

NUTRI-KEY MANGANESE SHUTTLE™

Super available liquid manganese

Timing is the trick with trace mineral applications. Manganese is a reproduction booster and timing should reflect that feature. Manganese is often termed the seed energiser and it is an important element for seed germination and seed formation. Nutri-Key Manganese Shuttle™ offers chelated manganese in a balanced formulation that covers the full spectrum of background nutrition.

KEY PERFORMANCE

- 13% Mn plus background nutrition
- Superior Shuttle® chelation for enhanced uptake
- Improve flowering and seed formation

GROWTH STAGE

- ✓ Vegetative Growth
- ✓ Pre-flower, Flowering, Fruit Set & Fill

SIZES:

1L, 5 L, 20 L, 200 L, 1000 L

PRODUCT CODE:

NKMNS

TYPICAL ANALYSIS W/V:

Manganese (Mn) (as sulfate)	13.19%
Total Nitrogen (N) (as organic)	0.53%
Total Potassium (K)	0.27%
Potassium (as hydroxide)	0.14%
Potassium (as organic)	0.09%
Potassium (as silicate)	0.04%
Carbon (C) (as Shuttle® chelator)	4.70%
Sulfur (S)	8.15%
Iron (Fe)	0.31%
Zinc (Zn)	0.19%
Boron (B)	866 mg/L
Magnesium (Mg)	675 mg/L
Copper (Cu)	490 mg/L
Molybdenum (Mo)	98 mg/L
SG	1.5
pH	5.6 – 6.6
Conductivity	10 – 30 mS/cm
Appearance	Brown liquid



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APPLICATION RATES

Vegetables

FOLIAR SPRAY RATE	0.5 L per 100 L water up to 2.5 L/ha equivalent
FREQUENCY	Twice prior to flowering or as required

Orchards & Vineyards

FOLIAR SPRAY RATE	0.5 L per 100 L water up to 5 L/ha equivalent
FREQUENCY	Twice prior to flowering or as required

Ornamentals

FOLIAR SPRAY RATE	0.5 L per 100 L water up to 3 L/ha equivalent
FREQUENCY	Twice prior to flowering or as required

Turf

FOLIAR SPRAY RATE	0.5 L per 100 L water up to 3 L/ha equivalent
FREQUENCY	Every 4 weeks or as required

Spot-Spraying

FOLIAR SPRAY RATE	25 mL per 10 L water
FREQUENCY	As required

Seed Treatment

2 L/tonne of seed mixed with sufficient water to just coat the seed

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.

*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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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.

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