|--------------------------|
| | Number of units | Total horse power rating | Number of units | Total horse power rating |
| | 1 9 4 4 | | 1 9 4 5 | |
| Steam engines and steam turbines | 12 | 2,430 | 3 | 525 |
| Gasoline, gas and oil engines (except Diesel) | 7 | 115 | ... | ... |
| Hydraulic turbines or water wheels | 2 | 95 | ... | ... |
| Electric motors run by purchased power | 4,029 | 26,834 | 249 | 2,575 |
| Total | 4,050 | 29,474 | 252 | 3,100 |
| Stationary power boilers | 28 | 4,414 | 2 | 150 |
| Motor-generator sets | 7 | 339 | 1 | 1,340 |
| 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 |

Table 8 - Materials Used in Manufacturing, 1944 and 1945

| Material | Unit of measure | 1 9 4 4 | | 1 9 4 5 | |
|--|-----------------|-----------|---------------------|-----------|---------------------|
| | | Quantity | Total cost at works | Quantity | Total cost at works |
| Iron - | | | \$ | | \$ |
| Pig iron, all grades | ton | 17,511 | 449,314 | 26,521 | 640,347 |
| Iron castings of all kinds purchased | ton | 8,057 | 1,373,306 | 16,331 | 2,820,054 |
| Steel, hot or cold rolled (except special alloy steel) - | | | | | |
| Steel castings | ton | 359 | 133,557 | 521 | 143,614 |
| Bars | ton | 34,872 | 4,080,217 | 59,160 | 3,243,004 |
| Forgings | ton | 3,773 | 481,480 | ... | 31,241 |
| Plates | ton | 1,855 | 149,546 | 3,145 | 298,077 |
| Shafting | ton | 603 | 49,882 | 3,476 | 415,653 |
| Sheets, plain | ton | 10,250 | 1,304,572 | 7,967 | 940,753 |
| Sheets, galvanized | ton | 1,851 | 158,917 | 2,106 | 215,667 |
| Tin plate | base box | 268 | 5,300 | 308 | 6,100 |
| Strip | ton | 1,780 | 122,531 | 1,881 | 117,599 |
| Stampings | ton | 215 | 44,438 | 284 | 49,633 |
| Structural shapes (angles, channels, etc.) ... | ton | 875 | 52,232 | 2,573 | 265,742 |
| Wire | ton | 476 | 29,536 | 343 | 29,831 |
| Scrap iron and steel of all kinds | ton | 19,901 | 344,603 | 22,023 | 429,859 |
| Pipe, tubing and fittings of iron and steel ... | ... | ... | 280,937 | ... | 275,733 |
| Other iron and steel (except finished parts) .. | ... | ... | 650,240 | ... | 16,815 |
| Alloy steel - | | | | | |
| Carbon and alloy tool steels, including | | | | | |
| high-speed | ... | ... | 208,885 | ... | 96,630 |
| Stainless steels | ... | ... | 70,621 | ... | 61,708 |
| Other alloy steels | ... | ... | 27,677 | ... | 10,202 |
| Ferro-alloys - | | | | | |
| Ferromanganese | ton | 4 | 397 | 14 | 3,107 |
| Ferrosilicon | ton | 193 | 16,379 | 137 | 15,568 |
| Other ferroalloys | ton | ... | 5,383 | ... | 1,130 |
| Non-ferrous metals (all forms, including scrap) - | | | | | |
| Aluminum | pound | 182,780 | 109,128 | 38,328 | 16,109 |
| Brass and bronze | pound | 1,112,979 | 182,977 | 1,198,935 | 183,070 |
| Copper | pound | 401,642 | 103,099 | 666,557 | 150,877 |
| Lead | pound | 52,636 | 3,312 | 36,438 | 1,423 |
| Nickel | pound | 19,706 | 6,166 | 15,655 | 4,985 |
| Tin | pound | 34,807 | 22,505 | 30,113 | 19,215 |
| Zinc | pound | 231,015 | 20,568 | 234,160 | 20,573 |
| Babbitt metals and solder | pound | 77,410 | 14,441 | 86,918 | 16,976 |
| Other metals | ... | ... | 19,762 | ... | 9,032 |
| Other materials and supplies - | | | | | |
| Parts for machines or vehicles | ... | ... | 5,458,339 | ... | 6,162,000 |
| Bolts, nuts, rivets and screws | ... | ... | 835,620 | ... | 876,239 |
| Electrical goods, including motors | ... | ... | 871,216 | ... | 325,826 |
| Paints, oils and varnishes | ... | ... | 524,115 | ... | 466,285 |
| Wheels | No. | 70,036 | 257,974 | ... | 324,942 |
| Cotton, duck and other textiles | ... | ... | 688,560 | ... | 676,236 |
| Foundry coke (used in cupola, not for heat or power) | ton | 7,727 | 138,999 | 10,223 | 145,331 |
| Moulding sands | ton | 3,493 | 18,849 | 5,051 | 27,810 |
| Core sands | ton | 3,238 | 14,080 | 4,163 | 17,953 |
| Silica sand | ton | ... | ... | 51 | 489 |
| Other foundry sands | ton | 107 | 622 | 174 | 1,035 |
| Starch | lb. | 28,300 | 1,012 | 850 | 110 |
| Plumbago and graphite | pound | 10,455 | 806 | 14,839 | 1,133 |
| Other foundry facings | pound | ... | 3,131 | 296,412 | 10,182 |
| Patterns and models | ... | ... | 17,579 | ... | 29,932 |
| Lumber | M ft. b. m. | 27,885 | 1,925,665 | 35,575 | 2,347,946 |
| Firebrick | number | 319,847 | 32,088 | 349,206 | 32,482 |
| Fireclay | ton | 1,671 | 8,900 | 2,479 | 22,772 |
| Cupola blocks | number | ... | 2,325 | 7,865 | 1,709 |
| Core oil | imp. gal. | 32,929 | 11,211 | 16,951 | 12,109 |
| Core compounds | lb. | ... | 15,763 | 795,350 | 18,549 |
| Acetylene | cu. ft. | 658,614 | 15,810 | 528,372 | 13,473 |
| Oxygen | cu. ft. | 1,846,264 | 17,867 | 1,185,512 | 12,479 |
| Shipping containers | ... | ... | 100,289 | ... | 39,804 |
| All other materials and supplies | ... | ... | 3,791,221 | ... | 3,603,079 |
| Total | ... | ... | 25,165,749 | ... | 26,414,939 |

