

Nutri-Key Tri-Shuttle ZIM™

Soil Balancing

Cropping

Pasture & Animal

Foliar & Fertigation

Precision fertilising is about managing specific shortages most efficiently. Cluster deficits are best addressed together.



Description

The Shuttle® system represents a dynamic new approach to nutrient delivery. Trace element deficits often occur in clusters. Nutri-Key Tri-Shuttle ZIM™ is designed to address the most common cluster – a shortage of the trio zinc, iron and manganese.

Benefits

- High levels of zinc, iron and manganese.
- Chelates and delivers more nutrition than previously possible.
- 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 as required

Orchards & Vineyards

0.5 L per 100 L water up to 5 L/ha equivalent
Apply as required

Ornamentals & Turf

0.5 L per 100 L water up to 3 L/ha equivalent
Apply 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

TYPICAL ANALYSIS W/V

Zinc (Zn) (as sulfate)	4.18%
Manganese (Mn) (as sulfate)	2.95%
Iron (Fe) (as sulfate)	2.38%
Total Nitrogen (N) (as organic)	0.63%
Total Potassium (K)	0.29%
Potassium (as hydroxide)	0.14%
Potassium (as organic)	0.11%
Potassium (as silicate)	0.04%
Carbon (C) (as Shuttle® chelator)	5.53%
Sulfur (S)	5.24%
Boron (B)	866 mg/L
Magnesium (Mg)	676 mg/L
Copper (Cu)	490 mg/L
Silicon (Si)	435 mg/L
Molybdenum (Mo)	98 mg/L
SG	1.3
pH	4.3 – 5.3
Conductivity	24 – 44 mS/cm
Appearance	Brown liquid

INSTRUCTIONS

Stir well before use. Rates and frequencies should be adjusted according to crop monitoring. 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. 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

- Not compatible with soluble calcium or phosphate based inputs.
- 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.