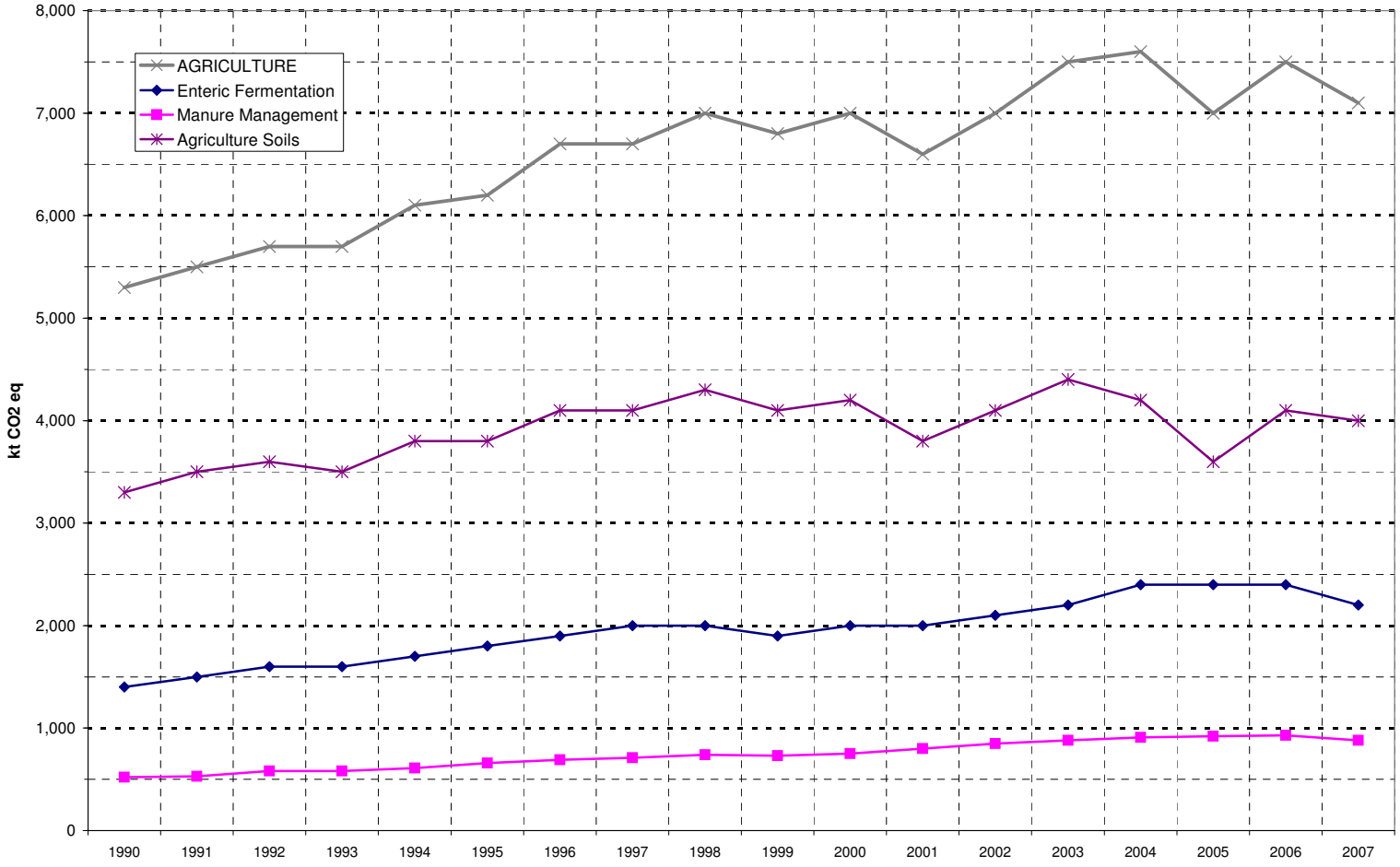
Agricultural (1990 - 2007)

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
AGRICULTURE	**5,300**	**5,500**	**5,700**	**5,700**	**6,100**	**6,200**	**6,700**	**6,700**	**7,000**	**6,800**	**7,000**	**6,600**	**7,000**	**7,500**	**7,600**	**7,000**	**7,500**	**7,100**
Enteric Fermentation	1,400	1,500	1,600	1,600	1,700	1,800	1,900	2,000	2,000	1,900	2,000	2,000	2,100	2,200	2,400	2,400	2,400	2,200
Manure Management	520	530	580	580	610	660	690	710	740	730	750	800	850	880	910	920	930	880
Agriculture Soils	3,300	3,500	3,600	3,500	3,800	3,800	4,100	4,100	4,300	4,100	4,200	3,800	4,100	4,400	4,200	3,600	4,100	4,000
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	28.5%	30.1%	30.8%	30.8%	32.1%	31.3%	32.5%	33.3%	34.1%	33.3%	33.0%	33.7%	34.3%	35.5%	35.8%	33.7%	35.9%	33.3%

All Agricultural increase 1990 - 2007 = 34%
Agricultural soils increase 1990 - 2007 = 21%

Enteric Fermentation increase 1990 - 2007 = 57%
Manure Management increase 1990 - 2007 = 69%



Source: Environment Canada, National Inventory Report, 1990-2007 - 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)