

BULLETIN VIII. FIFTH CENSUS OF CANADA.

AGRICULTURE OF MANITOBA FOR THE YEAR 1910 AS ENUMERATED UNDER DATE OF 1st JUNE, 1911.

PUBLISHED BY AUTHORITY OF THE HONOURABLE GEORGE E. HOSMER, MINISTER OF TRADE AND COMMERCE.
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MANITOBA.

Manitoba is bounded on the south by the states of Minnesota and North Dakota, on the west by the province of Saskatchewan, on the north by the Northwest Territories and Hudson Bay and on the east by the province of Ontario.

Its area at the date of the census was 47,188,298 acres or 73,732 square miles of which 41,169,098 acres were land and 6,019,200 acres water. By the Extension of Boundaries Act (2 Geo. V., c. 32) 1912, the area of the province was increased by 178,100 square miles, making the present area 161,172,298 acres or 251,832 square miles, of which 148,432,698 acres are land and 12,739,600 acres water.

The land east of Lake Winnipeg is comparatively rocky while to the west of it stretches the elevated undulating plains known as the Riding and Duck Mountains, the former having very good forests of pine. The country around the northern parts of Lakes Manitoba and Winnipegosis are well wooded, whilst the eastern part of the province is covered for a considerable distance from the Ontario boundary by forests of spruce, birch and tamarac. The central and southern prairie regions have but few trees except along the banks of the rivers.

The older portion of the province is watered by Lakes Winnipeg (270 miles long by from 20 to 60 miles wide), Manitoba (130 miles long by about 20 miles wide), Winnipegosis (150 miles long by from 6 to 20 miles wide), Swan, Shoal, Dauphin, St. Martin, Whitewater and Oak and by Winnipeg, Red and Assiniboine rivers and their tributaries. In the new addition are many large lakes and rivers. Underneath the Red River and Assiniboine valleys are limestone deposits of the Silurian and Devonian periods. Cretaceous rocks underlie the more elevated regions to the west of Lake Manitoba.

This part of the prairie country had been visited by Verandrye, the French explorer, who, pushing westward from the Great Lakes, reached Lake Winnipeg in 1738. The first white settlement was made in the year 1812, when Lord Selkirk sent out a colony of Scotsmen to occupy the grant of 116,000 square miles which had been given him by the Hudson's Bay Company. In 1835 the Company again acquired the concession and held it until 1870, when it was purchased by the Dominion and created the province of Manitoba.

EARLY CENSUSES OF MANITOBA (Volume IV, Census 1871).

Year.	Popu- lation.	BUILDINGS.		Lands culti- vated.	CATTLE.				
		Houses.	Barns.		Horses.	Oxen.	Cattle.	Sheep.	Swine.
1831.....	2,390	375	399	2,152	410	958	1,995	-	362
1834.....	3,356	567	680	3,230	630	1,708	3,295	-	2,053
1835.....	3,649	569	736	3,504	718	1,471	3,403	-	2,025
1840.....	4,704	679	933	4,041	1,292	1,870	4,045	-	2,149
1843.....	5,143	730	149	5,003	1,570	2,414	3,787	3,567	1,976
1846.....	4,871	746	1,488	5,380	2,360	2,484	3,733	4,223	3,800
1849.....	5,391	745	1,401	6,392	2,085	2,252	3,762	3,096	1,565
1856.....	6,691	933	1,600	8,806	2,681	3,152	6,463	2,245	3,929
1870 ¹	² 12,228	-	-	-	-	-	-	-	-

¹Agriculture not reported. ²Exclusive of Indians.

The rural population of Manitoba in 1891 was 111,498; in 1901 it was 184,738; in 1911 it had increased to 255,249. It was 73.11 per cent of the total population in 1891, in 1901 the percentage was 72.38 and in 1911 it had fallen to 56.02 per cent. It is an interesting fact that the rural population of the province in 1911 was greater by 38 persons than the total population as shown by the census of 1901.

The area of occupied land in 1911 was 12,367,355 acres as against 8,843,347 acres in 1901, and 5,228,272 acres in 1891, being an increase of 3,524,008 acres or 39.85 per cent in the last decade as compared with an increase of 3,615,075 acres or 69.14 per cent in the previous one. The occupied land constituted 30.04 per cent of the land area of the province in 1911 or 8.33 per cent of the land area within the present boundaries.

The number of farms in 1911 was 46,347 of which 38,825 or 83 per cent were holdings of more than 100 acres each; in 1901 the number of farms was 32,495 of which 29,598 or 76 per cent were holdings of more than 100 acres each.

The area of improved lands increased from 3,995,305 acres in 1901 to 6,762,582 acres in 1911, being an increase of 2,676,277 acres or 69.26 per cent in ten years; in the previous decade the increase was 2,763,194 or 224.26 per cent, and the increase of 1891 over 1881 was 981,695 acres.

Land in field crops increased from 2,756,106 acres in 1900 to 4,688,611 acres in 1910, being an increase of 1,912,505 or 69.39 per cent in the ten years; the area under field crops in 1911 was 5,162,217 acres, being an increase of 493,606 acres over the previous year; land in orchard and nursery was 1,933 acres in 1911 as against 652 acres in 1901, being an increase of 1,281 acres and land in vegetables and small fruits increased from 4,549 acres in 1901 to 18,328 in 1911.

Tables III and IV give the area and production of field crops by census or electoral districts for the harvest year 1910 and by totals for the province for 1910 and 1900, and Table IX gives the areas of field crops by totals for 1911, 1910 and 1900. The land under wheat increased from 1,965,200 acres in 1900 to 2,760,371 acres in 1910, being an increase of 40.46 per cent in the decade. The wheat area of 1911 was greater than that of 1910 by 334,462 acres. There are increases in the area and production of all cereals for 1910 over 1900 excepting peas and mixed grains.

The following table gives in a condensed form the area and production of cereals and hoed crops for the several census years since 1881.

COMPARATIVE STATISTICS OF LANDS AND FIELD CROPS, BY CENSUS YEARS 1881-1911.

Schedule.		1881.	1891.	1901.	1911.	PERCENTAGE OF INCREASE FOR			
						1891 over 1881.	1901 over 1891.	1911 over 1901.	1911 over 1881.
Population.....	No.	62,660	152,506	255,211	455,614	143.38	67.35	78.52	627.12
Occupiers of farms.....	"	9,077	22,571	32,495	46,347	148.66	43.97	42.63	410.60
Land occupied.....	ac.	2,384,337	5,228,272	8,843,347	12,367,355	119.28	69.14	39.85	418.69
Land improved.....	"	250,416	1,232,111	3,995,305	6,762,582	392.03	224.27	69.26	2,600.57
Land in field crops.....	"	230,264	1,226,439	2,756,106	4,668,611	432.62	124.72	69.39	1,927.50
Wheat.....	ac.	51,293	896,622	1,965,200	2,760,371	1,648.04	119.18	40.46	5,281.57
	bus.	1,033,673	16,092,220	18,353,013	34,125,949	1,456.80	14.05	85.94	3,201.43
Oats.....	ac.	-	256,211	573,858	1,209,173	-	123.98	110.71	-
	bus.	1,270,268	8,370,212	10,592,660	30,378,379	558.93	26.55	186.79	2,291.49
Barley.....	ac.	-	56,505	139,672	416,016	-	147.19	197.85	-
	bus.	253,604	1,452,433	2,666,803	6,506,634	472.72	83.61	143.99	2,465.67
Other grains.....	ac.	-	-	2,268	4,033	-	-	77.82	-
	bus.	13,030	27,865	29,306	49,824	113.85	5.17	70.01	282.38
Flax.....	ac.	-	-	14,404	34,684	-	-	140.79	-
	bus.	-	34,588	81,898	176,675	-	31.66	115.73	-
Potatoes.....	ac.	4,306	9,791	16,042	26,210	127.38	63.84	63.38	509.69
	bus.	556,193	1,757,231	1,920,794	2,865,839	116.40	59.59	49.20	415.26
Roots.....	ac.	-	2,102	978	2,099	-	-53.47	114.62	-
	bus.	198,121	547,559	232,243	522,807	16.66	.49	125.11	150.71

The cultivation of tame grasses, alfalfa and forage crops mark a forward movement in the methods of farming. In addition to 124,954 tons of cultivated hay grown on 137,671 acres, the records show that 138,340 tons of prairie hay were harvested. Turnips, mangolds, beets, etc., had an area of 2,099 acres and a yield of 522,807 bushels in 1910 as against 978 acres and 232,243 bushels in 1900. The statistics of horticulture as presented in Table V apparently establish the contention that the growing of fruit is practicable in Manitoba. In 1901 there were 652 acres under orchard and nursery as against 1,933 in 1911. The number of bearing apple trees increased by 3,201, of non-bearing by 10,560; there are also increases recorded in the number of bearing and non-bearing peach, pear, cherry and other fruit trees. The census of 1901 recorded that one bushel of peaches and three of pears were grown, this census states that 18 bushels of the former and 13 bushels of the latter were produced.

Tables X and XI give comparative statistics of area and production together with the average yield per acre of the different field crops in 1910 and 1900 and the average value of the product per acre of each crop in 1910 as shown by the census returns. Of cereals the largest gross monetary return per acre was given by peas with \$20.51 followed by beans with \$16.37, fall wheat with \$15.67, corn for husking with \$12.63, flax with \$11.15, buckwheat with \$11.06 and spring wheat with \$10.34; and the smallest return was obtained from oats, rye and barley in the order named.

The average value per farm holding of field crops, vegetables and fruits was \$1,024.71 in 1910 as against \$518.03 in 1900, being an increase of 97.81 per cent in the decade.

The statistics of live stock, Table VI, show that horses increased by 116,507 in the ten years, milch cows by 13,856, other horned cattle by 71,371, swine by 61,957, turkeys by 51,189, geese by 18,175, ducks by 11,030, hens and chickens by 1,342,735 and hives of bees by 2,106. Contrary to the general tendency in Eastern Canada to a decrease in the production of sheep, Manitoba had in 1911 37,322 sheep as against 29,464 in 1901, being an increase of over 26 per cent in the decade.

COMPARATIVE STATISTICS OF LIVE STOCK BY CENSUS YEARS 1881-1911.

Live Stock.	1881.	1891.	1901.	1911.	PERCENTAGE OF INCREASE FOR			
					1891 over 1881.	1901 over 1891.	1911 over 1901.	1911 over 1881.
Horses.....No.	16,418	86,735	163,867	280,374	428.29	88.92	71.10	1,607.72
Cattle....."	60,122	230,696	349,886	435,113	283.71	51.66	24.36	623.72
Sheep....."	6,071	35,838	29,464	37,322	490.31	17.78	26.67	514.76
Swine....."	17,282	54,177	126,459	188,416	213.48	133.42	48.99	990.24

The increases in the number of pure-bred animals from 1901 to 1911 indicate a growing interest in animal husbandry. The greatest improvement was made in horses and cattle.

