



# Farm management opportunities to mitigate GHG production - case studies

Understanding climate change and GHG emissions on farms



Scenario description	N leaching kg N/ha	GHG emissions t CO2 eq/ha	CH4 emissions t CO2 eq/ha	N2O emissions t CO2 eq/ha	Emissions intensity *
Base	19	10.7	6.1	3.6	9.4
Increase stocking rate 5%	19	10.8	6.1	3.6	9.6
Increase stocking rate 10%	20	10.8	6.1	3.6	9.9
High BW cows	17	9.9	5.6	3.3	8.7
Base + DCD	16	10.6	6.3	3.2	8.8
High BW cows + DCD	15	10.3	6.1	3.1	8.2

\* = kg CO2 equivalents / kg ms

- 10-15 % variation in emission intensity
- real and relevant to farmers
- explore practical opportunities
- farm efficiency

