

Nutri-Key Boron Shuttle™

Soil Balancing

Cropping

Pasture & Animal

Foliar & Fertigation

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



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.

Benefits

- The perfect boron foliar for a pre-bloom application in all crops.
- Boron influences the cell division potential of calcium during periods of rapid growth or fruit formation.
- Contains “background nutrients” to avoid the problems that can occur when the correction of one shortage triggers another shortage due to the antagonistic effect of certain elements.

Packaging

Available in the following volumes:

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



APPLICATION RATES

Foliar Spray: (preferred application method)

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

Spot-Spraying

25 mL per 10 L water, apply 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.

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.

TYPICAL ANALYSIS W/V

Boron (B) (as sodium octoborate)	3.61%
Total Nitrogen (N) (as organic) Total	0.29%
Potassium (K)	0.51%
Potassium (as organic)	0.33%
Potassium (as hydroxide)	0.14%
Potassium (as silicate)	0.04%
Carbon (C) (as Shuttle® chelator)	3.38%
Sulfur (S)	0.53%
Iron (Fe)	0.31%
Zinc (Zn)	0.19%
Manganese (Mn)	0.15%
Magnesium (Mg)	928 mg/L
Copper (Cu)	490 mg/L
Molybdenum (Mo)	98 mg/L
SG	1.2
pH	6.4 – 7.4
Conductivity	20 – 40 mS/cm
Appearance	Brown liquid

IMPORTANT

- This product contains 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.