

# NUTRI-KEY MAGNESIUM SHUTTLE™

## Super available liquid magnesium

All crops should be supplemented with magnesium regardless of the soil levels. Magnesium is a central component of chlorophyll and as such it is required at luxury levels for all crops. In most leaf tests we analyse, magnesium is required and it should be an integral part of all crop programs.

### KEY PERFORMANCE

- 4.4% Mg plus background nutrition
- Superior Shuttle® chelation for enhanced uptake
- Improve photosynthesis and growth

### GROWTH STAGE

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

### SIZES:

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

### PRODUCT CODE:

NKMGS

### TYPICAL ANALYSIS W/V:

Magnesium (Mg) (as sulfate)	4.44%
Total Nitrogen (N) (as organic)	0.45%
Total Potassium (K)	0.31%
Potassium (as hydroxide)	0.14%
Potassium (as organic)	0.13%
Potassium (as silicate)	0.04%
Carbon (C) (as Shuttle® chelator)	3.90%
Sulfur (S)	6.24%
Iron (Fe)	0.31%
Zinc (Zn)	0.19%
Manganese (Mn)	0.15%
Boron (B)	866 mg/L
Copper (Cu)	490 mg/L
Molybdenum (Mo)	98 mg/L
SG	1.3
pH	5.7 – 6.7
Conductivity	33 – 53 mS/cm
Appearance	Brown liquid



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## APPLICATION RATES

### Vegetables

<b>FOLIAR SPRAY RATE</b>	1 L per 100 L water up to 5 L/ha equivalent
<b>FREQUENCY</b>	Every 2 weeks or as required

### Orchards & Vineyards

<b>FOLIAR SPRAY RATE</b>	1 L per 100 L water up to 7 L/ha equivalent
<b>FREQUENCY</b>	Every 4 weeks or as required

### Ornamentals

<b>FOLIAR SPRAY RATE</b>	1 L per 100 L water up to 5 L/ha equivalent
<b>FREQUENCY</b>	Every 2 – 4 weeks or as required

### Turf

<b>FOLIAR SPRAY RATE</b>	0.5 L per 100 L water up to 5 L/ha equivalent
<b>FREQUENCY</b>	Every 2 – 4 weeks or as required

### Spot-Spraying

<b>FOLIAR SPRAY RATE</b>	50 mL per 10 L water
<b>FREQUENCY</b>	As required

### Home Garden Application

Dilute 30 mL per 9 L watering can and apply the diluted mix at a rate of 1 litre per square metre. Apply fortnightly or as required.

## INSTRUCTIONS

**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.

## IMPORTANT

Not compatible with soluble 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

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.

\*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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