

## MANITOBA AGRICULTURAL PROFILE, 2001

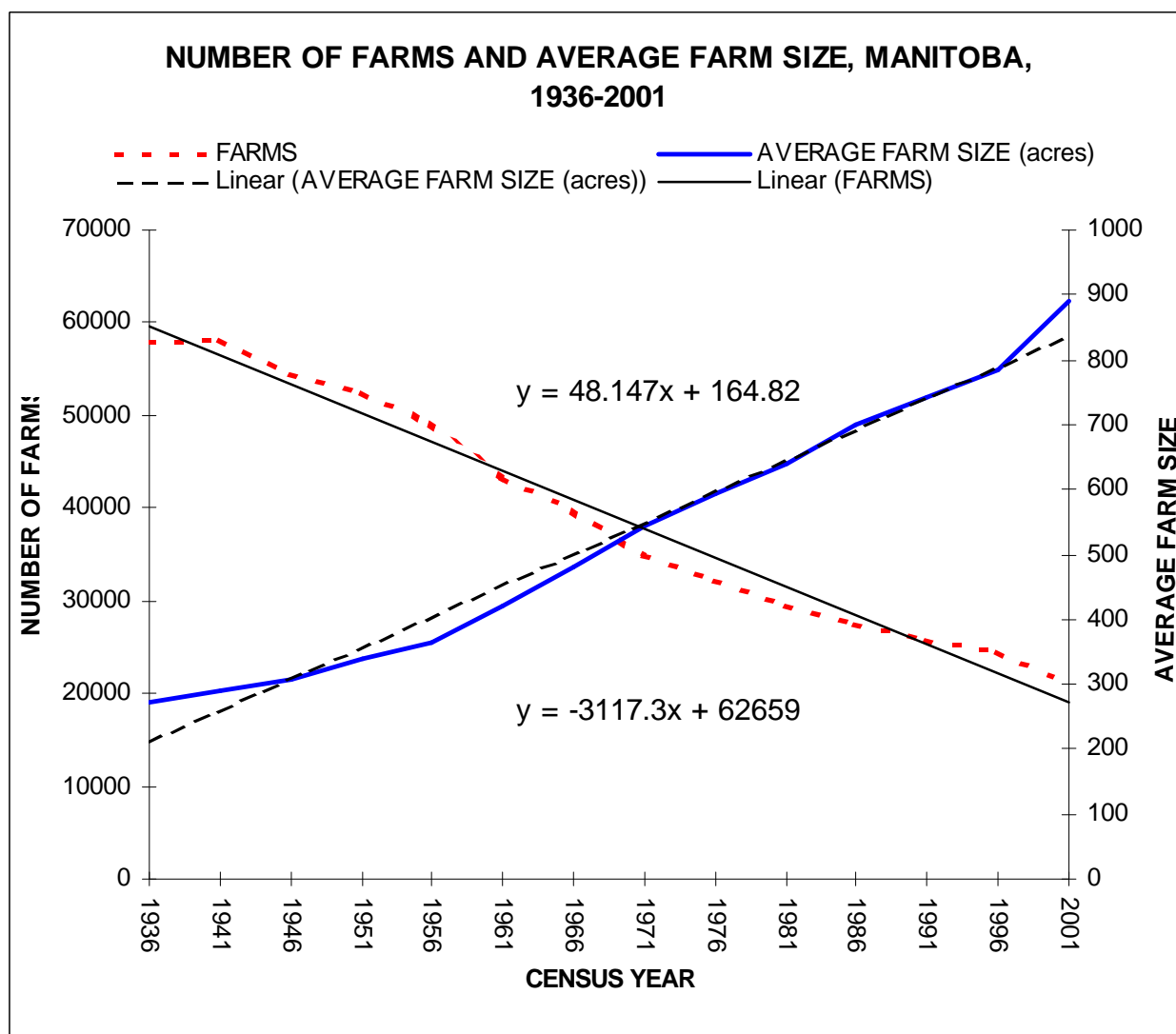
- C The number of farms in Manitoba declined by 13.6 percent from 24,383 in 1996 to 21,071 in 2001. Over 98 percent of Manitoba farms were family-owned and operated in 2001, unchanged from five years earlier. There were 12,322 farms in 2001 with sole proprietorship, 6,394 farms with a partnership arrangement and 2,292 corporate farms, 1,936 of which were family corporations. The number of institutions, community pastures and other farms totalled 63. Over 95 percent of Manitoba farms owned some or all of the land farmed in 2001. About 62.5 percent of total farm land was owned, 26.5 percent of farm land was rented, while 11.0 percent was leased from government.
- C The land in crops increased by 0.3 percent from 11.61 million acres in 1996 to 11.65 million acres in 2001. Summerfallow land fell by 21 percent over the five years to 0.63 million acres in 2001, while pastureland decreased by 2.3 percent to 4.85 million acres. The total land included in census farms declined by 1.7 percent to 18.8 million acres in 2001 and the average farm size increased by 13.6 percent to 891 acres per farm.
- C The most significant annual crops in 2001 were spring wheat (3.69 million acres), canola (1.87 million acres), alfalfa and alfalfa mixtures (1.63 million acres) and barley (1.17 million acres). Together these four crop categories comprised almost three-quarters of all crop land in 2001.
- C The area of Manitoba crop land irrigated increased by 27 percent from 54,800 acres in 1996 to 69,500 acres in 2001. Tillage practices showed 13 percent of seeded land was zero-tilled, while 33 percent of seeded land was tilled by retaining most of the residue on the surface. Conventional tillage was practised on 54 percent of crop land in 2001, compared to 63 percent in 1996.
- C Manitoba was the third largest hog-producing province in 2001 with 2.54 million hogs on farms, the third largest beef cattle-producing province with 563,000 beef cows and had the fourth largest cattle herd in 2001 with 1.42 million beef and dairy cattle and calves. Manitoba's hog inventory rose by 42.9 percent from 1996 to 2001, an average increase of almost 8 percent per year, while the cattle herd increased by 5.1 percent, a rise of about 1 percent per year.
- C Total gross farm receipts in Manitoba increased by 18.8 percent from \$2.97 billion in 1995 to \$3.53 billion in 2000. Over the same period total operating expenses rose by 24.1 percent from \$2.47 billion in 1995 to \$3.07 billion in 2000.
- C About 53.5 percent of Manitoba farms had gross farm sales of over \$50,000 in 2000 and 15 percent had gross farm sales of over \$250,000.
- C The capital value of Manitoba farms at \$15.3 billion was 21 percent higher in 2001 than in 1996. The average capital value per farm rose by 40 percent to \$726,300 per farm in 2001.

