

Nutri-Key Magnesium Shuttle™

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.

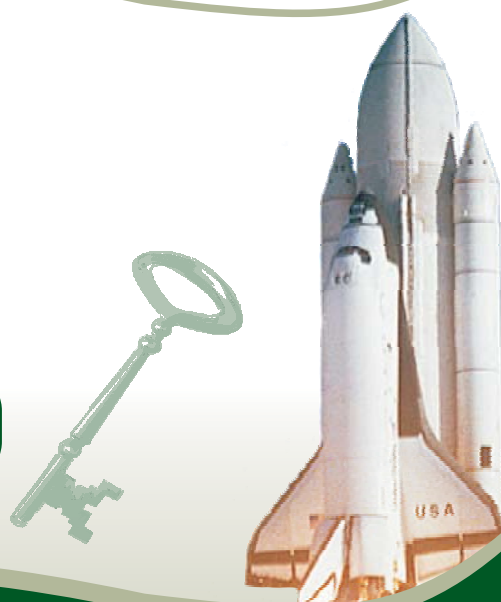
Benefits

- Magnesium is the core component of the chlorophyll molecule and is necessary for the synthesis of amino acids, vitamins, oils and sugars.
- Magnesium regulates the uptake of many elements and is vital for seed germination.
- Sequesters, chelates and delivers more nutrition than previously possible.
- Small molecular size increases chelation speed.
- In soil situations, Nutri-Key Magnesium Shuttle™ can continue to operate beyond the original quantity dosed, complexing and converting other dormant cations into usable plant foods (especially with low microbial activity).
- Also serves as a carbohydrate-based microbial promotant.
- All of the Shuttle™ range contains 'background nutrients' to avoid the problems which can occur when correction of one shortage triggers other shortages due to the antagonistic effect of certain elements.



PACKAGING

1 L, 5 L, 20 L, 200 L, 1000 L
Product Code: NKMGS





Nutri-Key Magnesium Shuttle™

Application Rates

Foliar:

Minimum Dilution 1:100

Small Crops, Turf & Vines

3 – 5 L per ha

Orchard Crops

5 – 7 L per ha

Soil Application:

10 – 20 L per ha

Functions of Magnesium

- An essential ingredient in chlorophyll (the vital green pigment required for photosynthesis).
- Promotes the uptake of phosphorous – the activator in several enzymic reactions.
- Important for protein and oil production.
- Controls cellular respiration (energy release).

Miscellaneous

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

Typical Analysis w/v

Magnesium	4.60 %
Iron	3800 mg/L
Manganese	1600 mg/L
Zinc	1820 mg/L
Copper.....	450 mg/L
Boron	750 mg/L
Molybdenum	120 mg/L
Cobalt.....	60 mg/L
Silicon	420 mg/L
Calcium	80 mg/L
Sodium	0.35%
Sulphur.....	6.44%
Potassium (as fulvate).....	0.046%
Potassium (as silicate).....	0.038%
Total Potassium	0.084%
Total Nitrogen (as organic N).....	0.42%
Carbon as Shuttle Chelate	3.93%
pH.....	5.5 – 7.5
Conductivity	39 – 44mS/cm
Specific gravity	1.25
Solubility	100 %
Appearance:	Brown liquid

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.



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: