

Poultry farming pilot test

A broiler farm in the province of Groningen with 2 identical houses, each containing 22,000 chickens. The barns are provided with day-old chicks and after 6 weeks they leave the barns with an average weight of approximately 2 kilos.

Initial situation:

1. 2 identical stables of 1000 m² each
2. 22,000 day-old chicks in each house
3. Same conditions in every house (temperature, feed, water, etc.)
4. The litter layer of one house is treated with a solution of 1 liter of **MicroAktiv® -BS** in 10 liters of water with a hand sprayer when the chicks are 4 days old (they then walk ahead of the sprayer)
5. The test was carried out for 1½ years, alternately in one house and then in the other. A total of 12 tests were performed.

Test results:

1. The chicks in the **MicroAktiv® -BS** treated house were more vital than the chicks in the untreated house. There was about 4 to 6% less mortality in the treated house during the 6 weeks compared to the untreated house.
2. The chicks in the **MicroAktiv® -BS** treated house had a higher slaughter weight than in the untreated house, between 50 and 80 grams (2.5-4% more weight).
3. Less ammonia was present in the house treated with **MicroAktiv® -BS** than in the untreated house (measured every day in the ventilation ducts with a Dräger). In the untreated house the ammonia emission averaged 80 ppm NH₃ and in the **MicroAktiv® -BS** treated house the ammonia emission averaged 20 ppm NH₃ during the 12 cycles, a reduction of approximately 75% ammonia emission.
4. Economic return after 1 year: **+7.89%**

Benefits of MicroAktiv® -BS:

1. No micro-organisms are added, which means
2. A stable, more homogeneous and more active ecosystem is created
3. Odor reduction (particularly NH₃) for the environment
4. Better feed conversion
5. Less mortality and less veterinary costs
6. Good value for money
7. **MicroAktiv® -BS** is safe for humans, animals, plants and the environment.

Conclusion:

MicroAktiv® -BS is a product that is ideally suited for improving the welfare of your animals and commercially attractive for you as an entrepreneur.