**SOURCE:** Census of Agriculture, Statistics Canada.  
Website: <http://www.statcan.ca/english/agcensus2001/>

**MARKET ANALYSIS & STATISTICS SECTION**  
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**MAY 17, 2002**

| Variables <sup>1</sup>   | Manitoba            |                     |                     | Canada              |                     |                     |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|  | 1996                | 2001                | 2001 as a % of 1996 | 1996                | 2001                | 2001 as a % of 1996 |
| <b>Total census farms</b>  | <b>24,383</b>       | <b>21,071</b>       | <b>86</b>           | <b>276,548</b>      | <b>246,923</b>      | <b>89</b>           |
| <b>Total area of farms</b>                                       | <b>19,106,531</b>   | <b>18,784,407</b>   | <b>98</b>           | <b>168,167,475</b>  | <b>166,802,197</b>  | <b>99</b>           |
| <b>Average size of farms</b>                                     | <b>784</b>          | <b>891</b>          | <b>114</b>          | <b>608</b>          | <b>676</b>          | <b>111</b>          |
| Area owned   | 12,179,174          | 11,730,210          | 96                  | 106,405,967         | 104,440,847         | 98                  |
| Area rented, leased or crop-shared from all sources:             | 6,927,357           | 7,054,197           | 102                 | 61,761,508          | 62,361,350          | 101                 |
| Area leased from government                                      | 2,203,727           | 2,067,789           | 94                  | 24,348,900          | 23,227,757          | 95                  |
| Areas rented or leased from others                               | 4,723,630           | 4,447,979           | 94                  | 37,412,608          | 30,488,790          | 81                  |
| Area crop shared from others                                     | ...                 | 538,429             | -                   | ...                 | 8,644,803           | -                   |
| Farms with gross farm receipts of \$100,000 or more <sup>2</sup> | 7,246               | 7,748               | 107                 | 77,178              | 81,218              | 105                 |
| <b>LAND</b>  | <b>acres*</b>       | <b>acres*</b>       |                     | <b>acres*</b>       | <b>acres*</b>       |                     |
| Land in crops  | 11,611,844          | 11,650,599          | 100                 | 86,286,078          | 89,934,387          | 104                 |
| Summerfallow   | 799,760             | 631,930             | 79                  | 15,470,590          | 11,565,518          | 75                  |
| Total pasture land   | 4,966,953           | 4,852,774           | 98                  | 49,325,445          | 49,904,342          | 101                 |
| All other land   | 1,727,974           | 1,649,104           | 95                  | 17,085,362          | 15,397,950          | 90                  |
| <b>FIVE MAJOR CROPS</b>  |                     |                     |                     |                     |                     |                     |
| 1) Spring wheat (excluding durum)                                | 4,022,128           | 3,693,662           | 92                  | 24,634,614          | 20,513,716          | 83                  |
| 2) Canola  | 1,572,852           | 1,872,427           | 119                 | 8,726,366           | 9,347,765           | 107                 |
| 3) Alfalfa and alfalfa mixture                                   | 1,418,740           | 1,625,299           | 115                 | 8,891,798           | 11,129,488          | 125                 |
| 4) Barley  | 1,557,585           | 1,165,693           | 75                  | 12,951,236          | 11,606,068          | 90                  |
| 5) Oats  | 1,045,586           | 904,608             | 87                  | 5,052,683           | 4,670,615           | 92                  |
| <b>LAND MANAGEMENT<sup>3</sup></b>                               |                     |                     |                     |                     |                     |                     |
| Area irrigated   | 54,832              | 69,548              | 127                 | 2,115,549           | 1,938,465           | 92                  |
| Area applied with commercial fertilizer <sup>4</sup>             | 9,465,103           | 8,725,724           | 92                  | 61,634,601          | 59,343,904          | 96                  |
| Area treated with herbicides <sup>4</sup>                        | 8,455,210           | 8,811,838           | 104                 | 57,488,309          | 64,002,551          | 111                 |
| Area treated with insecticides <sup>4</sup>                      | 1,517,754           | 944,752             | 62                  | 7,252,899           | 5,500,412           | 76                  |
| Area treated with fungicides <sup>4</sup>                        | 963,994             | 1,831,979           | 190                 | 4,493,454           | 6,356,511           | 141                 |
