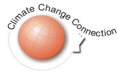


Agricultural (1990 - 2008)
Manitoba GHG Emissions

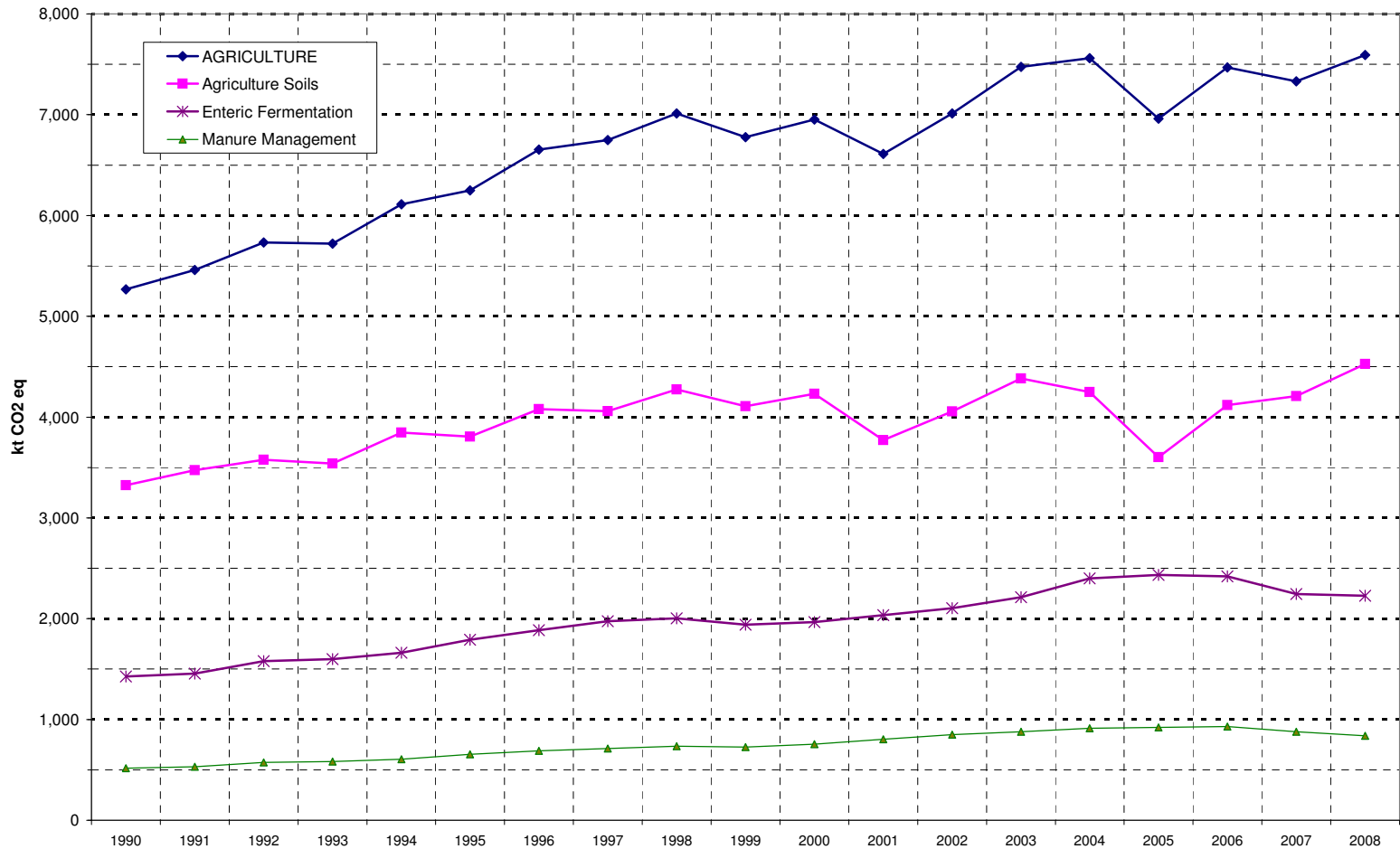


Greenhouse Gas (GHG) Source	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
AGRICULTURE	5,268	5,459	5,732	5,721	6,113	6,250	6,653	6,747	7,013	6,776	6,951	6,610	7,012	7,476	7,560	6,960	7,469	7,331	7,593
Agriculture Soils	3,325	3,472	3,578	3,539	3,846	3,805	4,079	4,060	4,275	4,109	4,230	3,771	4,057	4,384	4,247	3,603	4,118	4,209	4,527
Enteric Fermentation	1,426	1,455	1,579	1,600	1,661	1,790	1,886	1,976	2,002	1,941	1,966	2,035	2,105	2,214	2,400	2,434	2,421	2,245	2,226
Manure Management	518	531	575	581	606	655	688	712	736	726	754	804	850	878	913	922	930	877	840

Manitoba total GHG	18,600	18,300	18,500	18,500	19,000	19,800	20,600	20,100	20,500	20,400	21,200	19,600	20,400	21,100	21,200	20,800	20,900		21,300
Ag emissions as % of Manitoba total	28.3%	29.8%	31.0%	30.9%	32.2%	31.6%	32.3%	33.6%	34.2%	33.2%	32.8%	33.7%	34.4%	35.4%	35.7%	33.5%	35.7%		35.6%

All Agricultural increase 1990 - 2008 = 44%
Agricultural soils increase 1990 - 2008 = 36%

Enteric Fermentation increase 1990 - 2008 = 56%
Manure Management increase 1990 - 2008 = 62%



Source: Environment Canada, National Inventory Report, Greenhouse Gas Sources and Sinks in Canada

"kt CO₂ eq" means "kilotonnes of carbon dioxide equivalent". Normalizes the greenhouse effect of different gases so they can be compared. (Carbon dioxide = 1, Methane = 21, Nitrous oxide = 310)