

Bioboost[®] Fertiliser Users Guide for Bulk Customers

1. What is Bioboost?

Bioboost is a heat dried biosolid derived from the surplus micro-organisms grown in the Bioreactors at New Plymouth's Wastewater Treatment Plant. Following separation from the effluent water the micro-organisms are subjected to a high temperature thermal drying process. This process sterilises, palletises and dries them to greater than 90% dry solids.

Bioboost is produced in accordance with the "Guidelines for the safe Application of Biosolids to Land in New Zealand, August 2003" and is manufactured under a quality management system certified to ISO 9001 by Telarc.

2. Nutrient Value of Bioboost (Typical Analysis)

Nitrogen	6.0%	Calcium	1.0%	Copper*	0.02%
Phosphorous	2.5%	Sulphur	0.9%	Iron	0.6%
Potassium	0.5%	Magnesium	0.5%	Zinc*	0.05%

*Copper and Zinc levels are slightly above current guideline limits. Bioboost is therefore currently classified as an Ab biosolid.

3. Directions for use:

Bioboost Fertiliser should only be applied in accordance with good fertiliser application practice such as described in the "Code of Practice for Nutrient Management (With Emphasis on Fertiliser Use)" as published by the Fertiliser Association.

- The maximum recommended application rate for Bioboost is 200kgN/ha/year;
- The soil pH where Bioboost is applied should not be less than 5.5;
- Bioboost should not be applied within 20m of waterways or onto land where there is a likelihood of it entering water.

4. Industry & Regulatory Requirements:

Users should check industry and regulatory requirements before using Bioboost.

5. Recommended Health Precautions when using Bioboost:

Wash hands after handling.

Dust can be an irritant so minimise dust generation when applying and avoid breathing in.

Wear a mask if necessary. We recommend opening containers outdoors.

The Bioboost Safety Data Sheet is available on our website, www.bioboost.co.nz

6. Storage:

Bioboost will store for long periods provided it is kept dry. Store in enclosed bags or dry store.

7. Bioboost Fertiliser is manufactured by:

New Plymouth District Council, Liardet St., Private Bag 2025, New Plymouth, 4310.

8. Disclaimer:

New Plymouth District Council shall not under any circumstances be liable for any indirect, consequential or special costs, losses, damages or expenses suffered or incurred by the use of this product. Nor does it accept liability for the actions of users who do not follow the recommended precautions and application rates.