

NUTRI-LIFE BIO-P™

P-solubilising bacteria. 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 a phosphate liberator – *Bacillus subtilis*. The CSIRO have estimated that Australian soils contain ten billion dollars of applied phosphorus.

KEY PERFORMANCE

- Access locked-up phosphorus reserves
- Improve root health
- Contains N-fixing bacteria
- Promote root growth
- Increase yield and quality
- Faster release of rock phosphate
- Increase brix levels
- Full-season phosphate promotion
- No withholding period

GROWTH STAGE

- ✓ Pre-planting
- ✓ Planting
- ✓ Vegetative Growth
- ✓ Pre-flower, Flowering, Fruit Set & Fill

COMPOSITION:

Contains the species: *Bacillus polymyxa*, *Bacillus megatarium*

SIZES: 1L, 5 L

PRODUCT CODE: NLBIOP

ACO CERTIFICATION NO. 456



NUTRI-LIFE BIO-P™

APPLICATION RATES

SOIL APPLICATION

Horticulture

| | |
|------------------|------------------------------------|
| RATE | 1 L/ha |
| FREQUENCY | Apply every 4 weeks or as required |

Broadacre (liquid inject at planting)

| | |
|------------------|-------------------|
| RATE | 0.5 L/ha |
| FREQUENCY | Apply at planting |

SEED TREATMENT

Horticulture

| | |
|------------------|------------------------|
| RATE | 5 mL/kg of seed |
| FREQUENCY | Just prior to planting |

Broadacre

| | |
|------------------|------------------------|
| RATE | 2 L/tonne of seed |
| FREQUENCY | Just prior to planting |

SEEDLING TREATMENT

| | |
|------------------|---|
| RATE | Dip seedlings in a solution of 1 mL per L |
| FREQUENCY | Just prior to planting |

INSTRUCTIONS

Ensure compliance with your quality assurance code of practice regarding the use of microbial products before use.

IMPORTANT

Shake bottle well before use.

Contains live organisms. Do not mix with fungicides/bactericides, toxic chemicals or soil fumigants. Sanitise spray tank before application.

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

STORAGE & HANDLING

Read safety directions before use.

While handling, brewing and applying microbial products protective clothing, gloves and face masks should be worn. **Contains live organisms.** Avoid aerosols generated by aeration.

Store in cool, dry place away from sunlight and below 30°C (preferably under refrigeration).

Use as soon as possible after opening but if this cannot be achieved then refrigerate remainder immediately after use and use within 3 months.

Contamination of contents may occur at any time after opening and NTS takes no responsibility for opened product not used immediately.

DO NOT FREEZE.

*Disclaimer: Rates are dependent on biomass and water rates and should be used as a guide only. Application rates and frequencies should be adjusted according to crop monitoring and demand. Where higher water rates are required for good foliar coverage, do not exceed maximum product rate per hectare as listed on label. Sensitive plants, or foliage/fruit easily susceptible to staining, should be test sprayed prior to full scale application. Ensure suitable spray conditions (e.g. temperature, humidity, wind-speed), prior to foliar application. Compatibility and/or performance cannot be guaranteed when combined with other products. Jar test for compatibility and spray test on small area before wide-spread use. Refer to product label or PIS for alternate application rates.

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