



# HydraFlow

# CALCIUM 40

40% Calcium, 2% Nitrogen

Flowable Life Calcium 40 is a high analysis suspension liquid calcium with added nitrogen to assist the correction of calcium deficiencies and strengthening plant cell walls.

Flowable Life Calcium 40 is made from micro fine purified oxides in a suspension form. This product offers very high analysis in an elemental form to cater for plants physiological requirements. Micro fine oxide suspensions have a very low salt index and will not cause any phototoxic problems to young or developing foliage.

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 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 NITROGEN

Nitrogen is the major building block in protein and chlorophyll. It is also essential for lipid and cytoplasm formation. Highly mobile in the plant, nitrogen is translocated to new growth. Yellowing of leaves and stunted growth are the main deficiency symptoms.

GUARANTEED ANALYSIS		W/V%	W/W%
Nitrogen	(N)	2.00	1.20
Calcium	(Ca)	40.00	24.20

CROP	RATE: L/ Ha	WATER*
Vines	5	1 : 100 - 200
Broadacre	3 - 5	1 : 50 - 100
Vegetables	3 - 5	1 : 50 - 100
Tree Crops	3 - 4	1 : 100 min

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