



# SIGNATURE CHELATED MAG

## 5% Magnesium as Carboxylate Chelate

SIGNATURE CHELATED MAGNESIUM is formulated to give protection and availability to Magnesium. Magnesium applied to turf will assist the production of chlorophyll, thus giving a longer-lasting green appearance. Advantages that come with being in a chelated form is improved compatibility, availability and sustained turf green-up.

Magnesium, like all other nutrients is required in adequate amounts to sustain and promote quality turfgrass. Undoubtedly the most useful tool in maintaining Turfgrass colour without enhancing excessive growth is Iron. In combination with Iron, Magnesium completes the Chlorophyll cycle by being central to its structure.

Magnesium as a dissociated or dissolved ion will enter the turf via the leaf or the root system and form the central position in the Chlorophyll structure. The application of Magnesium will increase Chlorophyll production thus giving the green up required by Turfgrass managers. The choice of Magnesium then becomes as important as to what effect is wanted and how the product is to be applied. Chelated trace elements are designed to give protection in soil profile and tank mix applications.

The chelated magnesium will give maximum availability to the turf and greater control and flexibility to the operator. Signature Chelated Magnesium is formulated to maximise the availability of Magnesium, while protecting it from chemical attack, pH effects and soil lock up.

Signature Chelated Magnesium, like other products in the Signature Series, is formulated to cater for the special requirements of Turfgrass Management.

Common formulations of Magnesium Chelate are in the EDTA form. Because of Magnesium's' low molecular weight and low position for cation exchange EDTA does not present the best option and value for money to the turfgrass manager. Signature Chelated Magnesium is in the form of Hydroxy-Carboxylate, which caters to the unique properties of Magnesium while delivering the effect required. Specially formulated for Turf, Signature Chelated Magnesium offers flexibility, control and savings over competitive products.

### DIRECTIONS FOR USE: TURF

Rate: 200 - 500 mL / 100m<sup>2</sup>  
Apply as required for colour effect.

### APPLICATION NOTES:

Tees & Greens: 6 - 10 L water / 100 m<sup>2</sup>  
Fairways: 400 - 600 L water / Ha  
Apply early morning or late afternoon.

### PRODUCT ANALYSIS

Magnesium	(Mg)	as Carboxylate Chelate	<b>w/v%</b> 5.0
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### PRODUCT SPECIFICATIONS

S.G: 1.26  
pH (Neat): 6.0 - 7.0  
Appearance: Blue liquid  
Shelf Life: 3 years

### AVAILABLE PACK SIZES & WEIGHTS

5 Litre: 6.5  
20 Litre: 26.2  
200 Litre: 261.5  
1000 Litre: 1340.0