

TECHNICAL Data Sheet

Animal Waste Treat (AWT)



environmental products for a greener planet

Key Benefits

- Controls Odors: Targets hydrogen sulfide, ammonia, and volatile fatty acids to reduce nuisance odors and community complaints
- Reduces Sludge & Crust Formation: Speeds digestion of solids and fibrous material to minimize dredging, pumping, and mat buildup
- Improves Nutrient Balance: Stabilizes nitrogen, phosphorus, and organic matter for more consistent effluent quality and fertilizer value
- Enhances Liquid Flow & Pumping: Maintains hydraulic capacity and prevents clogging in flush systems, pits, and irrigation lines
- Supports Regulatory Compliance: Reduces risk of discharge, odor violations, and nutrient overload while supporting nutrient-management goals
- Lowers Operating Costs: Decreases hauling, chemical inputs, and long-term maintenance, extending lagoon storage life

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: Cases of 4
- Tablets: Packed in cases of 12 or in pails

Concentration (CFU/g):

- Powder: 2, 50, 100 billion CFU/g dry powder
- Liquid: 13.5 billion CFU/ml liquid
- Blocks: 4 billion CFU/g
- Tabs: 2 billion CFU/g

Custom concentrations available upon request



Product Description

Animal Waste Treat (AWT) is a professional-grade microbial blend formulated for the treatment of livestock and dairy waste in lagoons, pits, and manure handling systems. It contains high-CFU animal waste treatment bacteria that target manure, urine, and other organic residues, helping operators maintain cleaner, more efficient systems. The specialized strains degrade fats, proteins, and fibrous material, reducing odors, sludge buildup, and nutrient overload that often lead to costly management challenges.

AWT improves lagoon and pit stability, reduces hauling and dredging frequency, and helps farmers get more value out of manure effluent for land application. Its robust biology maintains performance across seasonal temperature swings, variable loading rates, and fluctuating pH conditions.

Applications

- Waste Lagoons
- Manure & Compost
- Irrigation Canals
- Zoos

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 - 120°F (7-49°C)	59 - 104°F (15-40°C)

Application Rates

50B Powder (Lagoon and Pit Dosing)

PPM	Grams per million L/day	Grams per million gal/day	Notes
0.04	40	150	Starting Dose
0.08	80	300	After 2 weeks

13.5B Liquid (Lagoon and Pit Dosing)

PPM	ml per million L/day	ml per million gal/day	Notes
0.04	150	570	Starting Dose
0.08	300	1140	After 2 weeks

Blocks

Apply one 2lb (900g) tab in lagoon per month per:

- 50 cows
- 100 heifers/dry cows
- 200 feeder calves
- 50 sows
- 150 finisher hogs

Tabs

Apply one 130 gram tab in lagoon per week per:

- 100 cows
- 200 heifers/dry cows
- 400 feeder calves
- 100 sows
- 300 finisher hogs

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.

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