

# GMX CHELATED IRON

7% Iron as EDTA complex



PRODUCT IMAGE



MSDS QR CODE

1.28

PRODUCT S.G.

2.5

PRODUCT pH

400  
(80 Mesh)

NOZZLE COLOUR  
FOR OPTIMUM  
WATER RATE

GMX CHELATED IRON is formulated to give protection and availability to the Iron molecule when applied to the soil profile and leaf surface. Iron applied to turf will create the production of excess chlorophyll thus giving a longer-lasting deep green appearance.

Undoubtedly the most useful tool in maintaining Turfgrass colour without causing excessive growth is Iron. Iron as a dissociated or dissolved ion will enter the turf via the leave or the root system and form a carrier compound, (Ferredoxin) which is essential in the formation of Chlorophyll. The application of Iron will force turf to produce Chlorophyll in excess thus giving the green up required by Turfgrass managers.

Iron is also essential for the production of other enzymes involved in Oxidation and Reduction reactions. While the colour effect of Iron applications is what is sought after, the physiological role and resulting turf health because of Iron is equally important.

The choice of Iron then becomes as important as to what effect is desired and how the product is going to be applied. Chelated trace elements are designed to give protection in the profile and in tank mix applications. The Chelated Iron will give maximum availability to the turf, and greater control and flexibility to the operator. GMX Chelated Iron is formulated to maximise the availability of Iron, while protecting it from chemical attack; pH effects and soil lock up.

GMX Chelated Iron, like other products in the GMX Series, is formulated to cater for the special requirements of Turfgrass Management. Other formulations of Iron EDTA can commonly contain high percentages of Sodium as a by-product that will increase salt levels and compaction. GMX Chelated Iron has a di-ammonium salt as a by-product which will aid in the physical building of Chlorophyll. The formulation also contains an additional chelating agent called Hydroxy-Carboxylate, which strengthens the overall stability of Iron in the Ferrous and Ferric forms. It aids the availability of Iron in high pH conditions.

## ANALYSIS:

ELEMENT		Present As	W/V%
IRON	(Fe)	as EDTA/Carboxylate Complex	7

## DIRECTIONS FOR USE:

Use	Rate	Notes
TURF	200 - 500 mL / 100m <sup>2</sup>	Apply as required for colour.

## APPLICATION NOTES:

APPLICATION	Rate	Notes
TEES & GREENS	6 - 10 L water / 100 m <sup>2</sup>	Apply early morning or late afternoon.
FAIRWAYS	400 - 600 L water / Ha	