Table 9 - Products Made, 1944 and 1945

| Product | 1 9 4 4 | | 1 9 4 5 | |
|--|---------|------------------------------|---------|------------------------------|
| | Number | Selling value at works \$ | Number | Selling value at works \$ |
| Planting, Seeding and Fertilizing Machinery - | | | | |
| Corn planters - Horse and tractor drawn | 1,871 | 147,973 | 2,856 | 154,377 |
| Grain and fertilizer drills (combination) (a) | ... | ... | 5,052 | 911,430 |
| Grain drills - plain and press | 6,915 | 1,281,642 | 8,585 | 1,542,085 |
| Seed boxes for harrow plows, one way discs and tiller combines | 1,348 | 66,876 | 6,244 | 900,982 |
| Fertilizer and lime sowers, horse or tractor drawn .. | ... | ... | 471 | 40,986 |
| Manure spreaders | 4,066 | 567,910 | 6,746 | 880,158 |
| All other planting, seeding and fertilizing machines. | ... | 78,023 | ... | 34,538 |
| Plows - | | | | |
| Walking plows - 1 furrow | 19,256 | 225,922 | 29,692 | 399,685 |
| 2 furrow | 1,214 | 67,896 | 1,971 | 89,207 |
| Sulky plows - 1 furrow | 252 | 10,802 | 2 | 100 |
| Riding gang plows - 2 furrow | 1,451 | 104,924 | 95 | 6,980 |
| Mouldboard plows - Tractor drawn | 11,352 | 1,534,268 | 22,779 | 2,032,605 |
| Disc plows - Horse drawn | 115 | 11,487 | 260 | 43,112 |
| Tractor drawn | 1,161 | 152,554 | 588 | 283,146 |
| Harrow plows, one-way discs, tiller combines | 5,740 | 1,290,975 | 6,199 | 1,153,433 |
| Breaker plows | 39 | 3,655 | 162 | 17,858 |
| All other plows | ... | ... | ... | 5,439 |
| Tilling, Cultivating, Weeding Machines - | | | | |
| Harrows - Drag (sections) | 14,015 | 70,702 | 28,116 | 120,058 |
| Spring tooth (sections) | 3,954 | 94,372 | 7,246 | 161,135 |
| Disc - Horse or tractor drawn - Under 12' (a) | | | 7,162 | 432,296 |
| 12' or over (a) | 8,362 | 521,316 | 874 | 86,029 |
| Tandem tractor disc (a) | | | 639 | 52,756 |
| Land rollers (a) | | | 719 | 18,771 |
| Soil packers (a) | 820 | 21,705 | 907 | 29,636 |
| Scufflers and horse hoes | 8,257 | 94,305 | 18,670 | 188,189 |
| Corn cultivators - Horse and tractor drawn | 319 | 19,997 | 423 | 28,144 |
| Field cultivators - Horse and tractor drawn | 5,002 | 461,286 | 8,212 | 785,509 |
| Beet, bean and vegetable cultivators - Horse and tractor drawn (a) | ... | ... | 275 | 17,187 |
| Rod weeders | 1,041 | 49,563 | 1,076 | 53,542 |
| Blade weeders | ... | ... | 462 | 132,155 |
| Other tilling and weeding machines | ... | 71,419 | ... | 841 |
| Haying Machinery - | | | | |
| Mowers - Horse drawn (a) | | | 19,595 | 1,892,982 |
| Tractor drawn or mounted (a) | 9,448 | 852,560 | 916 | 136,985 |
| Hay loaders | 2,434 | 224,664 | 2,513 | 241,991 |
| Dump rakes | 5,520 | 208,833 | 10,566 | 447,234 |
| Side rakes and tedders | 942 | 92,894 | 1,182 | 115,039 |
| All other haying machinery | ... | ... | ... | ... |
| Harvesting Machinery - | | | | |
| Combine reaper-threshers | 3,352 | 5,543,273 | 5,218 | 8,392,409 |
| Swathers or windrowers | 1,054 | 266,265 | 408 | 103,510 |
| Pick-up attachments for combines | 2,108 | 152,720 | 3,519 | 265,591 |
| Grain binders - Ground drive | 7,542 | 1,743,272 | 13,794 | 3,476,252 |
| Power take-off drive | 736 | 250,837 | 3,401 | 1,107,033 |
| Corn binders - Ground drive | 308 | 55,711 | 310 | 50,142 |
| Potato diggers - Horse or tractor drawn | 563 | 78,758 | 1,092 | 184,821 |
| All other harvesting machines (including headers, push harvesters, barge elevators, etc.) | ... | ... | ... | 133,250 |

Table 9 - Products Made, 1944 and 1945 (Concluded)

| Product | 1 9 4 4 | | 1 9 4 5 | |
|--|---------|------------------------|---------|------------------------|
| | Number | Selling value at works | Number | Selling value at works |
| | | \$ | | \$ |
| Machines For Preparing Crops For Market Or Use - | | | | |
| Stationary threshers | 1,121 | 749,062 | 1,105 | 720,052 |
| Ensilage cutters | 128 | 54,355 | 228 | 71,457 |
| Corn shellers - Hand | 527 | 11,037 | 392 | 8,161 |
| Grain grinders | 10,323 | 515,738 | 11,219 | 560,239 |
| Rollers or crushers (a) | ... | ... | 285 | 12,275 |
| Pulpers (a) | ... | ... | 856 | 23,661 |
| Fanning mills or grain cleaners | 1,330 | 74,972 | 1,602 | 87,031 |
| Hammermills | 1,717 | 243,940 | 498 | 60,749 |
| Feed mixers | 202 | 26,729 | 1,324 | 73,160 |
| Grain loaders and elevators | 665 | 57,259 | 1,617 | 88,638 |
| All other machines for preparing crops for market or use | ... | 9,631 | ... | 62,206 |
| Spraying and Dusting Equipment - | | | | |
| All types (including attachments) | 1,881 | 172,271 | 6,107 | 227,578 |
| Farm wagons, Trucks and Sleighs - | | | | |
| Wagon boxes | 1,276 | 43,670 | 1,937 | 37,360 |
| Wagon gears (standard) | 3,921 | 256,167 | 3,396 | 265,410 |
| Farm trucks (low wheel - Steel or wood) (a) | ... | ... | 783 | 49,203 |
| Rubber tired gears or trailers (a) | ... | ... | 230 | 29,580 |
| Sleighs | 1,650 | 156,845 | 1,798 | 137,037 |
| All other farm wagons, sleighs and trucks | ... | ... | ... | 277,699 |
| Domestic Water Systems and Pumps - | | | | |
| Domestic water pressure systems and power pumps (a) | ... | ... | 1,900 | 50,448 |
| All other systems and pumps (a) | ... | ... | ... | 19,032 |
| Dairy Machinery and Equipment - | | | | |
| Cream separators - All sizes | 25,681 | 1,566,946 | 30,762 | 1,832,508 |
| All other dairy machinery and equipment (including motors, pumps, attachments) | ... | 1,742,555 | ... | 2,439,045 |
| Miscellaneous farm implements and machinery | | | | |
| Parts and accessories for farm implements and machinery | ... | 396,947 | ... | 660,474 |
| | ... | 2,834,955 | ... | 2,758,714 |
| Total Farm Machinery and Parts | ... | 25,342,538 | ... | 37,751,375 |
| Amount received for custom work and repairs | ... | 7,747,242 | ... | 7,014,037 |
| All other products (b) | ... | 28,009,013 | ... | 12,855,978 |
| Total All Products | ... | 61,098,793 | ... | 57,621,390 |

