

# TECHNICAL Data Sheet

## Ammonia Treat for Poultry (ATp)



environmental products for a greener planet

### Key Benefits

- **Poultry Ammonia Control:** Reduces NH<sub>3</sub> 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.

### Applications

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

### Concentration (CFU/g):

- Powder: 50 billion CFU/g dry powder

*Custom concentrations available upon request*



### 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 NH<sub>3</sub> 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.

### 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.

[www.biogp.com](http://www.biogp.com)

## Application Guidelines

	Range	Optimal
<b>pH Range</b>	5.0 – 9.5	6.0 – 8.0
<b>Temperature</b>	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 ft<sup>2</sup> (0.5 gal per 1,125 ft<sup>2</sup>). Always keep the solution agitated during spraying.

#### Low Severity Ammonia (<50 ppm NH<sub>3</sub>)

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

#### Medium Severity Ammonia (50–150 ppm NH<sub>3</sub>)

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

#### High Severity Ammonia (>150 ppm NH<sub>3</sub>)

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

### Application Rates (Metric)

**Coverage Rule:** 1.8 L solution mists 100 m<sup>2</sup> (1 L per 55 m<sup>2</sup>). Always keep the solution agitated during spraying.

#### Low Severity Ammonia (<50 ppm NH<sub>3</sub>)

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

#### Medium Severity Ammonia (50–150 ppm NH<sub>3</sub>)

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

#### High Severity Ammonia (>150 ppm NH<sub>3</sub>)

- Dose: 40 g per liter
- Coverage: 1.8 L per 100 m<sup>2</sup>
- Example (2,000 m<sup>2</sup> 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 soil amendment / microbial inoculant only. Keep out of reach of children.

## Contact Information

**P:** +1 (262) 285-4390

**E:** [gogreen@biogp.com](mailto:gogreen@biogp.com)

**A:** 520 Progress Drive, Belgium, WI 53004, USA