

The impact of compost on the growth and productivity of canola in central Victoria

Location: Boyds Rd, Newbridge, Victoria

Objectives:

- Evaluate the impact of compost and compost blends on canola crop performance by measuring plant response.
- Assess the benefits of repeat applications, with this trial marking the second annual application.

Background:

This ongoing trial began in April 2024 with the application of compost treatments prior to sowing a barley crop. The initial trial produced strong results, with yield increases of 31% from AgriGro and 20% from AgriGro+. In 2025, the trial continues on the same plots, applying the same compost treatments ahead of sowing a canola crop. This approach allows assessment of cumulative benefits from consecutive year applications.

Further Information

For detailed results from the 2025 barley trial, refer to [NewbridgeTrialReport-2024](#)

Crop Type: Canola

Soil Type: Red Clay Loam

Start date: 23/04/2025

End date: 17/12/2025

Treatments:

- Control – No compost applied
- AgriGro – Spread at 10m³/ha (6t/ha)
- AgriGro+ – AgriGro blended with 30% chicken manure

AgriGro is a high-quality base compost designed for broad agricultural use.

Trial Measurements:

- Establishment rate – Assessed once, 2-4 weeks post germination.
- Biomass and phenology – Monitored 2-3 times during the growing season.
- Grain yield – Measured at harvest