The average value of horses in 1911 was \$168.34; of milch cows \$40.25; of other horned cattle \$22.55; of sheep \$6.00 and of swine \$8.51, as against an average value for 1901 of \$96.19 for horses; of \$33.60 for milch cows; of \$18.92 for other horned cattle; of \$4.88 for sheep and of \$6.89 for swine. The total value of all live stock in 1911 was \$62,730,477, an average per farm holding of \$1,353.49 as against a total value of \$25,902,201 in 1901 or an average per farm holding of \$797.11, being an increase of 69.67 per cent in the decade.

In comparing the average value of live stock for the two census years it may reasonably be assumed that the figures for 1911 are below rather than above the mark owing to the inclusion of a greater number of young animals in the returns of the last census, which was taken as for June 1st, than there was in the previous census taken as for March 31st.

The increases in the values of farm animals and agricultural products are accompanied by increases in the values of farm lands owned, being \$29.83 per acre in 1911 as against \$11.54 per acre in 1901.

The value of live stock sold in 1910 is given as \$10,926,459 as against \$2,869,105 in 1900, being an increase of \$8,057,354 or 280.83 per cent in the decade. The value of animals slaughtered on the farm rose from \$1,325,289 in 1900 to \$1,874,500 in 1910, an increase of 41.44 per cent; the value of dairy products, which was reported at \$2,792,606 in 1901 had increased to over 9½ million dollars in 1911. Eggs gave a value of \$605,534 in 1901 and of \$1,765,189 in 1911.

The number of weeks of hired labor on the farm in 1910 was 600,758 and the value \$5,379,219, being an average wage of \$8.95 per week as against 419,248 weeks in 1900 with a value of \$2,615,111 and an average value of \$6.23 per week, being an increase in the cost per week of farm labour of 43 per cent from 1900 to 1910.

The total value of lands owned, buildings, farm implements, and live stock on hand was \$465,810,806 with an average value per farm holding of \$10,050, being an average of \$6,739 for lands, of \$1,355 for buildings, of \$603 for farm implements and of \$1,353 for live stock on hand. The gross returns to the farmers as represented by field crops, fruits, live stock sold, dairy products, animals slaughtered on the farm, wool, eggs, honey and wax totaled \$71,613,409, being an average per holding of \$1,545. From the gross earnings must be deducted the fixed charges for seeds, for feed for animals, for depreciation of farm implements and for labour, before the net revenue of the farmer can be estimated.

From the returns made by enumerators it is ascertained that less than one-half of one per cent of the land sown to wheat, which was 62.39 per cent of the total area sown to cereals, did not produce a return in grain for the harvest year 1910. The percentage of the non-productive areas to the areas sown for the other principal crops was 3.65 per cent for oats; 4.17 per cent for flax and 4.31 per cent for barley. For all grain crops the percentage of the non-productive areas was only 1.73 per cent of the area planted, and with the exception of oats, which are sown later than other grains and have a greater feeding value in the sheaf, the areas affected are too small to make any appreciable difference.

The following table shows the number of acres sown to the various crops which did not yield a harvest, but as it is probable that the growth on these areas was in many instances used for fodder, they cannot altogether be regarded as failures, and are therefore not deducted from the areas sown and yields per acre as given throughout this report.

Areas Sown but not harvested in 1910.

Districts.	Wheat.	Barley.	Oats.	Flax.	Other grains.	Forage crops.	Potatoes and roots.	Totals.
	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.
Manitoba.....	12,918	17,948	44,247	1,448	304	302	379	77,546
Brandon.....	1,237	706	1,955	31	125	21	17	4,092
Dauphin.....	916	944	1,253	7	2	25	35	3,182
Lisgar.....	3,501	7,591	19,516	992	28	59	38	31,365
Macdonald.....	1,384	1,805	2,722	165	21	33	49	6,179
Marquette.....	454	658	7,024	-	-	51	10	8,197
Prge. la Prairie.	2,174	1,317	1,969	20	60	33	8	5,581
Provencher.....	601	1,456	1,232	8	12	67	66	3,442
Selkirk.....	197	331	491	-	55	10	93	1,177
Souris.....	2,454	3,140	8,445	225	1	2	63	14,331

TABLE I. Farm holdings in 1911 and 1901.

Schedule	Brandon	Dauphin	Lisgar	Macdonald	Marquette	Portage la Prairie	
						1911	1901
Occupiers being—							
Owners..... No.	2,802	7,619	2,453	3,801	5,553		3,294
Tenants..... "	508	385	531	737	519		437
Owners and Tenants "	272	323	404	411	357		297
Occupiers of—							
Under 1 acre..... No.	65	154	99	251	127		216
1 to under 5 acres... "	64	144	117	342	109		227
5 to 10 acres..... "	36	39	45	128	34		134
11 to 50 acres..... "	52	71	60	166	58		248
51 to 100 acres..... "	60	268	143	137	110		110
101 to 200 acres..... "	442	5,886	965	1,330	2,790		1,009
201 acres and over.. "	2,863	1,765	1,959	2,595	3,201		2,084
Total occupiers.....	3,582	8,327	3,388	4,949	6,429		4,028
						Totals	
Schedule	Provencher	Selkirk	Souris	Winnipeg City	1911	1901	
Occupiers being—							
Owners..... No.	4,581	5,191	3,606	27	38,927		28,893
Tenants..... "	307	435	842	6	4,707		1,627
Owners and Tenants "	156	107	385	1	2,713		1,975
Occupiers of—							
Under 1 acre..... "	69	118	165	16	1,280		243
1 to under 5 acres... "	344	303	114	9	1,773		440
5 to 10 acres..... "	115	229	25	6	791		257
11 to 50 acres..... "	193	702	23	2	1,575		703
51 to 100 acres..... "	426	830	19	-	2,103		1,254
101 to 200 acres..... "	2,403	2,771	730	1	13,327		14,394
201 acres and over.. "	1,494	780	3,757	-	20,498		15,204
Total occupiers.....	5,044	5,733	4,833	34	46,347		32,495

