

AZOMITE®

International

A Natural Source of
Minerals and
Trace Elements

AZOMITE® and Chickens



Performance Improvements in Broilers Using Azomite®

2005 Field Study in Georgia, Birds Processed 1/22, 4/16 & 6/25

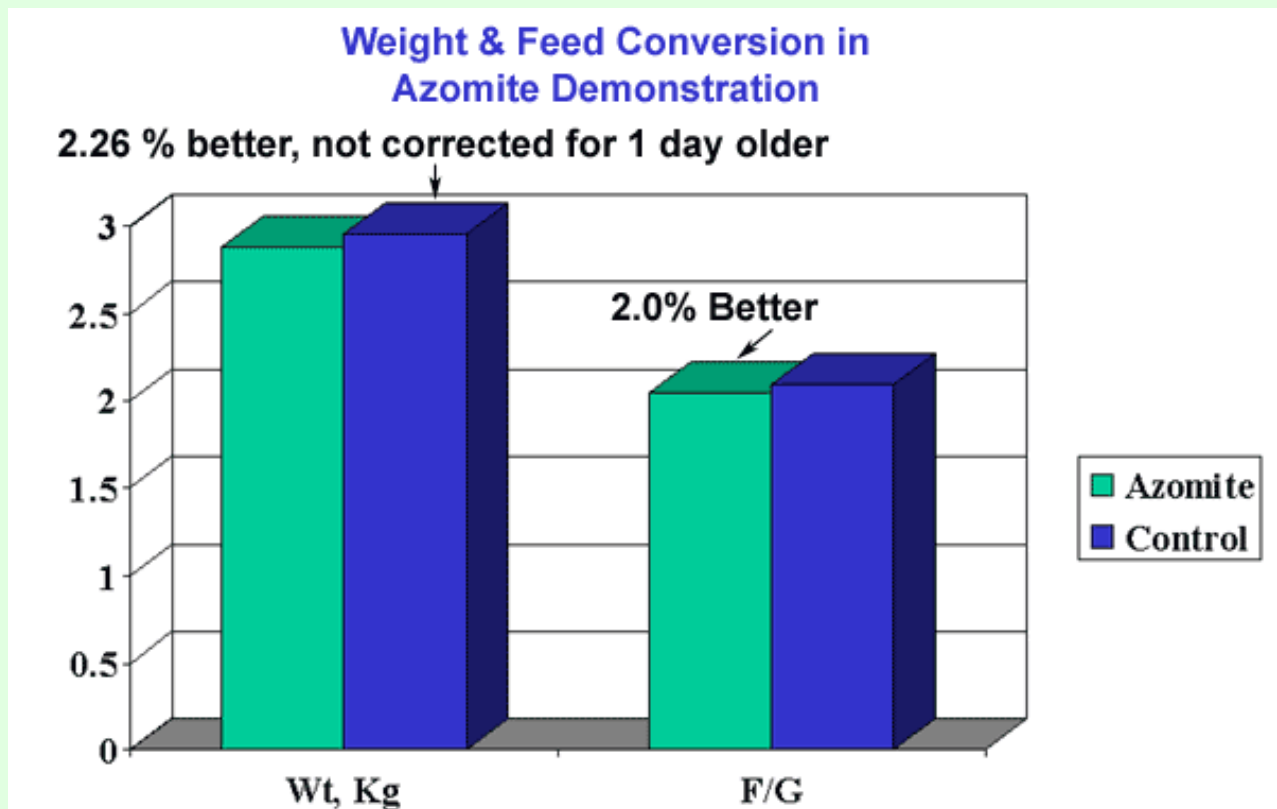
Characteristics of Test

- Top-5 Broiler company in USA, produces @ 11 million birds/week, owns multiple feed mills
- Each Feed Mill produces @ 9-10,000 tons/wk/
- Study conducted on 7 proprietary farms
- Three (3) cycles (winter, spring, summer) studied
- Company grows all sizes of birds