| Area prepared for seeding:                                       | 9,781,661           | 9,693,855           | 99                  | 70,901,537          | 73,472,899          | 104                 |
| Area tilled retaining most of the residue on surface             | 2,691,876           | 3,163,890           | 118                 | 21,663,137          | 21,918,819          | 101                 |
| Area tilled incorporating most of the residue into soil          | 6,196,544           | 5,280,248           | 85                  | 37,891,867          | 29,750,778          | 79                  |
| Area of no-till  | 893,241             | 1,249,717           | 140                 | 11,346,533          | 21,803,302          | 192                 |
| <b>LIVESTOCK AND POULTRY</b>                                     | <b># of animals</b> | <b># of animals</b> |                     | <b># of animals</b> | <b># of animals</b> |                     |
| Total cattle and calves  | 1,355,162           | 1,424,427           | 105                 | 14,893,034          | 15,551,449          | 104                 |
| Total beef cows  | 510,197             | 563,300             | 110                 | 4,680,585           | 4,802,400           | 103                 |
| Total dairy cows <sup>5</sup>                                    | 59,404              | 42,407              | 71                  | 1,227,732           | 1,060,965           | 86                  |
| Total sheep and lambs  | 38,152              | 84,798              | 222                 | 864,850             | 1,262,448           | 146                 |
| Total pigs   | 1,777,352           | 2,540,220           | 143                 | 11,040,462          | 13,958,772          | 126                 |
| Total hens and chickens  | 6,403,908           | 7,985,741           | 125                 | 102,255,149         | 126,159,529         | 123                 |
| Total horses and ponies  | 68,783              | 62,791              | 91                  | 443,889             | 460,569             | 104                 |
| Total goats  | 7,213               | 12,637              | 175                 | 125,819             | 182,851             | 145                 |
| Total wild boars   | 7,559               | 3,285               | 43                  | 37,659              | 33,131              | 88                  |
| Total mink   | 51,990              | 50,131              | 96                  | 1,306,961           | 1,349,412           | 103                 |
| Total bison (buffalo)  | 4,621               | 13,437              | 291                 | 45,437              | 145,094             | 319                 |
| Total rabbits  | 8,620               | 11,902              | 138                 | 285,366             | 255,762             | 90                  |
| <b>RECEIPTS AND EXPENSES<sup>2</sup></b>                         | <b>2000 dollars</b> | <b>2000 dollars</b> |                     | <b>2000 dollars</b> | <b>2000 dollars</b> |                     |
| Total gross farm receipts  | 2,970,070,733       | 3,529,222,171       | 119                 | 32,230,356,237      | 38,298,728,817      | 119                 |
| Average gross farm receipts                                      | 121,809             | 167,492             | 138                 | 116,545             | 155,104             | 133                 |
| Total interest expense   | 156,407,130         | 196,407,117         | 126                 | 1,816,395,996       | 2,216,663,787       | 122                 |
| Average interest expense   | 6,415               | 9,321               | 145                 | 6,568               | 8,977               | 137                 |
| Total operating expenses   | 2,473,639,241       | 3,069,555,199       | 124                 | 26,669,926,814      | 33,213,077,917      | 125                 |
| Average operating expense  | 101,449             | 145,677             | 144                 | 96,439              | 134,508             | 139                 |
| <b>CAPITAL AND DEBT</b>  | <b>1996 dollars</b> | <b>2001 dollars</b> |                     | <b>1996 dollars</b> | <b>2001 dollars</b> |                     |
| Total farm capital value   | 12,635,589,914      | 15,304,836,124      | 121                 | 156,468,941,335     | 196,868,929,481     | 126                 |
| Average capital value  | 518,213             | 726,346             | 140                 | 565,793             | 797,289             | 141                 |
| Farm machinery & equipment                                       | 2,995,853,542       | 3,430,591,638       | 115                 | 28,400,398,232      | 33,118,602,124      | 117                 |
| Livestock & poultry  | 1,152,293,699       | 2,015,589,950       | 175                 | 11,844,831,128      | 19,943,376,450      | 168                 |
| Land & buildings   | 8,487,442,673       | 9,858,654,536       | 116                 | 116,223,711,975     | 143,806,950,907     | 124                 |

| Variables <sup>1</sup>   | Manitoba      |               |                     | Canada         |                |                     |
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| <b>Total census farms</b>  | <b>24,383</b> | <b>21,071</b> | <b>86</b>           | <b>276,548</b> | <b>246,923</b> | <b>89</b>           |
| Farms with:  |               |               |                     |                |                |                     |
| Sole proprietorship  | 15,340        | 12,322        | 80                  | 168,007        | 142,915        | 85                  |
| Partnership arrangements   | 6,847         | 6,394         | 93                  | 74,898         | 70,172         | 94                  |
| Corporate farms:   |               |               |                     |                |                |                     |
| Family   | 1,719         | 1,936         | 113                 | 27,082         | 28,854         | 107                 |
| Other  | 372           | 356           | 96                  | 5,605          | 4,151          | 74                  |
| Other farms (institutions, etc.)                                 | 105           | 63            | 60                  | 956            | 831            | 87                  |
| Farms by tenure:   |               |               |                     |                |                |                     |
| Area owned   | 23,036        | 20,031        | 87                  | 262,152        | 235,131        | 90                  |
| Area rented, leased or crop-shared from all sources:             | 12,125        | 10,708        | 88                  | 111,718        | 103,484        | 93                  |
| Area leased from government                                      | 3,109         | 2,495         | 80                  | 26,710         | 21,530         | 81                  |
| Areas rented/leased from others                                  | 10,435        | 8,695         | 83                  | 97,202         | 81,107         | 83                  |
| Area crop shared from others                                     | ...           | 1,602         | -                   | ...            | 19,891         | -                   |
| Farms with gross farm receipts of \$100,000 or more <sup>2</sup> | 7,246         | 7,748         | 107                 | 77,178         | 81,218         | 105                 |
| Farms using computers for <sup>6</sup> :                         | 4,618         | 7,573         | 164                 | 58,724         | 97,378         | 166                 |
| Bookkeeping  | ...           | 5,808         | -                   | ...            | 75,522         | -                   |
| Livestock/crop record-keeping                                    | ...           | 3,589         | -                   | ...            | 39,854         | -                   |
| Word processing  | ...           | 4,843         | -                   | ...            | 62,874         | -                   |
| Internet   | ...           | 5,000         | -                   | ...            | 68,549         | -                   |
| E-mail   | ...           | 4,542         | -                   | ...            | 61,507         | -                   |
| Other Uses   | ...           | 50            | -                   | ...            | 537            | -                   |
| Farms reporting paid work <sup>7</sup>                           | <b>10,247</b> | <b>8,669</b>  | <b>85</b>           | <b>120,172</b> | <b>103,280</b> | <b>86</b>           |
| Weeks of paid work:  |               |               |                     |                |                |                     |
| Year round   | 436,857       | 493,462       | 113                 | 6,360,353      | 7,101,252      | 112                 |
| Seasonal or temporary  | 290,052       | 343,346       | 118                 | 3,987,070      | 4,597,758      | 115                 |
| Seasonal or temporary  | 146,805       | 150,116       | 102                 | 2,373,283      | 2,503,494      | 105                 |
| All farms reporting by type <sup>8</sup> :                       | 22,456        | 19,818        | 88                  | 252,839        | 230,540        | 91                  |
| Dairy <sup>5</sup>   | 946           | 600           | 63                  | 24,411         | 18,574         | 76                  |
| Beef cattle  | 7,018         | 7,232         | 103                 | 67,531         | 67,814         | 100                 |
| Hog  | 946           | 968           | 102                 | 8,063          | 7,148          | 89                  |
| Poultry and egg  | 401           | 284           | 71                  | 4,833          | 4,394          | 91                  |
| Wheat  | 3,407         | 2,007         | 59                  | 29,526         | 15,249         | 52                  |
| Grain and oilseed (except wheat)                                 | 6,110         | 5,325         | 87                  | 51,577         | 52,648         | 102                 |
| Field crop (except grain & oilseed)                              | 1,248         | 1,276         | 102                 | 16,245         | 17,286         | 106                 |
| Fruit  | 85            | 72            | 85                  | 7,107          | 6,560          | 92                  |
| Vegetable  | 65            | 62            | 95                  | 3,607          | 2,890          | 80                  |
| Miscellaneous specialty  | 1,334         | 1,318         | 99                  | 28,715         | 28,315         | 99                  |
| Livestock combination  | 489           | 355           | 73                  | 6,217          | 4,991          | 80                  |
| Other combination  | 407           | 319           | 78                  | 5,007          | 4,671          | 93                  |
| Farms reporting horticulture and organic production:             |               |               |                     |                |                |                     |
| Certified organic products <sup>9</sup>                          | ...           | 90            | -                   | ...            | 2,230          | -                   |
| Greenhouse area under glass, plastic or other protection         | 245           | 235           | 96                  | 6,422          | 6,073          | 95                  |
| Mushrooms  | 3             | 8             | 267                 | 224            | 222            | 99                  |
| Nursery products   | 172           | 161           | 94                  | 4,844          | 4,530          | 94                  |
| Sod  | 11            | 9             | 82                  | 422            | 359            | 85                  |
| Christmas trees  | 140           | 112           | 80                  | 4,077          | 2,933          | 72                  |
| Farms reporting application of:                                  |               |               |                     |                |                |                     |
| Herbicides   | 13,888        | 12,166        | 88                  | 137,184        | 126,850        | 92                  |
| Insecticides   | 5,514         | 2,614         | 47                  | 39,087         | 27,742         | 71                  |
| Fungicides   | 2,886         | 3,385         | 117                 | 22,022         | 22,482         | 102                 |
| Irrigation   | 449           | 361           | 80                  | 21,448         | 17,204         | 80                  |
| Commercial fertilizer  | 15,243        | 12,133        | 80                  | 162,257        | 134,120        | 83                  |
| Farms reporting manure application using:                        |               |               |                     |                |                |                     |
| Solid spreader   | 7,205         | 6,387         | 89                  | 101,890        | 85,542         | 84                  |
| Irrigation system  | 112           | 35            | 31                  | 2,163          | 1,297          | 60                  |
| Liquid spreader (surface)  | 1,295         | 901           | 70                  | 16,851         | 16,461         | 98                  |
| Liquid spreader (injected)                                       | 103           | 403           | 391                 | 1,011          | 1,958          | 194                 |



