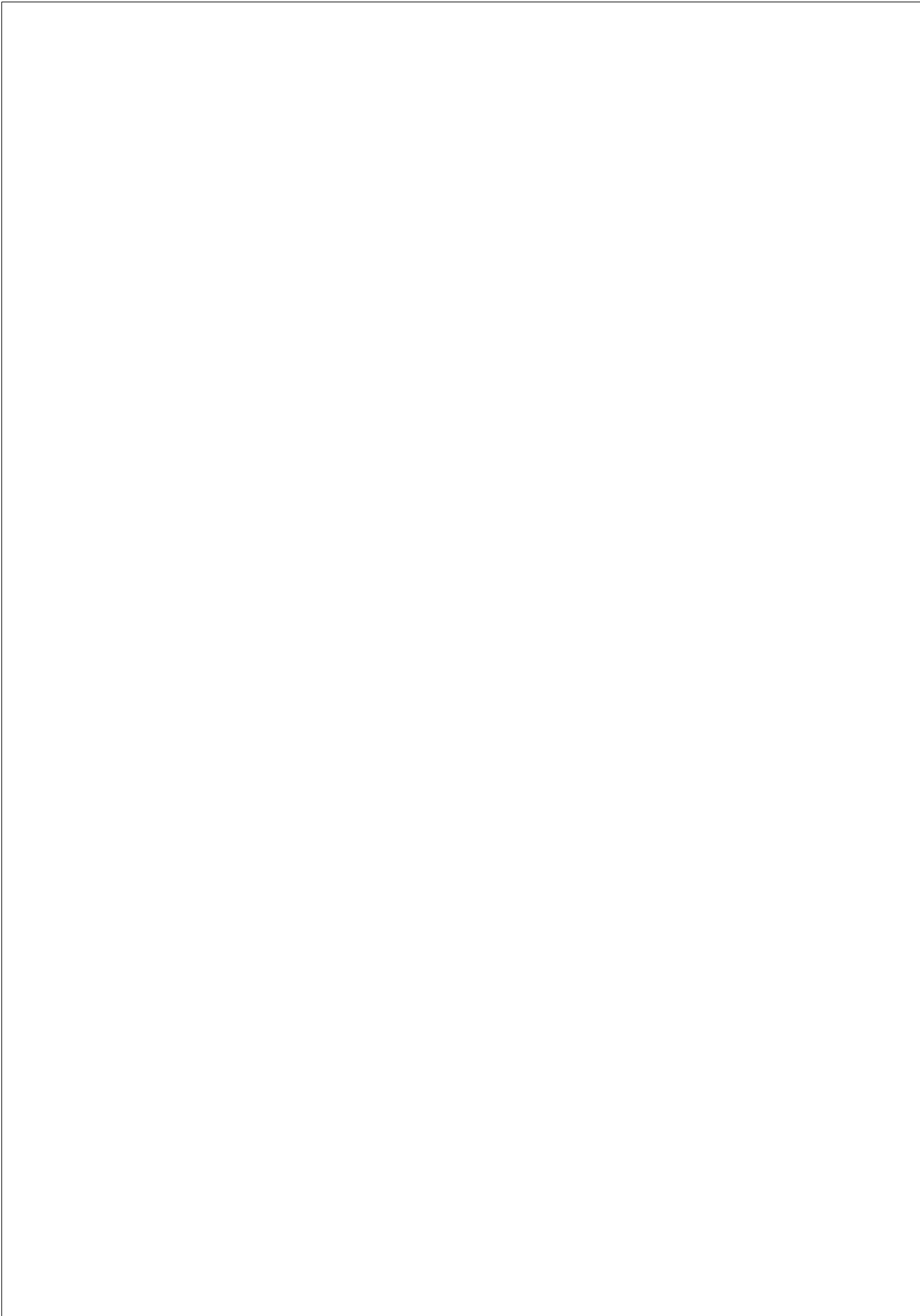


4 | Responding to a changing climate

OUR PLAN

Greenhouse gas and climate change values and goals

CC1



Current Areas of Woody Vegetation

CC2

Vegetated area type and description (native, exotic, shrubland)	Approx age or year of planting	Area (ha) Pre-1990	Area (ha) Post-1989	Approx canopy cover (%)	Annual sequestration if known (kg CO ₂ , provided from some calculators)	ETS eligible? Y/N	State (declining, static, improving)
TOTAL							

Areas of sequestration map

CC3

In this section please include a map of your farm to identify areas of sequestration. These may include planted forest blocks, native bush and scrub blocks and also other areas of woody vegetation such as waterway plantings and shelter belts. A useful way to do this is on a copy of your farm map or using an aerial photograph. Mapping can also be done online using various free tools and then printed out. These tools can also help to calculate the size of different areas.



Our Farm's Emissions and Sinks

Production/ Financial Year and Date Calculated	Emissions – Methane		Emissions – Nitrous oxide		Emissions – Carbon dioxide	Deforestation	Gross emissions	Sequestration or sinks	Net emissions	Tool used for calculations
	kgCH ₄ /ha/year	kgCO ₂ e/ha/year	kgN ₂ O/ha/year	kgCO ₂ e/ha/year	kgCO ₂ e/ha/year	kgCO ₂ e/ha/year	kgCO ₂ e/ha/year	kgCO ₂ e/ha/year	kgCO ₂ e/ha/year	

FP10.2021

Note - some tools only provide values for methane and nitrous oxide in CO₂e. Fill in what you can, CO₂e gives enough information to complete the calculations of gross and net emissions.

Climate change and Greenhouse gas emissions risk template

Climate change and GHG emissions risks	Potential risks on farm	Overall risk rating
Climate change impacts		
Risk to business		
Methane		
Nitrous Oxide		
Carbon dioxide		
Carbon sequestration		
Other		

Action plan to manage emissions and respond to climate change impacts

	Areas to consider	Action to address risk	Location, Land Management Unit or paddock	Timeframe or date implemented	Person responsible/ Others involved	Budget	Priority (Low, Medium, High)	Evidence of completion and storage location e.g. photo	Date completed
Eco-efficiency									
Methane									
Nitrous Oxide									

For more information, see Tables 4.1 - 4.5 in the 'Responding to a Changing Climate' chapter.

Action plan to manage emissions and respond to climate change impacts *Continued*

	Areas to consider	Action to address risk	Location, Land Management Unit or paddock	Timeframe or date implemented	Person responsible/ Others involved	Budget	Priority (Low, Medium, High)	Evidence of completion and storage location e.g. photo	Date completed
Carbon dioxide									
Carbon sequestration									
Climate change impacts									
Other									

For more information, see Tables 4.1 - 4.5 in the 'Responding to a Changing Climate' chapter.

Actions to date: Climate Change and Greenhouse Gas emissions management

	Areas considered	Action	Location or Land management unit (if applicable)	Date or year
Eco-efficiency				
Methane				
Nitrous oxide				
Carbon dioxide				
Carbon sequestration				
Climate change impacts				

For more information, see Tables 4.1 - 4.5 in the 'Responding to a Changing Climate' chapter.

Monitoring Plan - to manage emissions and respond to climate change impacts

Monitoring or review action	Evidence	Monitoring frequency	Due Date to monitor	Assessment	Person responsible	Notes	Date completed