

Regenerative Agriculture

Supporting community-driven agriculture and environmental solutions



Australian Government

National
Landcare
Program



Regenerative Agriculture Community groups strengthen the health and vitality of farming communities by delivering on-ground projects and activities that improve soil health, enhance ecosystem services and increase community's resilience to climate variability.

The groups are supported by a local facilitator to assist with planning, delivering and reporting group activities. If you would like to be involved with one of these groups, please contact your nearest facilitator.



Figure 1: Tillage Radish

Project staff

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Go to the North Central CMA's website and [follow us](#) for event dates and workshops on various topics. [www.nccma.vic.gov.au]

This project is supported by the North Central CMA, through funding from the Australian Government's National Landcare Program.

Group Facilitators

Group facilitators coordinate events and on-ground activities.

If you would like to be involved, or know more about the project, contact:

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2021-22 Regenerative Agriculture Group Activities (all groups)

Soils

- Soil workshop – understanding soil biology and the soil testing process.
- Soil workshop - interpreting soil test results and using this knowledge as a basis for correcting soil imbalances and enabling those conducting field trials/demos to make better decisions.
- Soil amendments/ amelioration - understand the potential of integrating various soil amendments including biochar and compost into the soil, and trial non-farm manufacture and application. Farmers encouraged to undertake small on-farm trials with a view to improving yields and reducing wastage.
- Dung beetle workshop – using Dung beetles to improve soil health. Property visit.
- Establishing dung beetle nurseries – improving farmer capability to incorporate beetles as part of their regenerative system and enable local breeding of beetles.
- Erosion control workshop - overview of erosion processes and methods of mitigation/rehabilitation.



Grazing/Ground cover management

- Grazing management for nutrition.
- Grazing management to maintain ground cover – workshop and demonstration.
- Stock containment - electric fencing options, construction, moving livestock.
- Grazing naturally - practical intensive planned grazing.
- Holistic grazing introduction and demonstration. Principles of holistic or managed grazing will be reviewed, along with case studies and tools, including tissue testing.

Pasture/Ground cover management

- Improving lucerne-based pastures.
- Pasture variety trials and field visits.
- Multi-species cover crop trials, demonstrations and field walks. Improving knowledge and skill about pasture establishment and management and cover crop types (winter, summer) to help improve soil biology (fungi/bacteria, C:N), pasture nutrient density and balance, ensure maximum vegetation cover, retain moisture, smother weeds and to provide maximum photosynthetic capacity to build soil carbon.
- Perennial pastures - species options, establishment, management, value.
- Grass and pasture inventory - workshop followed by on-farm audits of prevalent grasses, forbs, natives, perennials and annuals.
- Bus tour of regenerative farms in south-west Victoria and the Mallee.

Biodiversity and Native Vegetation

- Native vegetation on farm – information session and farm walk.
- Increasing on-farm biodiversity - workshop and site visit.
- Pasture cropping for soil health – workshop and demonstration.
- Biodiversity demonstration sites of forage trees and shrubs suited to local environment that can be grazed by livestock.
- Revegetation workshop - shelterbelts, biodiversity and hydrology: understanding plant species that will improve soil condition (where and why), water retention and providing biodiverse habitat.
- Native Grasses workshop - to consider using native pastures in agricultural systems.

Climate adaptation

- Climate adaptation workshop.
- Soil carbon benefits – multi-species paddocks, deep-rooted perennials, stubble retention.
- Climate and soil moisture monitoring.
- Yield monitoring and Nitrogen management.

For more information

Telephone 03 5448 7124 or visit
www.nccma.vic.gov.au

