

Climate Clever Beef

1. Improving beef business resilience



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What is Climate Clever Beef?

The Climate Clever Beef project aims to help northern Australian beef cattle businesses to improve their production efficiency and business resilience.

In doing so, beef businesses will be better equipped to improve their greenhouse gas emissions efficiency and manage their response to climate change risk while maintaining or improving their productivity.

Producers are being engaged through on-farm demonstrations that will equip them with the knowledge and tools to:

- **Evaluate** their business in terms of profitability, productivity, land condition, greenhouse gas emissions and climate change risk.
- **Identify and implement adaptation and mitigation practices** that will improve business resilience through improvement in profitability, productivity, land condition, greenhouse gas emissions and climate change risk.

A framework has been developed to analyse an individual business and identify options (Fig 2).

Management strategies

The benchmarking and evaluation approach can compare a wide range of adaptation, mitigation, business and marketing strategies.

Adaptation strategies focus on ensuring a resilient resource base for sustainable beef production through maintaining good land condition and improving poor land condition.

The adaptation strategies are:

- stocking rate management;
- wet season spelling;
- prescribed burning for woody vegetation management and
- improving grazing distribution through infrastructure development.

The mitigation strategies focus on ensuring an efficient herd to reduce greenhouse gas emissions and increase carbon sequestration. The mitigation strategies are:

- Improving breeder herd efficiency;
- Improving diet quality;
- Woody regrowth management.

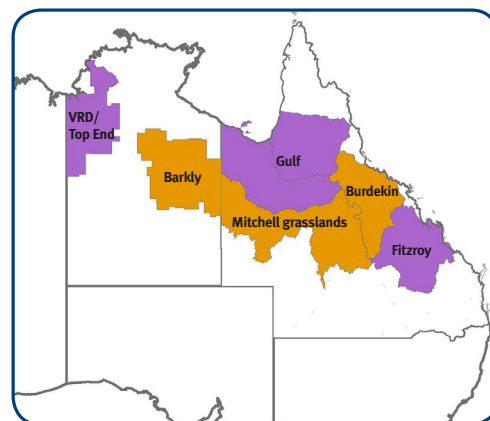


Fig 1. Climate Clever Beef regions. Fitzroy, Qld Gulf and VRD / Top End regions are evaluating strategies with expected greenhouse gas mitigation and climate change adaptation outcomes. Mitchell grasslands, Barkly and Burdekin regions are evaluating strategies with expected climate change adaptation outcomes.

1. Identification of industry and regional drivers
2. Description of business situation
3. Identification of management options
4. Analysis/trialing of management options
5. Review of results and documentation of learning

Fig 2. Framework to systematically assess which management options are likely to have the best mitigation and adaptation outcomes and improve business resilience.

More information

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