# Biomix™ for Farmers

## What is Biomix™?

Biomix™ is a unique combination of organic waste products, which have been stabilized at 55°C at our Licensed facility in the Hunter Valley to create a high quality, soil amendment product.

## Did you know?

Biomix™ can be land applied in a similar way to compost. Prior to application, we will visit your site to assist with completing a simple checklist.

## Quality Controls

Ingredients delivered to site are formed into open windrows and undergo stabilisation via aerobic composting to meet the Biomix™ Specific Resource Recovery Exemption.

## What are the benefits?

Total Organic Carbon and Nitrogen are the primary beneficial components of the Biomix.

By increasing soil carbon and soil health, Biomix has positive impacts on water holding capacity and soil structure.

The Biomix can also act as a source of nutrients and micronutrients.

## Exciting results for 2021 preliminary trials in Hunter Valley:

**Field Trials** using Biomix™ compost spread at 23 tonnes/ha to amend on winter pasture have shown a **90% increase** in the mass of feed harvested from the areas applied with Biomix™ compared to unamended soils.

**Pot Trials** in winter trials of millet grown in containers amended with Biomix, 40% (10 tonnes per hectare application rate) and **96%** (50 tonnes per hectare application rate) **greater mass of wet feed was harvested from the pot amended with Biomix** compared to those with no treatment.

**Farmer review** "I top dressed Biomix at 23 tonnes/ha to an existing pasture. After good rainfall, the pasture leapt ahead." Ian Mead – Lorn 2021

## Composition of Biomix™

| Analysis | Unit | Fresh Poultry Litter* | Cattle Feedlot Manure* | Biomix Compost |
|---|---|---|---|---|
| TOTAL NITROGEN (N) | % | 2.6-5.0 | 2 | 1.6 |
| TOTAL PHOSPHORUS (P) | % | 0.2 | 0.8 | 1.1 |
| TOTAL POTASSIUM (K) | % | 1.0-2.8 | 2.3 | 0.02 |
| TOTAL SULPHUR (S) | % | | | 0.001 |
| TOTAL CALCIUM (Ca) | % | | | 9.4 |
| TOTAL MAGNESIUM (Mg) | % | | | 0.7 |
| pH | % | 5.8-8.1 | 7 | 6.7 |
| TOTAL ORGANIC CARBON | % | 28-36 | 16.4 | 16.9 |
| MOISTURE CONTENT | % | 21-36 | 20-54 | 44.3 |

**Contact us to discuss your obligation free site assessment.**




See overleaf for Frequently Asked Questions

**Contact Loop Organics on (02) 4464 1800 Email enquiries@looporganics.com.au**

**Website www.looporganics.com.au Address Lemington Rd, Ravensworth NSW 2330**

© Loop Organics Pty Ltd 2026

# Frequently Asked Questions

## What land is suitable for Biomix™?

Biomix™ is suitable for most farmland including grazing or cropping areas. It is also highly successful for the rehabilitation of degraded land.

## How much land do I need?

Typically, a minimum of 20 ha is needed.
Stock withholding periods apply for at least 30 days after using Biomix compost, so we recommend that you leave some areas of land for grazing during this time, if necessary.

## What buffer requirements apply?

- 50-150m buffers apply to drinking water bores
- 10-30m buffers apply to surface waters, dams, other bores, fence lines, animal enclosures significant vegetation and occupied dwellings.

## What are the application rates?

Application rates vary depending on your pasture or cropping needs. Typically, farmers apply between 10 – 60 tonnes per ha.
The Biomix can be applied as a top dressing or ploughed into the soil as part of a cropping cycle.

## How long can I store Biomix before application?

Biomix needs to be stored in a flat area away from critical habitat. Crown Land or in a Drinking Water Cropping or pasture amendment cycle so that spreading can happen as soon as possible after delivery to maximise the nutrient value of the product.

## Are there any areas where I can't apply Biomix?

If you live near a sensitive area such as a National Park, critical habitat, Crown Land or in a Drinking Water Catchment there may be restrictions as to where you can apply Biomix. We can help you with this assessment as part of our initial obligation free quote.

## Is there a cost involved?

Yes, please call us for a quote, which includes transport.

## Do you deliver the product?

Yes, we will organize transport of the product in trucks as part of the service. We just need to check there is suitable truck access and a safe tipping location in the paddock.

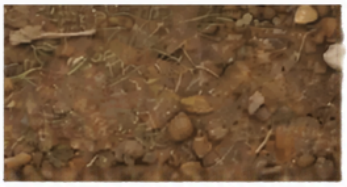
# Sample Tests



Oats grown with no amendment



Oats grown with Biomix™



Oats with mine spoil / no amendment



Oats with mine spoil / Biomix™

**Contact us to discuss your obligation free site assessment.**




Loop Organics on (02) 4464 1800 Email enquries@looporganics.com.au
Website www looporganics.com.au Address Lemington Rd, Ravensworth NSW 2330

© Loop Organics Pty Ltd 2026