

YLAD Living Soils *Putting life back into the land*

Boron Essentials™

Soil Balancing

Cropping

Pasture & Animal

Foliar & Fertigation

Liquid boron chelated with organic acids for enhanced plant uptake.



Description

Boron is the most leachable of all trace elements and consequently deficits are common. Boron is required as a calcium synergist and is very important in the early reproductive period of the crop cycle.

Nutri-Key Boron Shuttle™ offers complexed boron in a balanced formulation which covers the full spectrum of background nutrition.

Boron Essentials™ contains 3% boron organically chelated with fulvic acid and amino acids. This revolutionary mix of biological chelating agents improves plant uptake and assimilation of boron.

Benefits

- Australian Certified Organic (ACO) Registered Farm Input 456A1 (Restricted).
- 3% boron with natural chelating agents including fulvic acid and amino acids for enhanced uptake.
- Improve flowering & fruit-set.
- Perfect pre-bloom application.
- Includes natural plant growth and microbial promotants.



RESTRICTION: This product contains boron. Use is allowed only for a documented or observed need with a plan to avoid boron imbalances. Use outside this context may not be compliant with the Organic Standards.

Packaging

Available in the following volumes:

- 1L
- 5L
- 20L
- 200L
- 1000L



APPLICATION RATES

Foliar Spray:

Vegetables

0.5 L per 100 L water up to 2.5 L/ha equivalent
Apply twice prior to flowering or as required

Orchards & Vineyards

0.5 L per 100 L water up to 5 L/ha equivalent
Apply twice prior to flowering or as required

Ornamentals

0.5 L per 100 L water up to 3 L/ha equivalent
Apply twice prior to flowering or as required

Turf

0.5 L per 100 L water up to 3 L/ha equivalent
Apply every 4 weeks or as required

Broadacre Crops

0.5 – 1 L/ha in 60 – 100 L water, depending on canopy closure
Apply just prior to flowering or as required

Pasture

0.5 – 1 L/ha in 60 – 100 L water, apply as required

Spot-Spraying

25 mL per 10 L water, apply as required

Fertigation:

Vegetables & Ornamentals

3 L/ha, twice prior to flowering or as required

Orchards & Vineyards

3 – 5 L/ha, twice prior to flowering or as required

Turf

3 L/ha, every 4 weeks or as required

Home Garden Application:

Dilute 7.5 mL per 9 L watering can and apply the diluted mix at a rate of 1 litre per square metre. Do not apply more than 6 times per year without demonstrated trace element requirement.

STORAGE & HANDLING

- Read safety directions before use.
- Store in a cool dry area out of direct sunlight. This product has been tested to store safely down to 5°C. Crystallisation or sedimentation may occur below 5°C. Do not pre-mix or store in diluted form. Seal lid/cap immediately after use.

TYPICAL ANALYSIS W/V

Boron (B)	3.09%
Total Nitrogen (N) (as organic)	0.05%
Total Potassium (K) (as organic) SG	0.04%
pH	1.1
Conductivity	6.7 – 7.7
Appearance	10 – 30 mS/cm
	Brown liquid

INSTRUCTIONS

Shake or stir well before use. Where higher water rates are required for good foliar coverage, do not exceed maximum product rate per hectare. Sensitive foliage or plants should be test sprayed prior to full scale application. Frequencies are a guideline only and can be adjusted according to farm practices and/or in conjunction with crop monitoring. 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.

IMPORTANT

- This product contains 3% boron. Boron can be toxic to plants at high levels. Monitor plant levels of boron if applying on a regular basis or at high application rates. Consult your NTS Agronomist for application advice.
- Avoid spraying close to harvest if produce is susceptible to staining.
- **Note:** Product in 1000 L tanks may weigh over 1 tonne. Forklift with 2 tonne lifting capacity is recommended.