(a) Not individually classified in 1944.

(b) Includes stoves, washing machines, warehouse trucks, metal stampings, munitions, etc.

Table 10 - Production of Plows (x) in Canada, 1936-1945 (Including some plows made in other industries)

| Year | Number | Selling value at works | Year | Number | Selling value at works |
|------------|--------|------------------------|------------|--------|------------------------|
| | | | | | |
| | | \$ | | | \$ |
| 1936 | 38,105 | 1,171,238 | 1941 | 67,497 | 2,970,621 |
| 1937 | 61,782 | 1,782,956 | 1942 | 53,862 | 2,435,188 |
| 1938 | 57,150 | 1,848,337 | 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 | 56,221 | 2,891,507 |

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

Table 11 - Production of Mowers in Canada, 1936-1945

| Year | Number | Selling value at works | Year | Number | Selling value at works |
|------------|--------|---------------------------|------------|--------|---------------------------|
| | | \$ | | | \$ |
| 1936 | 11,033 | 691,458 | 1941 | 11,218 | 907,600 |
| 1937 | 11,320 | 740,467 | 1942 | 8,816 | 723,773 |
| 1938 | 11,128 | 782,843 | 1943 | 5,872 | 495,496 |
| 1939 | 8,242 | 580,793 | 1944 | 9,448 | 832,560 |
| 1940 | 8,687 | 644,714 | 1945 | 20,511 | 2,029,967 |

Table 12 - Production of Harrows in Canada, 1936-1945 (Including some harrows made in other industries)

| Year | Number | Selling value at works | Year | Number | Selling value at works |
|------------|--------|---------------------------|------------|--------|---------------------------|
| | | \$ | | | \$ |
| 1936 | 33,536 | 422,781 | 1941 | 36,889 | 840,987 |
| 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 | 44,511 | 858,570 |

Table 13 - Production of Grain Binders in Canada, 1936-1945

| Year | Number | Selling value at works | Year | Number | Selling value at works |
|------------|--------|---------------------------|------------|--------|---------------------------|
| | | \$ | | | \$ |
| 1936 | 15,519 | 2,481,072 | 1941 | 8,393 | 1,939,587 |
| 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 |

Table 14 - Production of Threshers and Reaper-Threshers in Canada, 1936-1945

| Year | Number | Selling value at works | Year | Number | Selling value at works |
|------------|--------|---------------------------|----------------------|--------|---------------------------|
| | | \$ | | | \$ |
| 1936 | 1,078 | 884,944 | 1941 | 3,653 | 3,531,861 |
| 1937 | 2,061 | 1,806,295 | 1942 | 2,994 | 2,746,543 |
| 1938 | 3,165 | 2,529,486 | 1943 | 2,244 | 2,532,930 |
| 1939 | 3,049 | 2,647,764 | 1944 | 4,615 | 6,356,896 |
| 1940 | 3,079 | 2,668,224 | 1945 Stationary | 1,123 | 744,162 |
| | | | Reaper-Thresher | 5,218 | 8,392,409 |
| | | | Total, 1945 . | 6,341 | 9,136,571 |

