

Inoculum

Seed Dressing

# 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)

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

Available in 5L, 20L, 500L, & 1000L containers. Do not store in direct sunlight or for long periods. Check label for more detailed application and handling information.

**THIS IS A 2 PACK PRODUCT**

\*Inoculum Tube is attached under 20L drum cap



Early and strong germination. VAM fungi aids plant access to moisture and nutrients in the root zone.

### 2-Pac for Enhanced Results & Longer Shelf Life

SureCrop VAM 2-Pac update allows the user to mix the inoculum with the nutrient base at the time of use.

The benefit is increased shelf-life of the microbial component of the product. Plus improved viability of the mycorrhizal fungi at time of application maximising results in the paddock.

### RECOMMENDATIONS

Seed Dressing	Rate / T of seed	Timing
Cereals	10 L/t	Apply to seed pre-sowing
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 200 mL BioMAX F75 is mixed in with every 10L of SureCROPVAM prior to application to seed.	

MIX 2 PACK BEFORE USE. Refer to Application instructions for details and timeframes. 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.

Building wealth from soil with  
Next Generation Fertiliser

