

# Manitoba Greenhouse Gas Emissions, 1990 - 2009

## Agriculture

Greenhouse Gas Categories		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Manitoba total annual emissions		18,491	18,169	18,346	18,346	18,874	19,615	20,427	20,035	20,506	20,405	21,235	19,681	20,487	21,125	21,193	20,854	20,980	21,535	21,644	20,274
ALL AGRICULTURE		5,090	5,277	5,531	5,531	5,935	6,019	6,377	6,457	6,685	6,486	6,670	6,295	6,667	7,121	7,089	6,523	7,060	6,936	7,207	6,654
a.	Enteric Fermentation	1,321	1,352	1,463	1,496	1,564	1,662	1,731	1,815	1,817	1,784	1,813	1,870	1,921	2,024	2,154	2,207	2,213	2,046	2,022	1,904
b.	Manure Management	371	384	415	422	443	479	503	519	537	536	562	604	641	659	675	688	695	651	622	602
c.	Agriculture Soils	3,265	3,427	3,543	3,522	3,836	3,787	4,043	4,030	4,236	4,096	4,220	3,763	4,038	4,363	4,244	3,616	4,133	4,223	4,542	4,129
	Direct Sources	1,776	1,866	1,908	1,874	2,061	1,997	2,151	2,114	2,239	2,147	2,210	1,890	2,050	2,229	2,127	1,709	2,036	2,123	2,330	2,100
	Pasture, Range and Paddock Manure	309	318	352	363	381	406	419	441	446	444	457	472	485	513	537	551	554	510	507	474
	Indirect Sources	1,180	1,243	1,283	1,285	1,394	1,383	1,473	1,475	1,551	1,505	1,553	1,401	1,503	1,621	1,579	1,355	1,542	1,590	1,706	1,555
d.	Field Burning of Agricultural Residues	133	114	109	90	92	92	100	93	95	71	75	58	67	75	17	12	19	16	21	19

