



# **BIOX™**

**AMMONIA REDUCTION FORMULA CONCENTRATE**

## **ACTIVE INGREDIENTS:**

Broad spectrum of naturally occurring beneficial soil organisms at a minimum concentration of  $4.0 \times 10^9$  cfu per ml combined with a proprietary blend of polysaccharides, microbial synergists and micronutrients.

**AVOID FREEZING OR HIGH TEMPERATURES**

**KEEP OUT OF REACH OF CHILDREN**

**Manufactured By:**

**MILLER CHEMICAL & FERTILIZER, LLC**

**P.O. Box 333**

**Hanover, Pennsylvania 17331**

**Net Contents: ☐ 2.5 gallon liquid (9.463 liters)**

**Weight per Gallon: 9.51 lbs.**

**Net Weight: 23.78 lbs.**

**Net Contents: ☐ 275 gallon liquid (1040.98 liters)**

**Weight per Gallon: 9.51 lbs.**

**Net Weight: 2615 lbs.**

## DIRECTIONS FOR USE

**BIOX** contains a broad spectrum of heterotrophic and chemoautotrophic beneficial soil organisms grown under a state of the art pure culture fermentation process. When used properly **BIOX** suppresses formation of ammonia and cycles ammonia to nitrogen gas in a non-hazardous or corrosive manner.

**BIOX** has been specifically formulated for poultry houses where an emphasis on clear air and biologically sound processes are required for optimum bird health.

## METHODOLOGY BEFORE USING BIOX

- Refresh litter and seal house to increase ambient temperature.
- Check litter moisture and increase to a minimum of 30% before applying **BIOX**
- Apply uniformly to entire surface of bedding. Ventilate house prior to re-entry if necessary. Maintain adequate moisture levels to promote microbial growth.
- Keep houses sealed for 12-24 hours post application for optimum results.
- Resume normal ventilation protocols after application
- Be sure to decontaminate spray equipment prior to each application of **BIOX** if it has been used to spray pesticides or chemicals.

## GENERAL USE DIRECTIONS

**Summer Applications:** Some venting utilized

Broilers:

Mix 12.8 oz. **BIOX** concentrate into 5 gallons of clean water per 1,000 sq. feet.

Layers: Mix 12.8 oz. **BIOX** concentrate into 2.5 gallons of clean water per 1,000 sq. feet.

**Winter Applications:** Little to no venting

Broilers:

Mix 32 oz. **BIOX** concentrate into 5 gallons of clean water per 1,000 sq. feet.

Layers:

Mix 32 oz. **BIOX** concentrate into 2.5 gallons of clean water per 1,000 sq. feet.

### Application Frequency:

**BIOX** should be applied as needed to maintain ammonia levels required for good bird health. Subsequent applications should be made every six to eight weeks for optimum results.

### APPLICATION EQUIPMENT:

Always use clean equipment before applying **BIOX**. Triple rinse tank if pesticides or chlorinated water was previously utilized. **BIOX** applications should be made in clean potable water and nozzles utilized which will produce larger droplets (40 micron or greater).

### STORAGE AND DISPOSAL

**BIOX** should be stored at temperatures between 55 and 85 degrees Fahrenheit. Do not allow product to freeze. Avoid excessive heat (>100°F) and sunlight.

**LIMITED WARRANTY:** The use of this material being beyond our control and involving elements of risk to human beings, animals, and vegetation, we do not make any warranty, express or implied, as to the effects of such use, when this product is not used in accordance with the directions as stated on this label.

PA Right-To-Know: This product contains proprietary ingredient(s). This product is intellectual property of Miller Chemical & Fertilizer, LLC.