

# GMX MANGANESE EDTA

6% Manganese



1.26

PRODUCT S.G.

7.5

PRODUCT pH

GMX Manganese EDTA is a fully chelated EDTA complex to assist in the correction of manganese deficiencies in various turf situations.

#### THE FUNCTION OF MANGANESE

Manganese is essential as an enzyme activator which helps with nitrate assimilation. It is also primarily involved in photosynthesis and chlorophyll production.

#### THE FUNCTION OF EDTA CHELATES

A chelate is an organic structure which has ligands (fingers) that wrap around the individual trace element protecting it from chemical attack, decomposition and the influence of pH. The result of this protection is increased availability, solubility and stability, so no lock-up occurs in the soil or spray tank mix. The amount of ligands and level of protection will vary from chelating agent to chelating agent. The EDTA complex is unique, as it has four (4) ligand (finger) sites for chelation. This means the stability of these complexes across the trace element spectrum is extremely high under influences such as pH, temperature and decomposition.

#### ANALYSIS:

ELEMENT		Present As	W/V%
MANGANESE	(Mn)	EDTA Chelate	6.0

#### DIRECTIONS FOR USE:

APPLICATION	Rate	Notes
TEES & GREENS	30 - 50 mL / 100 m <sup>2</sup>	
FAIRWAYS	30 - 50 L / Ha	

#### APPLICATION NOTES:

APPLICATION	Rate	Notes
TEES & GREENS	6 L water / 100 m <sup>2</sup>	Apply as required to correct deficiencies.
FAIRWAYS	600 L water / Ha	