

# Boron Essentials™

**Liquid boron chelated with organic acids for enhanced plant uptake.**

Boron is essential for flowering, fruit/seed development, sugar transport and cell wall strength. Boron is also an important calcium synergist, governing the transport of calcium around the plant, which is critical for preventing crop quality disorders. Boron deficiencies are widespread particularly in light, sandy soils. Typical deficiency symptoms include low flowering rate, restricted pollination, leaf distortion, fruit deformity and increased disease susceptibility. Now you can address your boron requirements with an ACO Registered Farm Input.

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 456AI (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.

## PACKAGING:

1 L, 5 L, 20 L,  
200 L, 1000 L  
Product Code:  
BORESS



**ORGANIC  
TRACE  
ESSENTIALS**



# Boron Essentials™

## 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.

## TYPICAL ANALYSIS W/V

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

## 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.

## YOUR LOCAL NTS DISTRIBUTOR:

**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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