TABLE II. Farm lands classified according to tenure and conditions in 1911 and 1901.

Schedule—con		Brandon	Dauphin	Lisgar	Macdonald	Marquette	Portage la Prairie
Population.....	No.	39,734	44,000	23,501	35,841	33,598	27,950
Number of all farms.	"	3,582	8,327	3,388	4,949	6,429	4,028
Total land area.....	ac.	1,864,902	13,193,249	1,093,197	2,392,612	3,333,889	1,754,456
Land occupied.....	"	1,475,011	1,693,855	991,695	1,359,389	1,904,452	1,140,285
Land owned.....	"	1,201,996	1,548,554	789,867	1,091,915	1,659,722	968,599
Land leased or rented	"	273,015	145,301	201,828	267,474	244,730	171,686
Land improved.....	"	1,050,074	458,617	699,187	832,929	854,296	761,037
Land unimproved.....	"	424,937	1,235,238	292,508	526,460	1,050,156	379,248
Land in natural forest	"	334,410	973,282	229,851	452,962	878,945	331,349
Land in marsh, etc...	"	54,391	101,854	27,987	34,771	137,656	19,738
Land in field crops..	"	738,711	393,157	575,285	654,707	678,407	566,964
Land in orchard and nursery.....	"	194	378	361	402	51	60
Land in vegetables..	"	1,071	2,549	2,302	2,156	1,001	1,685
Land in vineyards..	"	2	96	1	6	78	1
Land in small fruits..	"	18	33	12	9	13	15
						Totals	
Schedule		Provencher	Selkirk	Souris	Winnipeg City	1911	1901
Population.....	No.	40,693	45,213	29,049	136,035	455,614	255,211
Number of all farms.	"	5,044	5,733	4,833	34	46,347	32,495
Total land area.....	ac.	3,610,628	11,444,171	2,469,244	12,750	41,169,098	41,169,098
Land occupied.....	"	1,024,773	813,490	1,964,139	266	12,367,355	8,843,347
Land owned.....	"	944,434	745,097	1,519,959	243	10,470,386	8,073,894
Land leased or rented	"	80,339	68,393	444,180	23	1,896,969	769,453
Land improved.....	"	488,669	189,885	1,427,804	84	6,762,582	3,995,305
Land unimproved....	"	536,104	623,605	536,335	182	5,604,773	4,848,042
Land in natural forest	"	458,803	452,128	487,010	34	4,598,774	258,729
Land in marsh, etc...	"	24,314	42,825	39,089	-	482,625	-
Land in field crops..	"	377,150	144,465	1,033,335	36	5,162,217	2,756,106
Land in orchard and nursery.....	"	343	71	61	12	1,933	652
Land in vegetables..	"	3,108	3,301	994	36	18,203	4,549
Land in vineyards..	"	3	-	3	-	190	2
Land in small fruits..	"	8	9	8	-	125	-

TABLE III. Grain Crops in 1910 and 1900.

Crops		Brandon	Dauphin	Lisgar	Macdonald	Marquette	Portage la Prairie	
							1910	1900
Wheat, all.....	ac.	455,838	176,640	306,250	365,705	224,653	319,349	
	bus.	6,005,167	3,110,401	1,974,774	4,729,172	4,402,351	5,057,276	
Wheat, fall.....	ac.	671	2,126	-	-	-	26	
	bus.	7,686	52,660	-	-	-	512	
Wheat, spring.....	ac.	455,167	174,514	306,250	365,705	224,653	319,323	
	bus.	5,997,481	3,057,741	1,974,774	4,729,172	4,402,351	5,056,764	
Barley.....	ac.	49,409	45,223	60,781	55,352	39,977	60,557	
	bus.	799,365	1,195,384	357,119	802,848	935,962	1,245,090	
Oats.....	ac.	151,288	88,961	109,033	105,915	345,976	106,586	
	bus.	3,169,206	3,203,899	761,113	2,141,395	13,840,304	2,861,430	
Rye.....	ac.	333	209	71	92	7	940	
	bus.	1,290	2,936	688	1,006	119	8,820	
Corn for husking.....	ac.	24	12	26	19	8	8	
	bus.	306	226	35	625	351	140	
Buckwheat.....	ac.	-	113	-	-	2	15	
	bus.	-	1,845	-	-	20	265	
Beans.....	ac.	-	4	41	-	-	-	
	bus.	30	65	193	4	1	-	
Peas.....	ac.	14	55	1	18	5	16	
	bus.	241	308	6	366	99	214	
Flax.....	ac.	919	1,647	12,235	9,198	747	3,379	
	bus.	7,943	17,766	30,631	51,803	9,316	30,260	
Mixed grains.....	ac.	15	66	35	20	24	144	
	bus.	317	1,350	500	800	240	3,100	

