



**PRODUCT INFO
& DATASHEET**

PROCHEL MAG 6 % Mg EDTA

High quality magnesium chelate with 6% Mg (10% MgO) for correction and prevention of magnesium deficiencies in all crops

1. PRODUCT DESCRIPTION & ANALYSIS

PROCHEL MAG contains: 6% Magnesium (100 gm MgO per kg) - Chelating agent ethylenediamine tetra-acetate (EDTA)
PROCHEL MAG is a high performance magnesium chelate for the correction and prevention of deficiencies to magnesium in all crops.

2. CERTIFICATE OF ANALYSIS

Composition & chelating agent:	Magnesium, with sodium ethylenediamine tetraacetate and citric acid
Specifications:	
Appearance:	Brownish powder
Odour:	Distinctive
Nitrogen Content:	Typically 6.5%
Metal content:	6% Mg (10% MgO)
Moisture content:	0.5% (500 ppm max)
Density:	975 – 1025 kg/m ³
Solubility:	100%
pH:	3.0–4.0 (when mixed 1% in water)

3. CROP APPLICATION

PROCHEL MAG can be applied with safety to all crops being grown for agricultural and horticultural purposes.

4. GENERAL RECOMMENDATIONS & DIRECTIONS FOR USE

* Foliar Applications: CEREALS, FIELD CROPS, VEGETABLES and SOFT FRUIT

Foliar Applied:	Maintenance dose	Moderate deficiency	Severe deficiency
Rate per hectare:	1.0 kg per hectare	1.0-1.5 kg per hectare	1.5-2 kg per hectare
No. of doses:	Two - three	Two - three	Two - Three
Timing of applications:	3 weeks after emergence, and at 2 week intervals.	3 weeks after emergence and at 2 week intervals	3 weeks after emergence and again at 2 week intervals.

Central pivot irrigation apply in doses of 1.0-1.5 kg per ha at 10-15 day intervals.

* Foliar Applications: FRUIT TREES, and other Permanent Crops.

Foliar Applied:	Maintenance dose	Moderate deficiency	Severe deficiency
Rate per hectare:	1.0 kg per hectare	1.0-1.5 kg per hectare	1.5-2 kg per hectare
No. of doses:	Three- four	Three-four	Three-Four
Timing of applications:	1st, post-blossom/main flowering, and then at 30 day intervals	1st, post-blossom/main flowering, and then at 30 day intervals	1st, pre-blossom. 2nd, post-blossom, and then at 30 day intervals

* Water volume: Trees and bush fruit: 500 to 1000 litres water per hectare.
 Vegetables and soft fruit: 200 to 600 litres water per hectare.
 Field crops: wheat, rice, maize, etc.: 200-400 litres water per hectare.

* When to Spray: To obtain the best results from your nutrition programme, do not apply foliar fertilizers during the heat of the day. Apply during coolest parts of the day - early morning or in the evening.

5. COMPATIBILITY

PROCHEL MAG is compatible with most agricultural products, however it is strongly recommended to use a jar test if some uncertainty is felt before large-scale mixing takes place.