Table 15 - Production of Seed Drills in Canada, 1936-1945

| Year | Number | Selling value at works | Year | Number | Selling value at works |
|------------|--------|---------------------------|------------|--------|---------------------------|
| | | \$ | | | \$ |
| 1936 | 7,358 | 964,582 | 1941 | 7,944 | 1,399,776 |
| 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 |

Table 16 - Production of Cream Separators in Canada, 1936-1945

| Year | Number | Selling value at works | Year | Number | Selling value at works |
|------------|--------|---------------------------|------------|--------|---------------------------|
| | | \$ | | | \$ |
| 1936 | 10,902 | 710,003 | 1941 | 19,876 | 986,268 |
| 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 | 1,362,913 |

Farm Implements

Table 17 - Production of One-Way Discs, Harrow-Plows and Tiller Combines, 1936-1945

| Year | Number | Selling value at works | Year | Number | Selling value at works |
|------------|--------|---------------------------|------------|--------|---------------------------|
| 1936 | 4,455 | 778,718 | 1941 | 6,236 | 1,334,047 |
| 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 |

Table 18 - Production of Cultivators in Canada, 1936-1945 (From all industries)

| Year | Number | Selling value at works | Year | Number | Selling value at works |
|------------|--------|---------------------------|------------|--------|---------------------------|
| 1936 | 5,683 | 376,531 | 1941 | 7,731 | 511,603 |
| 1937 | 7,842 | 380,253 | 1942 | 8,469 | 478,549 |
| 1938 | 9,238 | 667,996 | 1943 | 6,031 | 275,624 |
| 1939 | 5,884 | 410,226 | 1944 | 7,237 | 554,691 |
| 1940 | 10,165 | 590,776 | 1945 | 13,990 | 867,014 |

Table 19 - Production of Weeders and Corn Planters, 1936-1945

| Year | Weeders | | Corn Planters | |
|------------|---------|---------------------------|---------------|---------------------------|
| | Number | Selling value at works | Number | Selling value at works |
| 1936 | 1,150 | 63,306 | 2,586 | 96,922 |
| 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 |

Table 20 - Production of Hay Loaders and Hay Rakes, 1936-1945

| Year | Hay loaders | | Hay rakes, including combination side rakes and tedders | |
|------------|-------------|---------------------------|--|---------------------------|
| | Number | Selling value at works | Number | Selling value at works |
| 1936 | 1,259 | 91,741 | 6,194 | 204,688 |
| 1937 | 1,254 | 93,662 | 6,549 | 213,175 |
| 1938 | 1,840 | 145,879 | 7,078 | 242,292 |
| 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 |

Table 21 - Production of Manure Spreaders, 1936-1945

| Year | Number | Selling value at works | Year | Number | Selling value at works |
|------------|--------|---------------------------|------------|--------|---------------------------|
| 1936 | 3,089 | 238,065 | 1941 | 4,019 | 467,048 |
| 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 | 6,746 | 880,158 |

Table 22 - Production in Canada, Imports and Exports of Farm Implements and Parts, 1940-1945

| 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 |

Note: In Table 22 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 23 - Sales of Farm Implements and Equipment in Canada, By Provinces, 1941-1945

| Province | 1941 | 1942 | 1943 | 1944 | 1945 |
|------------------------|------------|------------|------------|------------|------------|
| Maritimes | 1,711,141 | 1,610,056 | 1,088,830 | 1,933,382 | 2,619,974 |
| Quebec | 5,758,125 | 4,532,984 | 3,133,424 | 5,058,633 | 6,051,271 |
| Ontario | 14,287,475 | 13,672,486 | 7,359,877 | 12,977,046 | 14,731,018 |
| Manitoba | 5,909,118 | 6,548,306 | 3,446,587 | 7,224,039 | 7,868,572 |
| Saskatchewan | 12,923,707 | 12,523,365 | 7,643,580 | 15,220,383 | 18,628,103 |
| Alberta | 10,366,017 | 10,338,469 | 6,357,970 | 11,117,015 | 12,352,466 |
| British Columbia | 1,150,486 | 1,235,857 | 766,292 | 1,293,637 | 1,529,701 |
| Canada | 52,106,069 | 50,461,523 | 29,796,560 | 54,824,135 | 63,781,105 |

