



# HydraFlow

# MOLYBDENUM

25% Molybdenum, 25% Phosphorus

HydraFlow Molybdenum is a highly concentrated liquid Molybdenum source which will assist in the correction of deficiencies and maintaining growth in horticulture, orchards, vineyards and broadacre cropping.

The timing of Molybdenum 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 molybdenum is present to cater for the plants physiological needs. Applications of HydraFlow Liquid Molybdenum to soil prior to planting can as effective as post emergent foliar applications. Only very small amounts of molybdenum need to be added to be effective. Even distribution of these small amounts of molybdenum is the key to successful applications. HydraFlow Molybdenum will ensure this will be effective.

### THE FUNCTION OF MOLYBDENUM

The element Molybdenum is essential for the chemical changes involved with nitrogen assimilation i.e the conversion of nitrate to ammonium inside the plant. It is therefore important for chlorophyll and enzyme formation.

### THE FUNCTION OF PHOSPHORUS

Phosphorus acts as a structural component of nucleic acids, and phospholipids, which form, plant membranes. It is also important in cell division, and energy transfer due to the formation of ATP and ADP. Lack of growth in shoots and roots is symptomatic of phosphorus deficiency. Phosphorus can be affected by pH, Phosphate retentive soils and low phosphorus reserves.

GUARANTEED ANALYSIS		W/V%	W/W%
Phosphorus	(P <sub>2</sub> O <sub>5</sub> )	25.20	16.10
Molybdenum	(Mo)	25.00	15.90

CROP	RATE: L/ Ha	WATER*
Vines	200 - 400	1 : 1000
Broadacre	200 - 500	1 : 500 - 700
Vegetables	200 - 400	1 : 250 - 500
Tree Crops	200 - 500	1 : 1000 - 2000

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