



HydraFlow

TRACES

Multi Trace Element Fertiliser

HydraFlow Traces is a high analysis multi-trace element fertiliser to assist in the correction of trace element deficiencies and to maintain growth in horticulture, orchards, vineyards and broadacre cropping.

The timing of trace element 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 trace elements are present to cater for the plants physiological needs.

Trace elements form the basis of the plant assimilating and benefiting from all nutrient applications. Most trace elements form Coenzymes with proteins to initiate many reactions within the plant. Without management of the trace elements require for growth, maximum yield and quality cannot be achieved.

THE FUNCTION OF IRON

Plants need iron to produce chlorophyll and to activate several enzymes, especially those involved in the oxidation / reduction processes of photosynthesis and respiration.

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 MAGNESIUM

Magnesium, like all other nutrients, is required in adequate amounts to sustain and promote quality crops. 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 plant via the leaf or the root system and form the central position in the Chlorophyll structure. The application of Magnesium will increase Chlorophyll production.

GUARANTEED ANALYSIS		W/V%	W/W%
Sulphur	(S)	6.40	5.00
Magnesium	(Mg)	2.00	1.60
Iron	(Fe)	2.00	1.60
Zinc	(Zn)	2.00	1.60
Manganese	(Mn)	2.00	1.60
Copper	(Cu)	1.500	1.20
Boron	(B)	0.50	0.40
Molybdenum	(Mo)	0.10	0.10

CROP	RATE: L/ Ha	WATER*
Vines	4	1 : 100 - 300
Broadacre	2 - 8	1 : 25 - 30
Vegetables	2 - 4	1 : 100 - 200
Tree Crops	3 - 5	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.