Crops		Provencher	Selkirk	Souris	Winnipeg City	Totals	
						1910	1900
Wheat, all.....	ac.	200,109	35,299	676,528	-	2,760,371	1,965,200
	bus.	2,290,455	588,525	5,967,828	-	34,125,949	18,353,013
Wheat, fall.....	ac.	1,275	45	410	-	4,553	120
	bus.	18,873	1,445	5,000	-	86,176	2,036
Wheat, spring.....	ac.	198,834	35,254	676,118	-	2,755,818	1,965,080
	bus.	2,271,582	587,080	5,962,828	-	34,039,773	18,350,977
Barley.....	ac.	33,629	16,924	54,164	-	416,016	139,672
	bus.	362,931	300,381	507,554	-	6,506,634	2,666,803
Oats.....	ac.	71,019	40,510	189,885	-	1,209,173	573,858
	bus.	1,129,225	1,013,699	2,258,108	-	30,378,379	10,592,660
Rye.....	ac.	516	549	21	-	2,738	937
	bus.	4,875	9,186	285	-	29,205	7,085
Corn for husking.....	ac.	69	63	4	-	233	62
	bus.	1,121	315	42	-	3,161	1,944
Buckwheat.....	ac.	9	42	20	-	201	56
	bus.	66	373	350	-	2,919	1,294
Beans.....	ac.	37	8	-	-	90	38
	bus.	481	123	7	-	904	710
Peas.....	ac.	95	80	14	-	298	406
	bus.	1,092	2,325	212	-	4,863	4,950
Flax.....	ac.	2,859	705	2,995	-	34,684	14,404
	bus.	9,653	4,029	15,274	-	176,675	81,898
Mixed grains.....	ac.	86	20	63	-	473	769
	bus.	861	364	1,240	-	8,772	13,323

TABLE IV. Forage crops, Potatoes, Roots, etc., in 1910 and 1900.

Crops		Brandon	Dauphin	Lisgar	Macdonald	Marquette	Portage la Prairie
Hay	ac.	8,389	12,605	26,856	29,385	3,104	15,293
	tons	7,131	18,626	22,848	24,979	2,638	13,849
Alfalfa	ac.	46	10	22	127	9	69
	tons	64	28	28	161	20	101
Corn for forage	ac.	1,062	163	264	1,552	126	644
	tons	2,191	767	676	4,712	424	2,455
Other forage crops	ac.	13,167	9,413	6,143	12,637	9,165	11,391
	tons	12,972	13,068	3,119	9,829	12,737	13,879
Potatoes	ac.	1,996	3,563	1,412	2,882	2,416	2,467
	bus.	254,812	516,783	83,092	297,576	385,918	283,866
Turnips	ac.	142	93	62	105	61	74
	bus.	51,985	15,676	12,025	31,981	16,529	22,969
Mangolds	ac.	12	19	14	42	12	9
	tons	91	120	119	1,022	104	128
Sugar beets	ac.	7	27	4	15	5	10
	tons	92	228	42	107	48	103
Other field roots	ac.	30	92	4	109	1	89
	tons	81	552	8	619	12	847
Tobacco	ac.	-	3	-	-	-	-
	lb.	-	4,317	-	-	-	-
Hops	ac.	-	-	-	-	-	-
	lb.	-	10	-	-	-	-
Grass seed	"	51,100	18,456	1,775	16,065	1,421	8,152
Red clover seed	"	-	350	-	50	-	200
Alsike clover seed	"	-	-	-	-	-	-

Crops		Provencher	Selkirk	Souris	Winnipeg City	Totals	
						1910	1900
Hay	ac.	12,032	21,397	7,610	-	137,671	(1)
	tons	10,227	18,187	6,469	-	124,954	477,759
Alfalfa	ac.	197	20	39	-	539	-
	tons	131	18	28	-	579	-
Corn for forage	ac.	393	293	106	-	4,603	-
	tons	1,346	1,353	234	-	14,158	43,667
Other forage crops	ac.	4,455	4,206	2,628	-	73,205	53,191
	tons	4,276	3,681	2,373	-	75,934	-
Potatoes	ac.	3,592	5,981	1,897	4	26,210	16,042
	bus.	292,491	593,339	156,962	1,000	2,865,839	1,920,794
Turnips	ac.	118	172	66	-	893	-
	bus.	14,426	61,782	18,301	-	245,674	-
Mangolds	ac.	52	41	10	-	211	-
	tons	574	446	91	-	2,695	978
Sugar beets	ac.	10	10	3	-	91	232,243
	tons	48	106	10	-	784	(bus.)
Other field roots	ac.	320	226	4	-	904	-
	tons	871	1,490	15	340	4,835	-
Tobacco	ac.	4	-	-	-	7	10
	lb.	2,755	-	-	-	7,072	6,365
Hops	ac.	-	-	-	-	-	7
	lb.	-	82	30	-	122	650
Grass seed	"	13,217	1,345	3,600	-	115,131	13,536
Red clover seed	"	-	-	-	-	600	-
Alsike clover seed	"	300	-	-	-	300	900

¹The area of hay was not given, as nearly the whole of it was cut on unbroken prairie or natural meadows.

TABLE V. Fruit trees and Fruit in 1910 and 1900.

