

# GroMATE

## BIOSTIMULANTS

### TECH SHEET

GroMATE is a high-performance soil enhancer designed to revitalise soil health, boost microbial activity, and strengthen root development. With 20% humic acids and plant peptides, it improves nutrient retention, aeration, and long-term plant resilience.



### PRODUCT FEATURES

- 20% Humic acids improve soil structure, water retention, and nutrient availability
- Protein hydrolysate (plant peptides) enhances microbial activity and root growth
- Chelated micronutrients ensure efficient nutrient uptake for strong, healthy plants
- Supports beneficial microbes to promote long-term soil fertility and resilience
- Sustainable soil health for long-term plant growth and resilience

### FUNCTION

GroMATE works by enhancing soil structure, improving microbial diversity, and increasing nutrient availability to create an optimal environment for plant growth. The high humic acid content helps bind nutrients, improve moisture retention, and prevent leaching, ensuring essential elements remain accessible to plant roots. Plant peptides and bioactive compounds further stimulate root growth, increase microbial activity, and enhance soil aeration, leading to stronger, more resilient plants. By fostering a balanced underground ecosystem, GroMATE supports sustained soil health and long-term plant vitality in landscapes, gardens, and commercial plantings.

### SIZES

20 Litre, 200 Litre, 1000 Litre

### ANALYSIS

ANALYSIS	% W/V AUST.	% W/W INT.
Nitrogen as Polypeptides and Amino Acids	1	0.88
Potassium as Organic Salt	1.8	1.9*
Biostimulants	45.65	40
as Humate	20	17.5
as Microbial Metabolites	20	17.5
as Polypeptides and Amino Acids	5.6	4.96
as Saponins	0.05	0.04
Vitamins		
as Vitamins B6	0.3	0.26
as Vitamins B10	0.01	0.088
as Vitamins B2	0.003	0.0026

\*Expressed as  $P_2O_5$  &  $K_2O$

### PRODUCT CHARACTERISTICS

COLOUR	S.G.	pH
Dark Brown	1.12 - 1.16	4.2 - 5.2

### APPLICATION RATES

USE	RATE / HA	DILLUTION	APPLICATION
Avocados	Foliar 4 - 6 L Fertigation 6 - 9 L	1:100	Apply preflower, and again 4-6 weeks after if deficiencies shown
Bananas	Foliar 2 - 4 L Fertigation 3 - 6 L	1:100	Apply from early growth to belling or as required
	Foliar 3 - 6 L Fertigation 3.8 - 7.5 L	1:100	Apply at spring flush
Macadamias	Foliar 2 - 3 L Fertigation 3 - 5 L	1:100	Apply mid season, preflower and post flower
Tropical/subtropical fruit, pome, stone fruit	Foliar 4 - 6 L Fertigation 3.8 - 7.5 L	1:100	Apply at green tip and post harvest in apples, pink bud and post harvest in stone fruit In tropical fruit trees, apply to active growing flush and post harvest
Mangoes	Foliar 3 - 5 L Fertigation 4 - 7.5 L	1:100	Apply pre inflorescence development and if deficiencies shown
Vegetables	Foliar 2 - 4.5 L Fertigation 3 - 6 L	1:100	Apply at 2-4 leaf stage in beans and at early stages of growth for other vegetables

### OTHER INFORMATION

This product may also be foliar applied via boom spray, aerial or sprinkler with sufficient water to cover leaves and fruit. Rates can vary by crop, soil type nutrient deficiency and other factors. Use higher rates for ground / irrigation applications. This product may be soil applied using irrigation system via trickle, dripper or mini sprinkler.

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