

Effectively Controlling Broiler Ammonia with EM Technology®



Introduced in 1982, EM Technology® is widely used in over 120 countries in all forms of agriculture and livestock management to clean water, control odor, manage wastes, and promote healthier animals.

- Reduce levels of harmful pathogens
- Reduce ammonia levels
- Prevent corrosion

EM Technology® is offered as a liquid microbial product including several strains of naturally-occurring microbes from three groups: Yeast, Photosynthetic Bacteria, and Lactic Acid Bacteria. EM Technology® contains dozens of enzymes (including lipase, protease, and cellulase), trace minerals, amino acids, and vitamins (including B1, B2, B6, B9, and B12) that help it establish a pleasant environment with safer levels of ammonia and hydrogen sulfide.

Optimal health of the poultry operation is achieved when EM Technology® is applied from the time young chicklets arrive from the hatchery, until the day they leave.

Litter Treatment Lt1000™

Users of Lt1000™ show ammonia levels as low as 0ppm (average 5-6ppm). Ammonia supports putrefaction and pathogen growth. Lt1000™ has an antioxidant effect and resists putrefaction, prevents noxious odors, and controls pathogen growth.

The method below is for broilers. Layers are in production for longer periods and require repeated applications of Lt1000™. Apply Lt1000™ through a misting or fogging system to control the odors in the poultry houses.

Setting up a fogger would be ideal to run constantly to suppress ammonia. That would be at a 1:100 solution. Set on a timer to alternate sprays at 3-5 minute intervals and run for 30 seconds to 1 minute. The fogger would cycle longer in the winter when there is less ventilating and less in the summer when there is more ventilating.

Prior to Placement of Birds

(once per flock):

1. Use Lt1000™ to clean poultry housing.
2. Spray & wash all surfaces of poultry housing with a diluted solution of Lt1000™ in water at a 1:500 ratio.
3. Add litter.
4. Spray or top-dress Lt1000™ onto litter at 0.003125 gallon per square foot (1 gallon per 320 square feet) of housing. Dilute in just enough water to cover floors.
5. Total Lt1000™ per house will vary by size of the house and the age of the litter.