Schedule of Fruits	Brandon	Dauphin	Lisgar	Macdonald	Marquette	Portage la Prairie
Apple-trees bearing..... NO.	373	104	1,970	360	121	394
Apple-trees non-bearing..... "	4,052	1,125	7,277	1,114	338	1,007
Apples..... bus.	122	60	418	190	7	120
Peach-trees bearing..... NO.	-	1	20	-	3	1
Peach-trees non-bearing..... "	20	4	11	-	-	-
Peaches..... bus.	-	1	10	-	1	1
Pear-trees bearing..... NO.	-	-	-	2	-	-
Pear-trees non-bearing..... "	10	11	37	1	-	-
Pears..... bus.	-	-	-	1	-	-
Plum-trees bearing..... NO.	570	243	2,530	232	65	401
Plum-trees non-bearing..... "	2,737	767	2,474	469	227	465
Plums..... bus.	546	15	702	33	22	38
Cherry-trees bearing..... NO.	26	45	9,254	150	12	52
Cherry-trees non-bearing..... "	175	143	1,246	156	25	44
Cherries..... bus.	26	1	323	20	10	50
Other fruit-trees bearing..... NO.	246	2,488	6,860	8,006	1,454	268
Other fruit-trees non-bearing..... "	542	363	1,000	2,113	533	243
Other fruits..... bus.	116	36	112	1,115	40	210
Grapes..... lb.	1	-	750	-	1	-
Strawberries..... boxes.	391	5,332	1,254	585	152	258
Currants and gooseberries..... qts.	4,763	3,595	16,879	4,551	3,106	3,694
Other small fruits..... boxes.	1,774	1,423	7,165	2,263	1,526	2,226
Maple sugar..... lb.	-	15	-	-	-	-
Maple syrup..... gal.	-	4	-	-	5	-

Schedule of Fruits	Proven- cher	Selkirk	Souris	Winnipeg City	Totals	
					1910	1900
Apple-trees bearing..... NO.	399	94	476	1	4,292	1,091
Apple-trees non-bearing..... "	989	626	1,273	-	17,801	7,241
Apples..... bus.	47	85	447	2	1,498	571
Peach-trees bearing..... NO.	4	-	2	-	31	29
Peach-trees non-bearing..... "	9	3	-	-	47	15
Peaches..... bus.	4	-	1	-	18	1
Pear-trees bearing..... NO.	12	-	-	-	14	33
Pear-trees non-bearing..... "	-	-	-	-	59	64
Pears..... bus.	12	-	-	-	13	3
Plum-trees bearing..... NO.	404	270	460	5	5,180	24,094
Plum-trees non-bearing..... "	707	303	651	-	8,800	17,569
Plums..... bus.	215	53	21	3	1,648	2,006
Cherry-trees bearing..... NO.	156	4	77	-	9,776	8,102
Cherry-trees non-bearing..... "	316	59	204	-	2,368	5,540
Cherries..... bus.	102	1	11	-	544	673
Other fruit-trees bearing..... NO.	56	238	2,535	-	22,151	-
Other fruit-trees non-bearing..... "	37	69	936	-	5,836	-
Other fruits..... bus.	22	173	604	-	2,428	-
Grapes..... lb.	75	-	-	-	827	410
Strawberries..... boxes.	480	149	1,340	-	9,941	-
Currants and gooseberries..... qts.	2,904	1,342	15,225	-	56,059	120,164
Other small fruits..... boxes.	684	1,363	8,844	-	27,263	(qts.)
Maple sugar..... lb.	-	-	-	-	15	4,954
Maple syrup..... gal.	-	11	-	-	20	(lb.)

TABLE VI. Live Stock on Farms in 1911 and 1901.

Kinds		Brandon	Dauphin	Lisgar	Macdonald	Marquette	Portage la Prairie	
							1911	1901
Horses, all.....	NO.	37,551	24,494	25,734	33,464	43,596	28,936	
Horses 3 years and over.....	"	28,466	19,070	19,822	26,793	32,514	23,031	
Horses under 3 years.....	"	9,085	5,424	6,912	6,671	11,182	5,905	
Milch cows.....	"	12,861	24,949	10,713	17,724	20,033	13,046	
Other horned cattle.....	"	28,498	57,657	13,266	25,809	46,345	27,292	
Sheep.....	"	3,093	8,103	3,775	2,984	3,508	3,176	
Swine.....	"	23,720	25,224	16,022	23,780	23,116	19,526	
Turkeys.....	"	8,536	7,285	7,853	13,979	7,893	8,424	
Geese.....	"	2,049	4,291	4,486	2,997	2,983	1,662	
Ducks.....	"	3,202	6,286	3,079	3,436	4,089	2,705	
Hens and chickens.....	"	236,083	282,473	255,138	308,223	318,200	257,729	
Hives of bees.....	"	48	311	17	451	216	705	
Pure-bred animals— ¹								
Horses.....	NO.	969	208	371	356	580	438	
Cattle.....	"	2,026	811	1,243	1,159	1,606	1,596	
Sheep.....	"	374	146	92	162	91	220	
Swine.....	"	915	446	392	880	738	723	

Kinds		Provencher	Selkirk	Souris	Winnipeg City	Totals	
						1911	1901
Horses, all.....	NO.	23,066	12,860	47,647	1,926	280,374	163,867
Horses 3 years and over.....	"	17,891	10,514	35,418	1,903	215,422	138,468
Horses under 3 years.....	"	5,175	2,346	12,229	23	64,952	25,399
Milch cows.....	"	20,814	20,476	14,460	261	155,337	141,481
Other horned cattle.....	"	23,979	28,929	27,985	16	279,776	208,405
Sheep.....	"	3,629	5,208	3,846	-	37,322	29,464
Swine.....	"	20,739	14,366	21,913	10	188,416	126,459
Turkeys.....	"	7,475	5,575	12,613	6	79,639	28,450
Geese.....	"	3,795	4,309	1,895	5	28,472	10,297
Ducks.....	"	5,094	2,888	4,629	3	35,411	24,381
Hens and chickens.....	"	274,666	189,995	316,138	3,010	2,441,655	1,098,920
Hives of bees.....	"	723	354	16	-	2,841	735
Pure-bred animals— ¹							
Horses.....	NO.	99	59	903	51	4,034	887
Cattle.....	"	250	460	1,697	-	10,848	7,857
Sheep.....	"	2	25	210	-	1,322	1,314
Swine.....	"	127	279	1,037	-	5,537	4,822

¹Included above.

TABLE VII. Live stock sold and Animal Products 1910 and 1900.

Kinds		Brandon	Dauphin	Lisgar	Macdonald	Marquette	Portage la Prairie	
							1910	1900
Animals sold—								
Horses.....	No.	3,359	2,378	3,007	3,216	3,586	6,126	
Milch cows.....	"	2,260	3,843	2,161	3,307	2,700	3,066	
Other cattle.....	"	13,039	13,609	8,032	11,384	18,400	14,730	
Sheep.....	"	1,688	2,361	1,899	689	1,199	3,315	
Swine.....	"	19,276	16,911	15,240	16,549	12,907	17,038	
Poultry.....	"	33,918	29,607	79,865	66,254	35,727	43,743	
Animal products—								
Wool.....	lb.	4,631	22,338	13,010	6,202	8,962	9,035	
Milk, total.....	"	48,391,700	75,785,891	44,727,501	59,241,884	62,455,138	48,961,148	
Butter, homemade.....	"	990,646	1,472,695	1,003,419	1,200,835	1,480,843	1,225,115	
Cheese, homemade.....	"	665	27,498	539	89,100	13,659	20	
Cream sent to factory or sold.....	"	706,126	1,131,976	289,306	1,197,724	682,250	300,398	
Honey.....	"	1,310	11,970	736	4,760	5,668	11,818	
Eggs.....	doz.	902,047	968,402	1,081,044	1,115,227	1,272,169	1,025,778	

Kinds		Provencher	Selkirk	Souris	Winnipeg City	Totals	
						1910	1900
Animals sold—							
Horses.....	No.	2,047	941	4,203	342	29,205	-
Milch cows.....	"	5,014	3,793	2,469	18	28,631	84,266
Other cattle.....	"	7,862	7,493	1,200	12	95,761	
Sheep.....	"	1,227	723	1,444	-	14,545	13,567
Swine.....	"	12,018	8,385	18,001	-	136,325	122,158
Poultry.....	"	66,760	28,735	45,962	825	431,396	359,063
Animal products—							
Wool.....	lb.	7,784	14,420	7,824	-	94,206	137,469
Milk, total.....	"	67,959,546	71,499,782	52,192,741	1,289,000	532,504,331	-
Butter, homemade.....	"	1,214,940	1,135,283	1,213,838	250	10,937,864	8,676,661
Cheese, homemade.....	"	144,451	49,482	1,775	100	327,289	-
Cream sent to factory or sold.....	"	1,174,408	1,207,807	795,194	-	7,485,189	-
Honey.....	"	19,554	5,881	350	-	62,047	16,242
Eggs.....	doz.	935,265	1,088,344	1,254,259	4,288	9,646,823	5,038,062

TABLE VIII. Values of Lands, Farm Animals and products for the province in 1911 and 1901.

Schedule	1911	1901	Increase	Increase per cent
	\$	\$	\$	
Land owned.....	312,340,718	93,233,535	219,107,183	235-00
Buildings.....	62,784,244	20,049,726	42,734,518	213-19
Rent of land and buildings.....	1,844,584	514,667	1,329,917	258-40
Farm implements.....	27,955,367	12,169,619	15,785,748	129-71
Horses.....	47,199,063	15,763,463	31,435,600	199-42
Milch cows.....	6,253,129	4,754,974	1,498,155	31-50
Other horned cattle.....	6,311,318	3,944,406	2,366,912	60-00
Sheep.....	223,974	144,018	79,956	55-51
Swine.....	1,604,277	871,627	732,650	84-05
Poultry.....	1,116,096	417,586	698,510	167-27
Hives of bees.....	22,620	6,127	16,493	267-39
Field crops (1910 and 1900).....	46,052,821	16,669,321	29,383,500	176-27
Vegetables (1910 and 1900).....	1,419,522			
Orchard fruits (1910 and 1900).....	5,385	163,958	1,275,667	778-04
Small fruits (1910 and 1900).....	14,718			
Live stock sold (1910 and 1900)—				
Horses.....	4,976,013			
Milch cows.....	1,077,745			
Other horned cattle.....	2,899,964			
Sheep.....	94,447	2,869,105	8,057,354	280-83
Swine.....	1,590,497			
Poultry.....	286,656			
Hives of bees.....	1,135			
Dairy products (1910 and 1900)—				
Milk.....	6,077,982			
Cream.....	849,303	2,792,606	6,738,183	277-09
Home-made butter.....	2,571,143			
Home-made cheese.....	32,361			
Animals slaughtered on farm (1910 and 1900)—				
Horned cattle.....	559,952			
Sheep.....	14,373	1,325,289	549,211	41-44
Swine.....	1,045,062			
Poultry.....	255,113			
Other farm products (1910 and 1900)—				
Wool.....	14,816	15,272	-456	-
Eggs.....	1,765,189	605,534	1,159,655	191-50
Honey and wax.....	9,057	2,473	6,584	266-23
Maple sugar and syrup.....	153	545	-392	-
Hired labour on farms—				
Weeks..... No.	600,758	419,248	181,510	43-29
Value of..... \$	5,379,219	2,615,111	2,764,108	105-69

