

BioLogic SureCrop VAM

Biological seed dressing

For use in these programs:



Seeding



BioLogic SureCrop VAM is designed principally to establish VAM colonisation on crops in the most economical fashion. In order to maximise VAM colonisation and further stimulate early root growth and seedling vigour, the following are also included in the product: Plant & microbial nutrients, foods and stimulants, root-growth hormones and specialist microbial inoculums.

- 1) Threshold levels of VAM spores can successfully colonize crop roots and increase access to nutrients (P in particular) and moisture from 100 to 1000 times over plant roots alone.
- 2) The inclusion of the brewed specialist microbes and microbe foods offer significant nitrogen fixation, enhanced root growth, early seedling vigour and disease suppression.
- 3) SureCrop VAM includes a VAM compatible form of readily available phosphorus combined with good calcium levels to increase root length, branching and vigour.
- 4) Also included are natural auxins, cytokinins, indole acetic acid and gibberelins for root stimulation. Multiple trace elements, boosted Zinc levels and amino acids are included in this product.

Typical Analysis:

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|------------------------------|-----------------------------------|
| VAM spores (min) 32,500/L | Zinc 0.78% |
| Microbe Foods 50% | Potassium 0.6% |
| Natural Growth Promotants 6% | Solubility: Micronised Suspension |
| Phosphorus 1.68% | Particle Size 150-250 micron |
| Calcium 4.2% | pH 8.0-9.0 |

Benefits of SureCropVAM

- The establishment of VAM fungi at seeding.
- Increased early seedling vigour.
- Increased root mass and greater access to nutrition and moisture.
- Increased nitrogen and phosphorus efficiency through the season.
- Natural nitrogen fixation from Azotobacter.
- Improved structural characteristics of soil (water holding capacity, aeration, tilth due to VAM glomalin and VAM hyphae activity).
- Increased plant and soil water use efficiency due to VAM root extension and improved soil water storage conditions.
- Increased VAM spore production for following crops.
- Plant protection due to VAM hyphae, Trichoderma predation and boosted plant immunity from Bacillus subtilis and P. fluorescens.
- Stronger, healthier, more drought tolerant and productive crops.

Application Rates:

Suitable for ALL crop types.

Sow ASAP & within 7 days of applying to seed

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|--------------|-------------------|
| Seeding Rate | SureCrop VAM |
| <60kg/ha | 12L/tonne of seed |
| 60-120kg/ha | 10L/tonne of seed |
| >120kg/ha | 8L/tonne of seed |

Suitable as a soil drench as well, call for rates

Further Information:

- SureCrop VAM is a living inoculum.
- Allow seed to dry prior to planting.
- Do not store in direct sunlight or for long periods.