Note: In Table 23 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 24 - 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, 1945

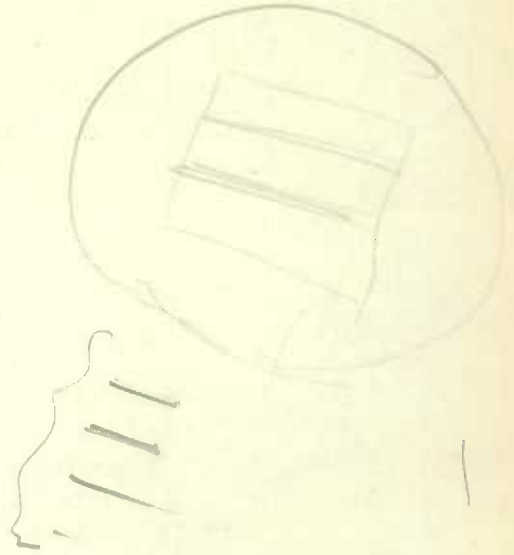
| Name of Firm | Address |
|---|--------------------------------------|
| <u>Prince Edward Island -</u> | |
| The Hall Mfg. & Cold Storage Co. Ltd. | Water St., Summerside |
| <u>Quebec -</u> | |
| Dion Freres Inc. | Ste. Therese |
| Desjardins Limitee | St. Andre de Kamouraska |
| Matthew Moody & Sons Company | St. Louis St., Terrebonne |
| La Compagnie Jutras Limitee | Victoriaville |
| Odilon Banville & Fils | St. Octave de Metis, Que. |
| Rhodt Metal Works | Montreal |
| <u>Ontario -</u> | |
| Clarence W. Lewis | 8 Patton St., Grimsby |
| De Laval Company Limited | 115 Park St., Peterborough |
| The Renfrew Machinery Company Limited | Lochiel St., Renfrew |
| Lobsinger Bros. | Mildmay |
| John Deere Plow Co. Limited | Port Colborne Highway, Welland |
| Massey-Harris Co. Ltd. | Woodstock |
| Otaco Limited | West St., Orillia |
| Cockshutt Plow Company Ltd. | 66 Mohawk St., Brantford |
| Herrgott Thresher Co. | Main St., St. Clemens |
| Massey-Harris Co. Ltd. | Market St. and Canal Road, Brantford |
| Universal Tractors, Ltd. | Bartonville, Ont. |
| Charles W. Waterworth | Queen St., Beamsville |
| Fleury-Bissels Limited | Mill St., Flora |
| Canadian Potato Machinery Co. Ltd. | Jarvis St., Galt |
| The W. C. Wood Company Limited | 123 Woolwich St., Guelph |
| International Harvester Company of Canada Limited | Sherman Ave. N., Hamilton |
| Geo. White & Sons Co. Ltd. | Cabell St., London |
| Spremotor Ltd. | 1103-5 York St., London |
| J. R. Ebersol | Milverton |
| Ernst Bros. Company Limited | Durham St., Mount Forest |
| John Goodison Thresher Co. Ltd. | Clifford St., Sarnia |
| Frost & Wood Company Limited | 25 Chambers St., Smiths Falls |
| Massey-Harris Co. Ltd. | 915 King St. W., Toronto |
| Ferguson Thresher Co. | Maxville |
| <u>Manitoba -</u> | |
| The Hart-Emerson Company Limited | 1425 Whyte Ave., Winnipeg |
| Gregg Manufacturing Company, Limited (Canadian Co-operative Implements Ltd.) | 601 Bowman Ave., Winnipeg |
| Derby Specialty Manufacturing Co. | 376 Donald St., Winnipeg |
| Streamline Crusher Works | Winkler |
| Monarch Machinery Co. Limited | 389 Erin St., Winnipeg |
| Standard Gas Engines Works | Morden |
| <u>Saskatchewan -</u> | |
| Jacob Weiler | Swift Current, Sask. |
| <u>Alberta -</u> | |
| Samson Rotary Rod Weeder, Ltd. | 1019 - 10th Ave. W., Calgary |
| Noble Farms Ltd. | Nobleford |
| E. C. Ferguson Co. | Edmonton, Alberta |

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