\* Land area is reported in acres (ac). One acre equals 0.40469 hectares or 1.18 arpents.

<sup>1</sup> Data are reported on Census Day or for the preceding calendar or fiscal year.

<sup>2</sup> As in previous censuses, response errors have resulted in an under-reporting of total gross receipts. However, the data are comparable with previous censuses. At 2000 prices, "Gross Farm Receipts" excludes forest products sold.

<sup>3</sup> Excludes Christmas tree area.

<sup>4</sup> Respondents could report more than one application. As in previous censuses, the area of land on which herbicides, insecticides, fungicides, and commercial fertilizer were applied is under-reported. However, the data are comparable with previous censuses.

<sup>5</sup> Due to response errors in 1996, the number of dairy cows and the number of farms reporting dairy cows may have been overstated, whereas the number of beef cows and the number of farms reporting beef cows may have been understated. The total number of cattle and calves, however, was not affected. These errors limit the comparability of the data between 1996 and 2001. Response errors were more prevalent in provinces with a low proportion of dairy operations.

<sup>6</sup> This question was first asked in 2001. Respondents could choose more than one use.

<sup>7</sup> As in previous censuses, response errors are common for the paid work question because of the variety of arrangements in hiring farm labour. However, the data are comparable with previous censuses.

<sup>8</sup> Each census farm is classified according to the commodity or group of commodities that accounts for 51% or more of the total potential receipts. Since the farm numbers include only those with receipts of \$2,500 or more, the data differ from totals shown in other tables. To make comparisons between the two years possible, the farm typing categories are based on the historical classification structure, not the North American Industrial Classification System (NAICS) farm typing categories introduced in 2001.

<sup>9</sup> The question on certified organic farming was new in 2001. Due to both undercoverage and response errors, the number of farms producing certified organic products for sale is under-reported. Respondents could choose more than one category.