

# Nutri-Key Boron Shuttle™

The relationship between boron and pollen viability is so intimate that all crops should receive a foliar application of boron prior to flowering.

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.

## Benefits

- Boron is an anion and as such cannot be chelated. However, it can be complexed to reduce leaching and improve uptake, and this is the case in Boron Shuttle™.
- The perfect boron foliar for a pre-bloom application in all crops.
- Delivers all of the standard Shuttle benefits, including bio-stimulation.
- Boron influences the cell division potential of calcium during periods of rapid growth or fruit formation.



## PACKAGING

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



# Nutri-Key Boron Shuttle™

## Application Rates

### Foliar:

Minimum Dilution 1:100

Small Crops, Turf & Vines

2 - 4 L per ha

Orchard Crops

2 - 5 L per ha

Broadacre

0.5- 1 L per ha

### Soil Application:

3 - 5 L per ha

## Safety Directions - Poison

**Safety Directions:** Irritant, irritating to eyes and skin. When handling wear impervious gloves and eye protection. Keep locked up and out of reach of children.

**First Aid:** For advice contact a Poisons Information Centre (Ph: 131 126 in Australia), (Ph: 0800 764 766 in New Zealand), (Ph: +613 9573 3112 world wide) or a doctor. If swallowed induce vomiting if conscious. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of accident or feeling unwell, seek medical advice immediately (show the label where possible). If skin and hair contact occurs, remove contaminated clothing and flush skin and hair with copious amounts of water.

## Miscellaneous

- Use Nutri-Tech Plant Therapy™ to determine mineral requirements.

## Functions of Boron

- Involved in the synthesis of cell wall components.
- Increases calcium utilisation in the plant.
- Involved with pollen viability and good seed set.
- Important for good root development.
- Influences cell development and elongation of cells through control of polysaccharide formation.

## Typical Analysis w/v

Boron.....	4.8%
Iron .....	3100 mg/L
Manganese .....	1630 mg/L
Zinc .....	1840 mg/L
Copper.....	450 mg/L
Molybdenum .....	120 mg/L
Cobalt .....	60 mg/L
Sulphur.....	4100 mg/L
Magnesium.....	630 mg/L
Calcium .....	60 mg/L
Potassium (as fulvate).....	0.40%
Potassium (as silicate).....	0.04%
Total Potassium .....	0.44%
Total Nitrogen (as organic N).....	0.27%
Sodium .....	2.62%
Silicon .....	190 mg/L
Carbon as Shuttle Chelate .....	3.30%
pH.....	5.5 - 7.5
Conductivity.....	23 - 33 mS/cm
Specific gravity .....	1.18
Solubility .....	100 %

Appearance: Thick, brown liquid

## Storage & Handling

- 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. When combining with other chemicals, add this product to the tank last.
- Store in 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.
- Shake concentrate thoroughly before adding to partially filled tank.
- Shake or stir before use, especially when near empty to dissolve the residue on the bottom of the drum/bottle.
- Do not pre-mix or store in diluted form, and use promptly once opened.
- All foliar sprays perform best when applied early morning or late afternoon.
- WARNING: Avoid spraying close to harvest if fruit/vegetables are susceptible to staining.

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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## Your Local NTS Distributor: