

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

Note: Do not apply during flowering.

Soil Application:

3 - 5 L per ha

Miscellaneous

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

Safety Directions - Pison

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.

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	

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.

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NUTRI-TECH SOLUTIONS P/L (NTS)

PO Box 338, Eumundi, QLD 4562, Australia

7 Harvest Rd, Yandina, QLD 4561, Australia

Ph: +61 7 5472 9900 Fax: +61 7 5472 9999

Email: info@nutri-tech.com.au

Web: www.nutri-tech.com.au

Your Local NTS Distributor: