

GROCCAL MGB[®]

17% Calcium, 10% Nitrogen, 4% Magnesium

High analysis calcium suspension for correction of calcium deficiencies & strengthening cell walls in fruit and vegetables

GROCCAL MGB[®] is a specially formulated liquid calcium with added magnesium, boron and nitrogen and rapid uptake qualities which will correct calcium deficiencies.

THE ROLE 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.

CALCIUM DEFICIENCY

CALCIUM has poor mobility and most symptoms are seen at the growing points of a plant such as 'Tipburn' in lettuce, 'Bitter Pit' in apples and 'Blossom End' rot in tomatoes. Produce becomes 'spongy' as cell walls breakdown.

BENEFITS OF GROCCAL MGB[®]

- Improves firmness, size and quality of fruit
- High analysis, liquid formulation
- Contains high amounts of magnesium & boron
- Corrects major deficiency problems

GUARANTEED ANALYSIS (w/v%)

Calcium (Ca)	17.0
Nitrogen (N)	10.0
Magnesium (Mg)	4.0
Boron (B)	1.0
Manganese (Mn)	0.0195
Copper (Cu)	0.0021
Iron (Fe)	0.0264
Cobalt (Co)	0.0010

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DIRECTIONS FOR USE

AGITATE CONTENTS WELL BEFORE DILUTION

SUITABLE FOR APPLICATION BY: Boom spray, trickle, under tree sprinkler or aerial

CROP	RATE / Ha	WATER RATIO*	COMMENTS
APPLES	5 - 7 L	1 : 50 - 100	Apply 1 L / 150 L with first post blossom spray. Continue every second pesticide spray (up to 40 L / season) at 6 L / 1000 L
BANANAS	2 - 5 L	1 : 100	3 L every 2 weeks or monthly in a tank mix with usual crop spray
BRASSICAS	6 L	1 : 50 - 100 **	Apply with normal crop spray prior to head formation
CEREALS	3 - 5 L	1 : 50 **	Apply with crop sprays to assist growth and prevent trace element deficiencies
CITRUS	4 - 8 L	1 : 50 - 100	Prior to blossom, at petal fall, and further applications as required
FIELD CROPS COTTON, PEAS, HOPS, SOYABEANS, POTATOES, PEANUTS, SUNFLOWER, TOBACCO etc.	3 - 5 L	1 : 50 **	With normal crop sprays Suitable for aerial application
LETTUCE	3 L	1 : 100 - 200	Apply with normal crop spray prior to head formation
TOMATOES	3 L	1 : 100	Monthly or with normal crop sprays
TROPICAL FRUIT	2.5 - 5 L	1 : 200	Spray before blossom, further applications with normal spray programme as required
TURF	200ml / 100m ²	1 : 100 - 200	As required. For bent grass under hot conditions, use 1 : 200
VEGETABLES	4 - 6 L	1 : 100 - 200	Monthly in a tank mix with usual crop sprays
VINES & ORNAMENTALS	2 - 4 L	1 : 100	Apply prior to flowering, further applications at regular intervals

* **WATER RATIO:** A dilution of 1 : 100 means 1 part product : 100 parts water. In hot weather, use the higher dilution rate where applicable** **AERIAL APPLICATION:** use maximum practical water rates.

STANDARD MIXING & SPRAYING INSTRUCTIONS

- 1 Fill tank to minimum of half volume
- 2 Add compatible chemicals as required maintaining agitation
- 3 Stir and/or agitate well
- 4 Add AGRI-WET 1000 at 10 - 40 mls, LO-FOAM wetter at 30 - 100 mls, SUPA-STIK, AGRI-BUFFA or SUPA LINK as required per labelled instructions
- 5 Add fertilisers and compatible trace elements as required
- 6 Bring volume to full with water while maintaining agitation

NOTE: The above suggested rates of application are designed for typical Australian conditions and as such should be used as a guide only. Each farmer's climatic conditions, water quality, soil types, application processes and practices may differ and therefore necessitate corrections to ensure optimum results. Good agricultural practice requires that applications be avoided under extreme weather conditions such as temperatures over 30°C, high humidity, frost, rain etc. It is recommended that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total crop spray. Where possible, it is recommended that regular leaf (sap) tests are conducted to determine actual plant nutrient availability during each growing cycle. Soil tests at least once per year are essential.

COMPATIBILITY:

GROCAL MGB® is compatible with a wide range of commonly used spray chemicals. When mixing with other chemicals, always mix a small quantity and check for precipitate (fall out) in mixture. If precipitation occurs, DO NOT proceed with application. MIX ENOUGH GROCAL MGB® FOR 1 DAY'S APPLICATION. DO NOT STORE GROCAL MGB® MIXED WITH WATER OR OTHER CHEMICALS

AGRICHEM MANUFACTURING INDUSTRIES P/L

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