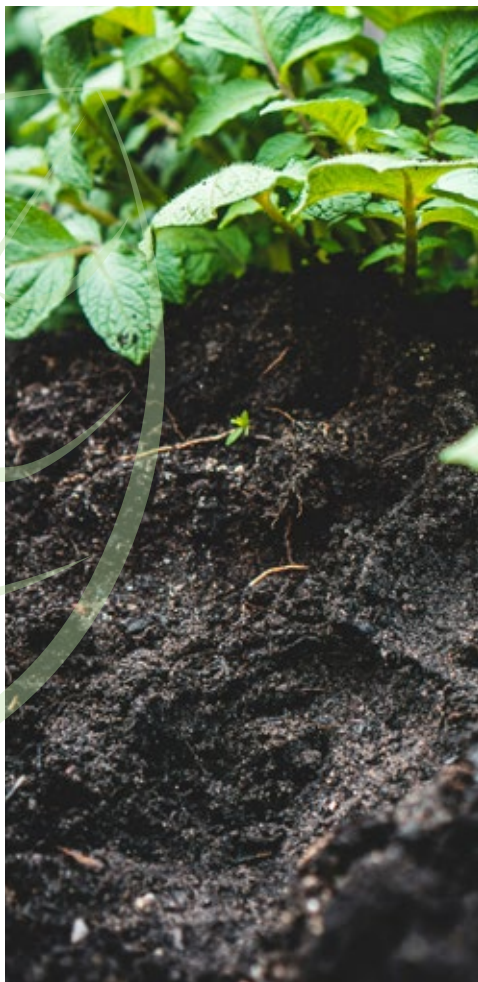


soilmate<sup>®</sup>

# HuMate 9 BIOFERTILISER

## 5-2.2-3.6 + Calcium, Carbon, Magnesium & TE

- Improves soil health, microbiology and fertility
- Restore beneficial soil bacteria & stimulates biological activity
- Decreases Plant Disease and Increases Pest Insect and Fungal Resistance
- Supports strong, vigorous plant growth and returns higher yields
- Regulates pH in acid and alkaline conditions





## HuMate 9 BIOFERTILISER

### 5-2.2-3.6 + Calcium, Carbon, Magnesium & TE

Soilmate HuMate 9 BioFertiliser ingredients are sourced and manufactured in Victoria and includes slow release granules. These beneficial soil bacteria act as bio-stimulants and biological inputs into the soil that increase yields, improve plant health, reduce disease and increase pest Resistance.

### Application Rates

#### Vegetables:

150-200 kg per Ha  
Short Crops (less than 10 weeks): Once per crop rotation within 2 weeks of planting. Long Crops (over 10 weeks): Twice per crop rotation. First application within 2 weeks of planting, second application midway through crop cycle.

#### Pasture:

200-350 kg per Ha. Apply in Spring and Autumn.

#### Fruit trees, ornamentals (and all crop types):

50-100 kg per Ha. Apply in Spring and Autumn.

Total Major Nutrients:	Unit
Nitrogen (N)	% 4.82
Phosphorus (P)	% 2.22
Potassium (K)	% 3.6
Sulphur (S)	% 0.922
Total Cations:	
Calcium (Ca)	% 5.4
Magnesium (Mg)	% 3.7
Total Minerals:	
Copper (Cu)	ppm 0.58
Zinc (Zn)	ppm 238
Iron (Fe)	ppm 209
Manganese (Mn)	ppm 13,754
Cobalt (Co)	ppm 2
Molybdenum (Mo)	ppm 135
Boron (B)	ppm 787
Carbon Content:	
Carbon	% 42.6
Active Bacteria and Fungi	
Bacillus subtilis	2 x 10 <sup>6</sup> cfu/g
Bacillus cereus	1 x 10 <sup>6</sup> cfu/g
Bacillus licheniformis	2 x 10 <sup>6</sup> cfu/g
Bacillus thuringiensis	1 x 10 <sup>6</sup> cfu/g
Bacillus samyloliquefaceis	2 x 10 <sup>6</sup> cfu/g
Trichoderma reesei	2.4 x 10 <sup>5</sup> cfu/g
Trichoderma harzianum	3.6 x 10 <sup>5</sup> cfu/g
Paecilomyces lilacin	
Penicillium bilaiae (P.bilaiae)	

