

TECHNICAL Data Sheet

MULTI-TRICHO (MT)



BIO·GREEN
PLANET®

environmental products for a greener planet

Key Benefits

- **Builds Soil Health:** Enhances microbial diversity, accelerates residue breakdown, and supports long-term soil fertility.
- **Supports Root Health:** Colonizes root surfaces, stimulates elongation and branching, and strengthens root-zone stability for better nutrient absorption.
- **Promotes Plant Vigor & Stress Resilience:** Improves nutrient uptake efficiency and enhances tolerance to drought, salinity, and poor soils for consistent performance across diverse conditions.
- **Balances the Rhizosphere:** Competes for space and resources, fostering a stable, beneficial microbial community.
- **OMRI Listed for Organic Use:** Certified for use in organic systems; safe, naturally occurring Trichoderma strains that integrate easily with organic and regenerative programs.

Applications

- Row Crops & Cereals
- Horticultural & Vegetable Production
- Orchards & Vineyards
- Greenhouse & High-Value Crops
- Organic & Regenerative Systems

Concentration (CFU/g):

- Powder: 15 billion CFU/g dry powder
- Particle Size: Passes through 100 mesh sieve

Custom concentrations available upon request



Product Description

Multi-Tricho is an OMRI Listed multi-strain Trichoderma inoculant containing *Trichoderma harzianum*, *Trichoderma longibrachiatum*, and *Trichoderma asperellum*. These beneficial soil health fungi colonize the rhizosphere and root surfaces, producing enzymes and metabolites that recycle nutrients, accelerate organic matter breakdown, and support a balanced soil microbiome. By strengthening soil, root, and plant health under diverse field conditions, this high-CFU root-zone probiotic helps crops establish more vigorously, tolerate stress, and perform more consistently.

Packaging Options

- Powder: Supplied in
 - 10 lb (4.5 kg) pails
 - 20 lb (9 kg) pails
 - 160 lb (72.5 kg) drums
 - Smaller custom packaging available on request.

Shelf Life & Storage

- 6 months at room temperature
- 18 months refrigerated
- Store in a cool, dry location away from direct sunlight.
- Reseal container tightly after each use.

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Application Guidelines

	Range	Optimal
pH Range	4.5 – 9.5	5.5 – 7.5
Temperature	45°F – 113°F (7°C – 45°C)	68°F – 95°F (20°C – 35°C)

Application Rates

Soil Application (Drip, Drench, or Fertigation)

- 100-200 grams per acre (250-500 grams per hectare)
- Apply during early root establishment or transplanting
- Reapply every 2-4 weeks depending on crop cycle and stress level
- Do not tank mix with herbicides, fungicides, bactericides, or chemical pesticides

In-Furrow

- 25-50 grams per acre (60-125 grams per hectare)
- Apply once at planting to target root initiation and early growth stages
- Apply directly into the seed furrow or planting trench at seeding time
- If you use irrigation systems for delivery, ensure solution contacts the root zone
- If mixing with fertilizer, dilute fertilizer fully in water first before adding microbes

Foliar Spray

- 50-100 grams per acre (125-250 grams per hectare)
- Apply during vegetative growth or during periods of high stress or pest pressure
- Reapply every 7-14 days during periods of high stress

Seed Treatment

- 3-5 grams per kg of seed
- Single application before planting

Compost or Organic Matter Amendment

- 20-40 grams per ton of compost, organic substrate or potting mix
- Single application before use or at the beginning of composting/soil blending

Disclaimer: Results may vary depending on environmental conditions, application rates, and management practices. The manufacturer makes no guarantee of specific results. Seller's liability is limited to replacement of product or refund of purchase price. Manufacturer is not responsible for misuse, mishandling, or application under adverse conditions beyond its control. This product is not registered for pesticidal use with the U.S. Environmental Protection Agency. It is intended as a soil amendment / microbial inoculant only. Keep out of reach of children.

Contact Information

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