

Nutri-Life Bio-P™

Bacteria which break free insoluble reserves of locked up phosphorus in agricultural soils.

All soils with a history of applied fertilisers contain large amounts of insoluble phosphate, due to the dynamics of the phosphate ion. Nutri-Life Bio-P™ is designed to solubilise those frozen reserves, utilising specialist *Azotobacter* species in conjunction with two other phosphate liberators - *Bacillus megaterium* and *Bacillus polymyxa*. The CSIRO have estimated that Australian soils contain ten billion dollars of applied phosphorus.

Benefits

- Promoted root growth
- Increased yield and quality
- Faster release of rock phosphate
- Increased brix levels
- Full-season phosphate promotion
- No withholding period.
- BFA applied - organic certification pending.



PACKAGING

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



Nutri-Life Bio-P™

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-P™. 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, *Bacillus megaterium* and *Bacillus polymyxa*.

Miscellaneous

- More phosphate will be released in soils with good calcium to magnesium ratio.
- Any added carbon from crop residues, animal manure, fish fertiliser or molasses will increase phosphate release potential. Note: the inclusion of crop-specific Nutri-Tech Triple Ten™ fertilisers with molasses, with the Nutri-Life™ Range, supplies most of the above requirements and boosts microbial performance.
- Aloe-Tech™ is a champagne microbe food which can boost the action of Nutri-Life Bio-P™.
- 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.



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