

Enhancing soil health in south-western Victoria

Location: Blohms Rd, Byaduk, Southern Grampians Victoria

Objectives:

- Assess the economic viability of a three-year compost spreading program.
- Compare how rate of application impacts soil and plant response.

Background:

This ongoing trial began in April 2023, with soil tests collected in April 2024. The compost drastically improved soil tests results and led to rapid plant growth in amended plots.

What was once a pasture and hay paddock has now been transformed into a ryegrass seed producing paddock. This grower has since bought more compost for other areas of the farm.

Further Information

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

Crop Type: Ryegrass

Soil Type: Silty Loam

Start date: 23/04/2023

End date: 17/12/2025

Treatments: AgriGro is a high-quality base compost designed for broad agricultural use has been applied to each plot at the following rates (t/ha).

	2023	2024	2025	Total
Plot 1	0	0	0	0
Plot 2	15	0	0	15
Plot 3	10	0	5	15
Plot 4	5	0	5	10
Plot 5	3	0	3	6

Trial Measurements:

- Biomass and phenology – Monitored 2-3 times during the growing season.
- Soil tests – Measured in Autumn before spreading each year.