



HydraFlow

ZINC 10

10% Chelated Zinc EDTA

HydraFlow Zinc 10 is a fully chelated EDTA complex to assist in the correction of zinc deficiencies and maintenance of growth in horticulture, orchards, vineyards and broadacre cropping.

The timing of Zinc 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 zinc is present to cater for the plants physiological needs. Zinc should be applied if deficiencies are already known.

THE FUNCTION OF ZINC

Zinc forms part of the enzyme carbonic anhydrase, essential to maintain CO₂ levels for photosynthesis. Zinc also plays an important role in the synthesis of the plant hormone Indoleacetic acid from amino acids, which controls cell expansion, elongation and helps to initiate cell division.

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%
Zinc	(Zn)	10.00	7.50

CROP	RATE: L/ Ha	WATER*
Vines	2 - 5	1 : 100
Broadacre	1.5 - 3	1 : 20 min
Vegetables	2 - 4	1 : 100
Tree Crops	3 - 6	1 : 100 - 200

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