



Nutri-Life Bio-N™



Natural nitrogen captured from the atmosphere and converted to plant-available nitrogen in the root zone.

Nutri-Life Bio-N™ contains organisms capable of converting atmospheric nitrogen to ammonium nitrogen in the soil. *Azotobacter*, a free-living nitrogen fixer, can tap into the 74,000 tonnes of nitrogen gas hanging over every hectare. *Azotobacter*'s are also renowned bio-balancers and they secrete hygroscopic mucilage in the root-zone, which assists in retaining soil moisture. Nutri-Life Bio-N™ is a multi-award-winning microbe blend that is the product of thirty years of development, involving over 40,000 individual field trials. It has proven a reliable and consistent performer in Australian conditions since 1998.

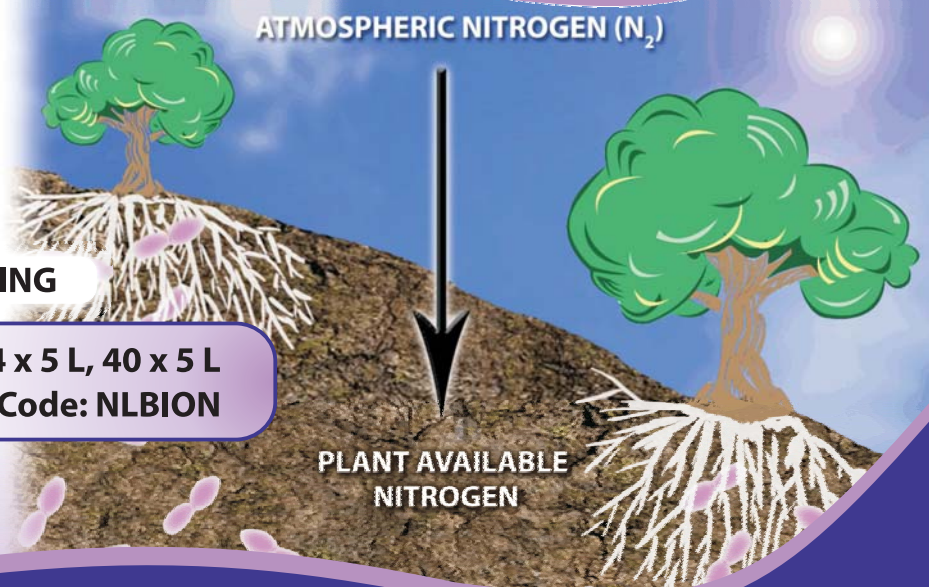
Benefits

- Biological Farmers of Australia (BFA) Registered Product 456AI.
- Access free atmospheric nitrogen.
- Increase yield and quality.
- Reduce soil erosion.
- Improve water retention.
- Enhance germination.
- Promote root growth.
- Phosphate release.



PACKAGING

1 L, 5 L, 4 x 5 L, 40 x 5 L
Product Code: NLBION



Nutri-Life Bio-N™



ALLOWED INPUT 456AI
**BFA
REGISTERED
PRODUCT**

Application Rates

Soil Application*:

Horticulture: 1 L per ha

Broadacre: 0.5 L per ha liquid inject at planting.

* All microbial products should be added to the tank last after all other inputs have been diluted. Apply in the late afternoon. Do not exceed 60 psi.

Seed Treatment:

Horticulture: 5 mL per kg of seed

Broadacre: 2 L per tonne of seed

Seedling Treatment: Dip seedlings in a solution of 1 mL per L

Note: For best results, include Nutri-Tech Triple Ten™ with Nutri-Life Bio-N™. The Triple Ten™ formulation includes all of the requirements to maximise microbial performance, including soluble phosphorus, iron, molybdenum and bio-stimulants including liquid fish and kelp.

Storage & Handling

Contains live organisms. Do not mix with fungicides / bactericides. Store in cool, dry place away from sunlight and below 30°C. May be stored in a refrigerator after opening for up to 3 months (DO NOT FREEZE), however, contamination may occur once opened. Gloves and breathing mask should be worn at all times when handling microbial products.

Typical Analysis

Contains *Azotobacter species*.

Miscellaneous

- Molybdenum, cobalt and iron are essential for nitrogen fixation.
- Nitrogen fixation is directly related to the 'activity' of the microbes. In hostile conditions (e.g. toxic soils, poorly aerated soils, soils with a poor calcium/magnesium ratio, etc) microbe activity can be compromised.
- Any added carbon from crop residues, animal manure, fish fertiliser or molasses will boost the 'nitrogen fixation' potential.
- Microbes do not need to be 'active' to have a significant effect on seed treatment and early root establishment due to the high plant growth promoting content of the product.
- Spray tanks and equipment for microbe brews must be extremely clean to prevent the proliferation of contaminants. Path-X™ is a powerful and safe biocide that is ideal for cleaning equipment. Simply dilute 100 mL with 10 L of water (1% solution) and apply, leaving the solution in contact with equipment for at least 10 minutes. Finally, rinse thoroughly several times with water.

Disclaimer: Any recommendations provided by Nutri-Tech Solutions Pty Ltd (NTS) or its Distributors are advice only. As no control can be exercised over storage, handling, mixing application or use, or weather, plant or soil conditions before, during or after application (all of which may affect the performance of our program), no responsibility for, or liability for any failure in performance, losses, damages, or injuries (consequential or otherwise), arising from such storage, mixing, application, or use will be accepted under any circumstances whatsoever. NTS recommend you contact an Agronomist prior to product application. The buyer assumes all responsibility for the use of any NTS products.



NUTRI-TECH SOLUTIONS P/L (NTS)

PO Box 338, Eumundi, QLD 4562, Australia

7 Harvest Rd, Yandina, QLD 4561, Australia

Ph: +61 7 5472 9900 Fax: +61 7 5472 9999

Email: info@nutri-tech.com.au

Web: www.nutri-tech.com.au

Your Local NTS Distributor: