

TECHNICAL Data Sheet

Pond Treat (PD)



environmental products for a greener planet

Key Benefits

- **Improves Pond Water Quality and Clarity:** Rapidly digests suspended and settled organics, lowering BOD, TSS and turbidity for visibly clearer water.
- **Limits Excess Nutrients Linked to Algal Growth:** Helps reduce excess nutrients in ponds, including nitrogen and phosphorus, supporting conditions less favorable for nuisance algae.
- **Reduces Sludge and Odors:** Functions as a natural sludge digester / muck reducer
- **Stabilizes Pond Conditions:** Smooths daily swings in pH and dissolved oxygen, supporting a more resilient aquatic ecosystem.
- **Works Across Pond Types:** Effective in ornamental, recreational, irrigation, farm, golf course, and stormwater ponds.
- **Safe & Compatible:** Made from naturally occurring microbes that are suitable for aquaculture, irrigation, and recreational ponds. . Safe for koi, fish, shrimp, and aquatic plants when used as directed.

Applications

- Recreational & Ornamental Ponds
- Farm & Irrigation Ponds
- Stormwater & Retention Ponds
- Aquaculture Side-Use
- Multi-Season Pond Management

Concentration (CFU/g):

- Powder: 2, 50, 100 billion CFU/g dry powder
- Liquid: 13.5 billion CFU/ml liquid
- Blocks: 6 billion CFU/g
- Tabs: 2 billion CFU/g

Custom concentrations available upon request



Product Description

Pond Treat (PD) is a high-CFU beneficial pond bacteria blend that improves pond water quality and supports a balanced aquatic ecosystem. Strains in this natural pond probiotic colonize both the water column and pond bottom, releasing enzymes that digest leaves, runoff organics, fish waste, and other debris. By accelerating organic breakdown and stabilizing nutrient cycling, Pond Treat enhances clarity, provides pond water quality improvement, and helps reduce the excess nutrient loads that often fuel nuisance algae.

Packaging Options

- Powder: Supplied in
 - 22 lb (10 kg) pails
 - 44 lb (20 kg) pails
 - 340 lb (155 kg) drums
- Liquid: Available in
 - Quart, liter, gallon containers
 - 55-gallon (208 liter) drums
- Blocks: Packed in cases of 4
- Tablets: Packed in cases of 12 or in pails

Shelf Life & Storage

- 2 years at room temperature
- 3 years 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	5.0 – 9.5	6.0 – 8.0
Temperature	45°F – 120°F (7°C – 49°C)	59°F – 104°F (15°C – 40°C)

Application Rates

Powder (50B CFU/g)

- **Initial:** 40 g/acre (90 g/hectare)
- **Maintenance:** 10 g/acre (25 g/hectare) weekly
 - Use 2X dose if applying every 2 weeks

Liquid (13.5B CFU/mL)

- **Initial:** 150 mL/acre (335 mL/hectare)
- **Maintenance:** 40 mL/acre (90 mL/hectare) weekly
 - Use 2X dose if applying every 2 weeks

Blocks

900g (2lb) blocks treat a 1-acre pond for ~30 days. Dissolve rate fluctuates with water temperature and flow rate.

Tabs

85g (3oz) tabs treat a 1,400sq ft. (125 sq. meter) pond for ~30 days. Dissolve rate fluctuates with water temperature and flow rate.

Fast-Dissolve Tabs

Fast-dissolve tablets dissolve within 1 hour when placed in water. Available in multiple sizes and concentrations (5g, 28g, 130g).

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 microbial inoculant only. Keep out of reach of children.

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