



## Long-term Odor Control Achieved in Poultry Farm with MICROBE-LIFT®/AOEP



**Location:** Bledsoe Poultry Farm, Jamestown, TN

**Background:** Jim Bledsoe operates several grow houses for chickens. As in other poultry operations, ammonia is a concern that needs to be addressed. Jim had used every product he found on the market that claimed to provide ammonia removal, including market leaders such as All Clear and PLT, but had not achieved the ammonia control desired.

**Objective:** When introduced to MICROBE-LIFT®/AOEP, Jim decided to run a trial to maximize ammonia control. He found that the method of application was the key to the product performance.

MICROBE-LIFT®/AOEP was applied as follows:

1. De-crust and wait one day or more to allow drying of the litter (24 hours).
2. Apply MICROBE-LIFT®/AOEP at a rate of two to three gallons per house diluted with 40 gallons of water (1 to 40 with tap water). Allow drying for one day, then apply top dress litter and allow an additional 4 to 5 days drying cycle.
3. Just prior to the introduction of birds, close the windows (vents) and turn on the heat in preparation for bird introduction (24 hours). The increase in temperature will cause a temporary release of ammonia, raising the ammonia level within the house as the ammonia is driven off.
4. The birds are added at this time, the day after barn heating, and following the application of MICROBE-LIFT®/AOEP, and top dress. The ammonia level will still be at a noticeable level however the ammonia level will stabilize and then drops off within a day or two to an acceptable level.

**Results Achieved:** Through application to numerous cycles it was determined that the following benefits were achieved with proper use of MICROBE-LIFT®/AOEP:

- Effective ammonia management control
- Lower cost of application
- Efficacy greater than other chemical and microbial technologies
- Longer term control than competitive products

When the above procedure was followed, MICROBE-LIFT®/AOEP reduced ammonia effectively and held it at a lower level than achieved by other odor control technologies. MICROBE-LIFT®/AOEP provided ammonia control for the entire growth cycle while competitive technologies offered two weeks control. Jim advised that he liked the advantages MICROBE-LIFT®/AOEP provided in both cost and performance. Jim had supplied other similar farm operations in the area with MICROBE-LIFT®/AOEP technology and they reported the same long-term ammonia control.

For more information on MICROBE-LIFT® Technology contact

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