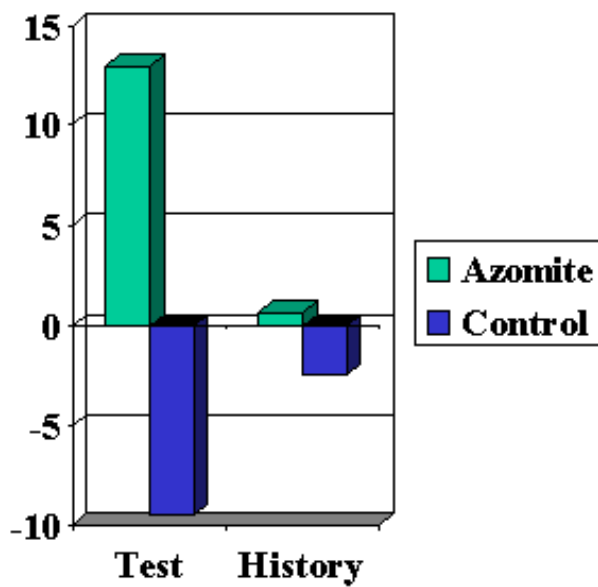
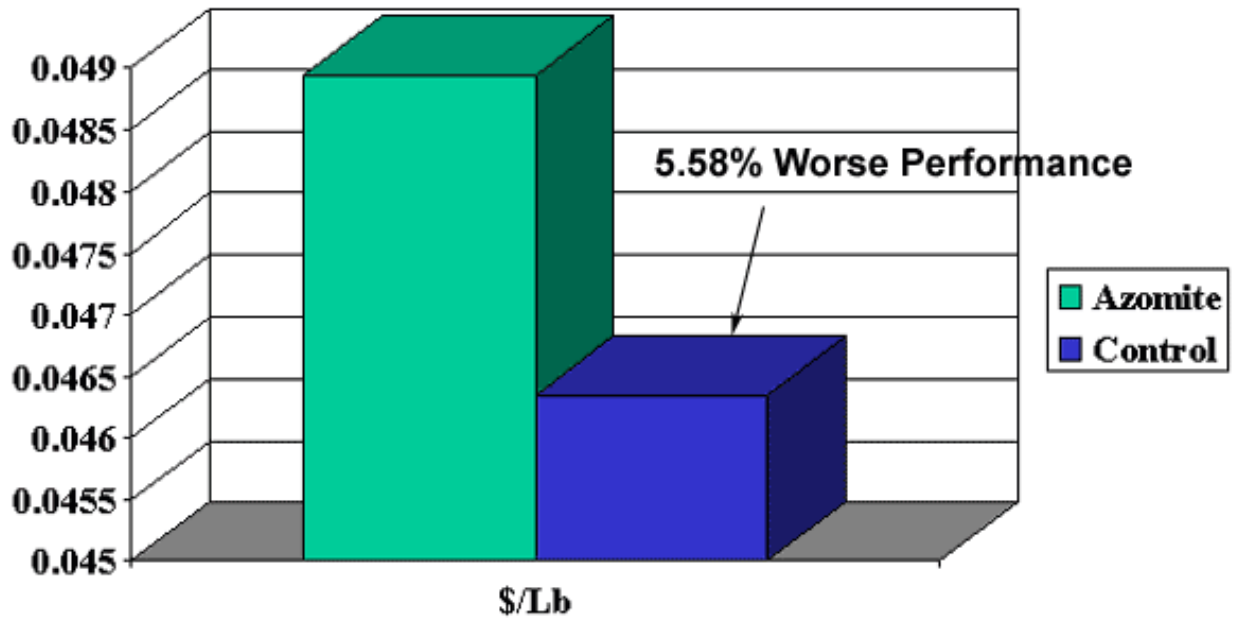
Test Conditions

