



HydraFlow

MANGANESE 6

6% Chelated Manganese EDTA

HydraFlow Manganese 6 is a fully chelated EDTA complex for the correction of manganese deficiencies in horticulture, orchards and vineyards.

The timing of Manganese applications is most critical to ensure maximum production and quality from any crop. Applications as early as possible in the plants growth cycle will ensure enough manganese is present to cater for the plants physiological needs. Manganese should be applied if deficiencies are already known.

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.

GUARANTEED ANALYSIS		W/V%	W/W%
Manganese	(Mn)	6.00	4.80

CROP	RATE: L/ Ha	WATER*
Vines	3 - 6	1 : 100 - 200
Broadacre	2 - 4	1 : 20 min
Vegetables	3 - 6	1 : 100
Tree Crops	4 - 8	1 : 100

A dilution of 1 : 100 means 1 part product : 100 parts water. In hot weather, use the higher dilution rate where applicable.