

Product User Guide

Congratulations on your purchase of Banyula-Ogrady Rural innovative and effective products! This user guide is designed to provide you with all the essential information and instructions to make the most out of each product's potential. Whether you are a seasoned agricultural expert or just starting, this guide will help you achieve optimal results with our products.



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BEAM Inoculant Product User Guide

Product Description:

BEAM Inoculant is a ready-to-use fungal dominant compost extract inspired by Dr. David Johnson's research and produced using the principles of static pile aerated compost technique developed by Johnson-Su. It is a biological enhancer for agricultural management that has the potential to significantly increase soil organic carbon, microbial diversity, crop yields, and potentially reduce fertilizer use by up to 80%. BEAM Inoculant has proven to be effective in regenerating soil when applied over the seed row of cover crops at planting.

Application Rates:

Field Crops: At planting, apply BEAM Inoculant as a direct ground spray using 2-4 Litres of Inoculant in 100 Litres of water per hectare over the seeds. Ideal for interrow cultivation and pasture improvement. It is also suitable for tank mixing with nitrogen fixing and/or mycorrhizal inoculums.

Nursery/Home Gardens: For nurseries and home gardens, apply BEAM Inoculant as a light watering mix of 1 part Inoculant to 50 parts water to boost plant vigor and establishment.

Crop Suitability:

BEAM Inoculant is suitable for a wide range of crops including cover crops, pasture, passionfruit, macadamia, banana, and avocados. The recommended application rate for passionfruit, macadamia, banana, and avocados is 2-4 Litres per hectare.

Safety Directions:

- Keep out of the reach of children.
- Avoid contact with eyes and skin. In case of contact, rinse thoroughly with water.
- Wash hands after use and avoid eating, drinking, or smoking while using the product.

Storage and Handling:

- Practice good personal hygiene.
- Keep containers tightly closed, stored in a cool, dry, well-ventilated area away from heat and incompatibles.
- Keep out of reach of children.

First Aid Measures:

- Eye Contact: Flush eyes with copious amounts of water for at least 15 minutes. Seek medical attention.
- Skin Contact: Wash contacted area with soap and water.
- Ingestion: DO NOT induce vomiting, wash mouth with copious amounts of water. Seek medical attention.

Physical and Chemical Properties:

- Appearance: Light brown liquid
- Odour: Sweet molasses
- pH: Between 2.8 - 3.5
- Boiling Point: Approx 100°C
- Solubility: Soluble in water
- Flash Point: No flash point was observed using ASTM D93 - Procedure A.

Stability and Reactivity:

BEAM Inoculant is stable under recommended conditions for use and storage.

Toxicological Information:

No adverse health effects expected if the product is handled in accordance with this SDS and product label. Contact with eyes and skin can cause irritation. The product is safe for marine organisms and not classified as a carcinogen under NOHSC.

Ecological Information:

The product is safe for use when diluted as directed. Always use diluted solutions.

Disposal:

Dispose of BEAM Inoculant in accordance with all applicable regulations.

Transport Information:

BEAM Inoculant is not classified as a dangerous good according to the Australian Dangerous Goods (ADG) Code.

Regulatory Information:

- Not classed as a hazardous substance (AICS).
- No specific requirements according to NOHSC.
- Use as directed to comply with AgVet code.
- Read labels before using.

Other Information:

- Mixing: Always use the product diluted with water as per the product label. When mixing, fill the water tank halfway before adding the product during stirring. Always test compatibility on a small sample. Do not mix with any other chemicals other than those recommended by the supplier.

Produced by:

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Important Note:

Banyula (Banyula Operations Pty Ltd) has no control over the handling and storing of BEAM Inoculant. The company makes no express or limited or implied representation or warranty. The conditions of sale of BEAM Inoculant are that the users assume all risk in the handling and application as well as the results obtained from its use. Always follow the product label and safety guidelines for optimal results and safe usage.