



HydraFlow

Hi CAL MB

10 - 0 - 0 N-P₂O₅-K₂O + 17% Ca, 4% Mg, 0.1 % B

HydraFlow Hi Cal MB is a calcium, magnesium and boron clear liquid concentrate to assist in the correction of deficiencies, strengthen cell walls and assist sugar translocation in fruit and vegetables.

The timing of Calcium applications is most critical to ensure maximum production and quality from any crop. Applications at petal fall/fruit set onwards will ensure enough calcium is present to cater for the plants physiological needs. The application of calcium needs to be on a regular basis to ensure fruit remains firm and viable before and after harvest. The Magnesium present will ensure chlorophyll production is maintained during the fruit fill stage while the Boron will assist in sugar translocation.

Foliar application of calcium is a perfect supplement the basal fertiliser program. Calcium is immobile within the plant which is necessary to give strength and structure. Leaf and fruit both have calcium requirements; therefore regular applications of foliar calcium will lead to overall better quality and yield.

THE FUNCTION OF CALCIUM

Calcium forms the major constituent of cell walls and membranes. It plays an important role in cell division and growth development. In addition cells are protected from toxins and the ageing process is retarded.

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%
Nitrogen	(N)	10.00	6.60
Calcium	(Ca)	17.00	11.20
Magnesium	(Mg)	4.00	2.60
Boron	(B)	0.10	0.10

CROP	RATE: L/ Ha	WATER*
Vines	3 - 5	1 : 100
Vegetables	4 - 6	1 : 100 - 200
Tree Crops	4 - 8	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.