

TECHNICAL

Data Sheet

Ammonia Treat for Poultry (ATp)



BIO·GREEN
PLANET®

environmental products for a greener planet

Key Benefits

- Poultry Ammonia Control:** Reduces NH3 emissions and odor for safer, cleaner barn conditions.
- Protects Bird Health:** Lowers respiratory irritation, stress, and footpad issues while supporting welfare.
- Improves FCR & Growth:** Better air quality contributes to stronger flock performance.
- Enhances Fertilizer Value:** Retains nitrogen in manure for a higher-value fertilizer product.
- Simplifies Management:** Easy monthly spray application helps farms meet ammonia guideline targets.
- Supports All Poultry Types:** Effective across broiler houses, layer barns, breeder flocks, turkeys, and specialty poultry.



Product Description

Ammonia Treat for Poultry (ATp) is a biological ammonia reduction solution designed for broiler, layer, breeder, turkey, and specialty operations. This poultry litter amendment delivers proven poultry ammonia control by directly consuming nitrogen compounds and reducing harmful NH3 emissions in barns. Applied as little as once per month, ATp helps reduce ammonia in poultry houses while supporting bird health, feed efficiency, and overall flock performance.

The ATp microbial consortium includes high-CFU bacteria and fungi selected for hyper-ammonia accumulation and denitrification. These strains not only lower in-house ammonia but also stabilize nitrogen in manure, enhancing crop nutrient value. ATp provides a natural and more effective alternative to harsh chemicals, improving barn air quality and supporting a healthier environment for birds.

Applications

- Layers & Breeders
- Broilers
- Turkeys & Specialty
- Swine & Cattle

Concentration (CFU/g):

- Powder: 50 billion CFU/g dry powder
Custom concentrations available upon request

Packaging Options

- Powder: Supplied in
 - 22 lb (10 kg) pails
 - 44 lb (20 kg) pails
 - 340 lb (155 kg) drums

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.

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

Application Rates (U.S.)

Coverage Rule: 1 gallon of solution mists 2,250 ft² (0.5 gal per 1,125 ft²). Always keep the solution agitated during spraying.

Low Severity Ammonia (<50 ppm NH₃)

- Dose: 5.7 g per gallon (0.012 lbs/gal)
- Coverage: 1 gal per 2,250 ft²
- Example (20,000 ft² house): 9 gal water × 0.012 lbs/gal = 0.11 lbs ATp total

Medium Severity Ammonia (50–150 ppm NH₃)

- Dose: 30 g per gallon (0.066 lbs/gal)
- Coverage: 1 gal per 2,250 ft²
- Example (20,000 ft² house): 9 gal water × 0.066 lbs/gal = 0.6 lbs ATp total

High Severity Ammonia (>150 ppm NH₃)

- Dose: 150 g per gallon (0.33 lbs/gal)
- Coverage: 1 gal per 2,250 ft²
- Example (20,000 ft² house): 9 gal water × 0.33 lbs/gal = 3.0 lbs ATp total

Application Rates (Metric)

Coverage Rule: 1.8 L solution mists 100 m² (1 L per 55 m²). Always keep the solution agitated during spraying.

Low Severity Ammonia (<50 ppm NH₃)

- Dose: 1.5 g per liter
- Coverage: 1.8 L per 100 m²
- Example (2,000 m² house): 36 L water × 1.5 g/L = 54 g ATp total

Medium Severity Ammonia (50–150 ppm NH₃)

- Dose: 8 g per liter
- Coverage: 1.8 L per 100 m²
- Example (2,000 m² house): 36 L water × 8 g/L = 288 g ATp total

High Severity Ammonia (>150 ppm NH₃)

- Dose: 40 g per liter
- Coverage: 1.8 L per 100 m²
- Example (2,000 m² house): 36 L water × 40 g/L = 1.44 kg ATp total

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.

Contact Information

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