



Knowledge grows

# YaraTera™ KRISTA™ MAG

YaraTera KRISTA MAG is a fully water soluble nitrogen and magnesium fertiliser. It is a free flowing, fine crystalline powder which dissolves quickly in water without any residues.

Product Specification			
Total N	11%	Solubility (20° C)	700g/l water
Nitrate-N	11%	EC (1 g/l at 25° C)	0.88 mS/cm
Magnesium (Mg)	9%	pH (1% solution)	6.5

### Importance of Nitrate Nitrogen

#### Directly available for plant uptake

Resulting in fast and predictable growth responses

Non volatile nor absorbed to soil particles, leaving it readily available to plants. The preferred nitrogen source for most horticultural and high value agricultural crops.

Improves the plant uptake of the cations magnesium, potassium and calcium.

### Importance of Magnesium

#### Cation balance

High potassium levels in the plant or soil will reduce the efficiency of magnesium, reducing crop yields and quality. Other cations such as ammonium, calcium, hydrogen (low pH) and aluminium can also reduce the availability of magnesium.

#### Photosynthesis

Magnesium is a major component of chlorophyll, which is essential for photosynthesis.

While Yara New Zealand has taken all reasonable care in the preparation of this Technical Sheet, the information is a guide only. It is advised that potential users read the products Safety Data Sheet prior to using the product, which is available on [www.yara.co.nz](http://www.yara.co.nz). There are no warranties, express or implied by operation of law or otherwise, including but not limited to any warranty as to merchantability or fitness for any particular purpose.

### Benefits

#### Ammonia free

YaraTera KRISTA MAG is ideally suited for applications in hydroponics as it is free of ammonium.

#### High purity fertiliser

YaraTera KRISTA MAG contains no elements detrimental to plants. It is free of chlorine compounds, sodium and heavy metals.

#### Fully soluble

YaraTera KRISTA MAG is a free-flowing, fine crystalline powder which dissolves quickly in water without any residues.

#### Compatibility

YaraTera KRISTA MAG can be mixed with all water-soluble fertilisers, except concentrated phosphate solutions.



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