TABLE IX. Areas of Field crops in the years 1911, 1910 and 1900, as shown by the census returns.

Field Crops	1911	1910	1900	INCREASE ¹		
				1911 over 1910	1911 over 1900	1910 over 1900
	acres	acres	acres	acres	acres	acres
Fall wheat.....	13,291	4,553	120	8,738	13,171	4,433
Spring wheat.....	3,081,542	2,755,818	1,975,080	325,724	1,116,462	790,738
Barley.....	448,105	416,016	139,672	32,089	308,433	276,344
Oats.....	1,307,434	1,209,173	573,858	98,261	733,576	635,315
Rye.....	4,725	2,738	937	1,987	3,788	1,801
Corn for husking.....	937	233	62	704	875	171
Buckwheat.....	321	201	56	120	265	145
Beans.....	113	90	38	23	75	52
Peas.....	414	298	406	116	8	-108
Flax.....	79,765	34,684	14,404	45,081	65,361	20,280
Mixed grains.....	1,541	473	769	1,068	772	-296
Hay and clover.....	153,372	137,671	-	15,701	153,372	137,671
Alfalfa.....	3,324	539	-	2,785	3,324	539
Corn for forage.....	9,919	4,603	43,667	5,316	-7,271	34,141
Other forage crops.....	26,477	73,205	-	-46,728	-	-
Potatoes.....	26,488	26,210	16,042	278	10,446	10,168
Turnips.....	1,477	893	-	584	-	-
Mangolds.....	402	211	978	191	3,424	1,121
Sugar beets.....	235	91	-	144	-	-
Other field roots.....	2,288	904	-	1,384	-	-
Tobacco.....	46	7	10	39	36	-3
Hops.....	1	-	7	1	-6	-7
Total area under crop.....	5,162,217	4,668,611	2,756,106	493,606	2,406,111	1,912,505

¹Minus sign (-) denotes a decrease.

TABLE X. Grain Crops by areas, products and averages for the province.

Crops	CROPS 1910					CROPS 1900		
	Area	Product	Value	Average yield per acre	Average value per acre	Area	Product	Average yield per acre
	acres	bus.	\$	bus.	\$	acres	bus.	bus.
Wheat, all.....	2,760,371	34,125,949	28,582,902	12.36	10.35	1,965,200	18,353,013	9.33
Wheat, fall.....	4,553	86,176	71,384	18.92	15.67	120	2,036	16.96
Wheat, spring.....	2,755,818	34,039,773	28,511,518	12.35	10.34	1,965,080	18,350,977	9.33
Barley.....	416,016	6,506,634	2,905,038	15.64	6.99	139,672	2,666,803	19.09
Oats.....	1,209,173	30,378,379	9,902,055	25.12	8.18	573,858	10,592,660	18.45
Rye.....	2,738	29,205	20,469	10.66	7.47	937	7,085	7.56
Corn for husking..	233	3,161	2,943	13.56	12.63	62	1,944	31.35
Buckwheat.....	201	2,919	2,313	14.07	11.06	56	1,294	23.10
Beans.....	90	904	1,474	10.04	16.37	38	710	18.68
Peas.....	298	4,863	6,112	16.31	20.51	406	4,950	12.19
Flax.....	34,684	176,675	387,080	5.09	11.15	14,404	81,898	5.68
Mixed grains.....	473	8,772	3,847	18.54	8.13	769	13,323	17.32

TABLE XI. Forage Crops. Potatoes, Roots, etc., by areas, products and averages, for the province.

Crops	Crops 1910					Crops 1900		
	Area	Product	Value	Average yield per acre	Average value per acre	Area	Product	Average yield per acre
	acres	tons	\$	tons	\$	acres	tons	tons
Hay and clover...	137,671	124,954	966,451	.91	7.02	-	477,759	-
Alfalfa.....	539	579	7,454	1.07	13.82	-	-	-
Corn for forage....	4,603	14,158	93,957	1.03	20.41	43,667	53,191	1.21
Other forage crops	73,205	75,934	669,695	1.03	9.14			
Mangolds.....	211	2,695	15,387	12.77	72.92	978	6,907	7.14
Sugar beets.....	91	784	6,660	8.61	73.18			
Other field roots..	904	4,835	77,743	5.34	85.99			
Potatoes.....	26,210	bus.	1,690,100	bus.	64.48	16,042	bus.	bus.
Turnips.....	893	2,865,839	62,844	109.34	70.37		1,920,794	119.73
Tobacco.....	7	lb.	.655	lb.	93.57	10	lb.	lb.
Hops.....	-	7,072	40	1,010.28	-	7	6,365	636.50
		122		-			650	92.85

NOTE:—Turnips included with other field roots in 1900.

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