

VAM

MYCHORRIZAL & NUTRIENT SEED TREATMENT WITH BACILLUS SUBTILLUS & TRICHODERMA

Stimulate early root growth, root mass and seedling vigour.

Better moisture access in the seed zone.

Establish natural mycorrhizal fungi colonisation on plant roots.

- Grow stronger, more tolerant and productive plants.
- Increase nutrient availability to plants.
- Promote natural response to disease in crops during the early germination stage.
- Plants can access locked up phosphorus and zinc.
- Improve soil structure in root zone building water holding capacity, aeration and friability.
- More roots aid in building soil organic carbon.
- Potential VAM spore carry over for following crops.
- Bascillus Subtillus (B.Sub) and Trichoderma (Trich) aid plant resilience to plant pathogens.

What is VAM Fungi?

Vesicular-Arbuscular Mychorrhizal (VAM) Fungi are naturally occurring fungi that form a beneficial association with plant roots enhancing the plant's mineral absorption and access to moisture. VAM can increase access to nutrients (P in particular) and moisture from 100 to 1000 times.



TYPICAL ANALYSIS (w/v)

Phosphorous as citrate soluble	0.726%	Manganese as carbonate	1.53%
Phosphorous as citrate insoluble	0.954%	Humic Acid	4.4%
Phosphorous Total	1.68%	Fulvic Acid	3.18%
Potassium as organic	0.71%	AM inoculant 32,500 propagule/L multiple spec.	
Pottasium Total	0.71%	Beneficial Bacteria - Bacillus Species	
Sulphur as organic	0.15%	<i>B.subtilis, B.laterosporus, B. licheniformus, B. megaterium, B. pumilus, P. polymyxa</i>	
Sulphur Total	0.15%	Beneficial Fungi - Trichoderma Species	
Calcium as organic	0.28%	<i>T. harzianum, T. viride, T. koningii, T. polysporum</i>	
Calcium as phosphate	4.89%	pH	8.0 - 8.30
Calcium Total	5.17%	Specific gravity	1.22 - 1.25
Silicon as silicate	2.52%		
Zinc as oxide	2.40%		

Available in 20L & 1000L containers. Do not store in direct sunlight or for long periods. Check label for more detailed application and handling information.



RECOMMENDATIONS

Seed Dressing	Rate / T of seed	Timing
Cereals	10 L/t	Apply to seed pre-sowing
Brassicas/Canola/Lupins	20 L/t	SureCROP VAM gives essential nutrition for non-mycorrhizal plants. Or substitute SureCROP Zinc
Legumes (Beans/Peas)	6-10 L/t	Apply to seed pre-sowing
Pasture/Lucerne/Turf	up to 40 L/t	Apply to seed pre-sowing
Potatoes	5 L/t	Apply to seed potatoes pre-sowing
Onions/Carrots	40 L/t	Apply to seed pre-sowing
Chemically Treated Seed	Ensure 2L BioMAX Liquid Fulvic is mixed in with every 10L of SureCROP VAM prior to application to seed.	

Zinc deficiency: Where additional zinc is required, combine with SureCrop Zinc.

Liquid Inject / Fertigation	Rate / Ha	
Trees/Vines /Turf/Veg	1-2 L/Ha	
Broadacre	100-200 ml/Ha	At seeding
Pre & Planting	Rate	Application
Dormant Tree/Vine	1:5 dilution	Plant dip prior to planting
Tree / Vine	1-2 L / 1000L	Water jet with planting water
Vegetables	1:20 dilution	Seedling drench to point of saturation

Rates and timings may change depending on crop and season. Always consult a LawrieCo consultant or distributor for specific recommendations.

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Next Generation Fertiliser

