

# An Underground Revolution in South Gippsland: Soil Biology



**Aim:** A two year project that has encouraged farmers in South Gippsland to manage their soils by enhancing soil biology rather than relying on fertilisers.

**Why:** The traditional approach to soil management in South Gippsland involves continuous application of conventional fertilisers. This is expensive for farmers, has detrimental effects on soil biology and can harm the environment via run-off.

For more information: [www.sgln.net.au](http://www.sgln.net.au) [info@sgln.net.au](mailto:info@sgln.net.au)



## Process

- 30 farmers
- 30 demonstration plots
- multiple training sessions
- soil biology presentation by Dr Mary Cole
- regenerative grazing session with Graeme Hand
- multispecies workshop

## Treatments trialed

- aeration with Yeoman's plough
- aeration + mycorrhizal fungi
- aeration + humate/seaweed mix
- multispecies crop
- regenerative grazing across all plots

## Monitoring

- soil biology
- soil chemistry
- soil carbon
- soil compaction
- pasture quality

