

Green House Gas Project

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SFF Project

Sources of C on The Steyning

CO2 equivalents (kg/ha/yr) Petrol equivalents (l/ha/yr) % of total

Based on pastoral farm area only

Current farm

Methane from animals 2281

N₂O emissions 895

Excreta & effluent (direct) 641

Excreta & effluent (indirect) 253

N fertiliser (direct & indirect) 0

CO₂ emissions 82

Lime 0

N fertiliser 0

Fuel and electricity use 78

Other 3

Capital 100

Total 3358

What does it mean?

- 900 t of carbon for the farm (approx)
- Approx 50ha of canopy cover
- @ 10 t ha = 500 t
- Gives deficit of 400 t
- \$ 250 ha income for trees?
- Have yet to include soil carbon and fertiliser

Greenhouse gas graph

