

Carbon farming in agriculture

The WANTFA Carbon Farming project is an Extension and Outreach Project supported by funding from the Australian Government. WANTFA was keen to have a project in this field because the objectives of carbon farming and emissions management in broadacre agriculture fit nicely within the aims and objectives of conservation agriculture and we recognise the implications of climate changes on farmers in Western Australia.

This project will identify and promote the synergies that exist between grower participation in the Emissions Reduction Fund (ERF) and profitable agricultural practices.

Carbon farming

Carbon farming practices are those that enable the capture and storage of carbon from the atmosphere in vegetation and soil and/or reduce greenhouse gas emissions (nitrous oxide and methane) from agricultural soils and livestock. Adoption of carbon farming practices is one option to help farmers to mitigate and adapt to climate change. Mitigation involves actions that are intended to reduce the magnitude of our contribution to climate change.

Practices that sequester carbon in vegetation

- Human-Induced regeneration
- Avoided clearing of native regrowth
- Native forest from managed regrowth
- Avoided deforestation
- Reforestation and afforestation
- Reforestation with Environmental or Mallee Plantings

Co-benefits of carbon farming practices

Revegetation has many benefits aside from promoting carbon sequestration. Areas planted on farmland can contribute to reduced salinity, improved water quality and improved ecosystem service provision

For more carbon farming information contact Jo Wheeler - 0419 753 248 or jwheeler@wheatbeltnrm.org.au