



InBio LIME

A highly concentrated fully water dispersible liquid fertiliser containing a high percentage of Calcium to ensure strong early plant development.

PRODUCT SPECS

Active Agents	Calcium
Agent Type	Liquid Fertiliser
Specific Gravity	~1.60
Colour	Cream suspension

PRODUCT USES

- › Helps early stage plant development.
- › Treat deficiencies in Calcium
- › With a 2 μ particle size suitable for fertigation and as a foliar.

DESCRIPTION

InBio LIME is a highly concentrated fully water dispersible liquid fertilizer high in calcium for strong early plant development. **InBio LIME** is formulated with a 2 μ particle size to increase availability and uptake, suitable for fertigation and as a foliar to provide essential crop nutrition from the pre-bud to post harvest stages and is safe to use during flowering.

WHY IS LIME USEFUL TO FARMERS?

Calcium is the primary building block of the cell walls and membranes without which cell division will be adversely affected, and structural stability and permeability of the cell walls will suffer. Calcium is the main transport mechanism for nutrients and boron is used for the placement of these nutrients in the plant.

Improves Flower and Fruit Quality

Results show that increasing available calcium to the crop promotes longer shelf life, and reduced bruising. Problems such as cracking, splitting, water core, bitterpit, internal browning, blossom-end rot in tomatoes and soft-bottom in melons are avoided.

Deficiency Symptoms

- › Yellowing, browning and dying of leaf tips
- › Misshapen, curled or small leaves
- › Poor root growth and development
- › Fruit disorders such as blossom end rot, bitter pit or cork spot
- › Increased wilting and susceptibility to drought stress
- › These symptoms usually appear on the younger or rapidly growing parts of the plant first, as calcium is not very mobile within the plant.



Blossom end rot of tomato



Calcium deficiency on lemon leaves

ANALYSIS

Element	(w/v)%
Calcium (Ca)	35

BENEFITS OF USING GYPSUM

- › Synergistically formulated to ensure essential crop nutrition, especially from the pre-bud stage right through to post harvest.
- › Safe to use formulation that can be used during flowering.
- › Calcium is required for synthesis of cells in the growing pollen tube and determines direction of growth of the pollen tube.
- › Added Magnesium to improve chlorophyll production, especially in new leaf.
- › Can be applied with a wide range of other agricultural chemicals.

STORAGE

Storage temp.	5-30°C
Conditions	Dark and dry
Max storage time	36 months

Do not freeze. Store upright in original container. Refer to MSDS.

PACKAGING

Pack Size	20L
	1L

COMPATIBILITY

InBio LIME is compatible with a wide range of agricultural products. If unsure of tank mixes always conduct a jar test and test spray a small area of the target crop. For the latest results of compatibility tests please contact your retailer.

If there are any questions about the product, please contact a Dudutech specialist in your area. Dudutech Integrated Pest Management Ltd is a distributor of **InBio LIME** and other **InBio** plant nutrition products.



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APPLICATION CHART - FOLIAR, FERTIGATION & AERIAL APPLICATION

Crop	Rate/ha	Min Dilution	Comments
AVOCADOS, MANGOES	4 - 5L	1:50	Apply at bud break and spring flush with follow-up applications through fruit fill as required
BANANAS	2 - 5L	1:100	Apply 3 weeks prior to belling. Should be applied every second week to accommodate the high calcium demand of bananas. Apply in a tank mix with compatible crop sprays.
CITRUS	3 - 7L	1:50	Apply 3 weeks prior to blossom with further applications 2 – 3 weekly from petal fall in oranges and monthly in other citrus fruits up to 3 weeks prior to harvest
KIWI FRUIT	4 - 5L	1:50	Apply 2 weeks prior to bud formation with follow up applications as required during fruit fill
ORNAMENTALS	1 - 3L	1:100	Apply at 4 - 5 leaf stage
OLIVES	4L	1:50	Apply first application 3 weeks prior to bud formation and then from fruit set onwards at monthly intervals
PAW PAWS	4 - 5L	1:50	Apply 2 weeks pre-bud with follow-up sprays from fruit fill onwards as required
PINEAPPLES	3 - 5L	1:50	Apply 3 weeks prior to bud formation with further applications as required
POME AND STONE FRUIT	4 - 7L	1:150	Apply at early spur burst, complete petal fall and post blossom as required
STRAWBERRIES	2 - 4L	1:100	Apply 2 weeks prior to bud formation with further applications fertigated as new flushes appear
TOMATOES	3L	1:100	Apply every 14 – 21 days from 6 leaf stage onwards to avoid blossom end rot.
TROPICAL FRUIT	3 - 5L	1:200	Spray before bud formation. Further applications with compatible spray programmes as required
VEGETABLES (with Fruit): CAPSICUM CUCUMBER	3 - 6L	1:100	First application 2 weeks prior to budding with follow-up applications as required
VINES: TABLE GRAPES WINE GRAPES	2 - 4 L	1:100	Apply 1st application one week prior to bud formation with further applications at regular intervals up to veraison. Do not exceed 4 times the label rate. Use double rate post harvest, before leaf fall
Soil Injection	2 - 5 L	1:5 with UAN 1:10 without UAN	Soil injection into furrow
Pasture	5 - 20 L	1:20	Broadcast onto Pasture

NOTE:

- › All suggested application rates are for typical Australian conditions, and should be used as guidelines only. Individual conditions; climate, water quality, soil type and application practices may differ necessitating corrections to ensure optimum results.
- › Ideally, brix or leaf tests should be conducted on a regular basis to determine plant nutrient levels at each growth stage. It is highly recommended to conduct soil tests at least once a year.
- › Avoid application under extreme weather conditions; temperatures over 28 C, high humidity, frost or rain. - Apply using a minimum of at least the labelled dilution rate to avoid potential leaf burn.
- › It is advisable, when applying for the first time or in conjunction with other products, to spray an initial small test area for observation before general application.

MIXING:

To ensure even mixing, half fill the spray tank with clean water and add the required amount of product. Agitate thoroughly then add the remainder of the water. Agitate thoroughly while carrying out spray operations. Reseal part-used containers immediately after use.

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