- Granular **AZOMITE®** added at feed bin on farm
- **AZOMITE®** was used at a rate of 10 lbs/ton (0.5%)
- Birds received **AZOMITE®** from day 1-harvest
- Birds were grown varying ages
- About 850,000 birds were used in the demonstration
- Cobb x Cobb, mixed sex birds were used

Results of On-Farm Demonstration		
Parameter	AZOMITE®	Control
# Farms & # Birds/farm	8 farms, @ 343,000 birds	12 farms, @ 509,000 birds
Avg. Wt	2.8826 kg (6.3417 lb)	2.9495 kg (6.489 lb)
Age at Harvest, days	54.5	55.33 (0.83 days older)
% Sold	95.265	94.13
Feed Conversion	2.0488 (2.00% better)	2.0898
Kg Mkt/Farm	121,909.55	122,990.45
Rank Overall	+13	-9.5
Pay/Pound	\$0.048937 (+5.58%) (net improvement =-\$0.002589/ lb)	\$0.04635



Economic Performance in Azomite Demonstration



Historical and Current Ranking of **AZOMITE®** and Control Farms

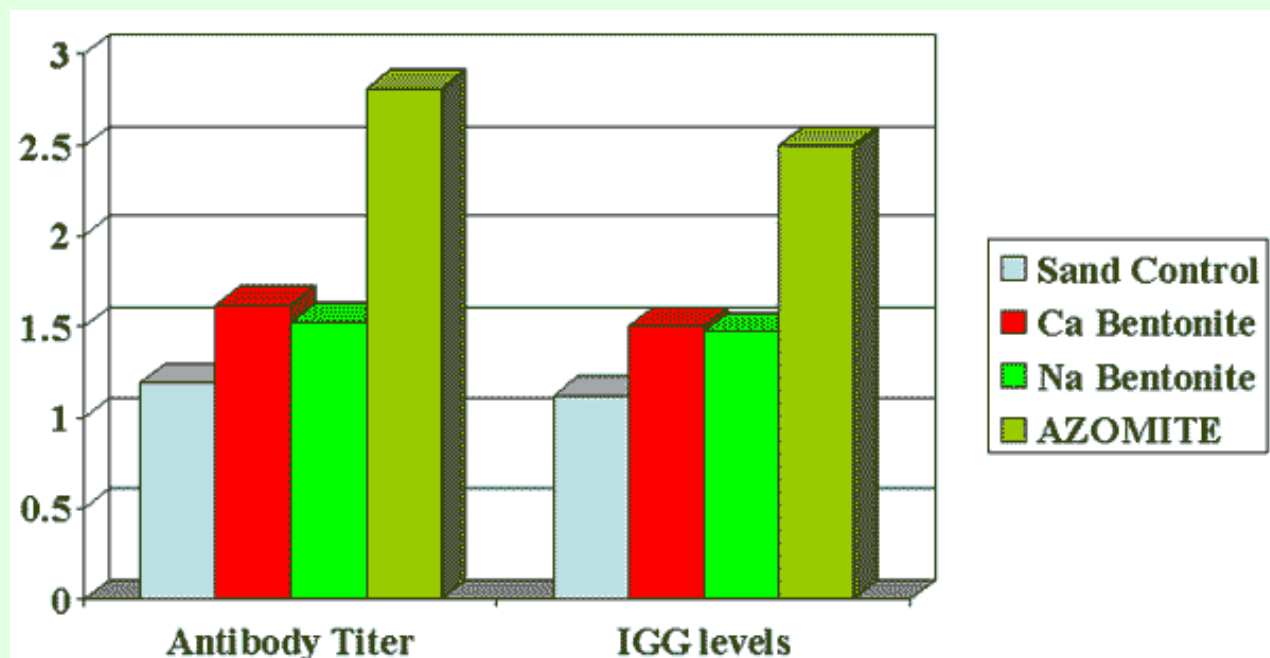
- The company ranks all farms for economic performance
- We compared the current rank of each test group during the last cycle to the average of their previous 4 growth cycle rankings

Conclusion

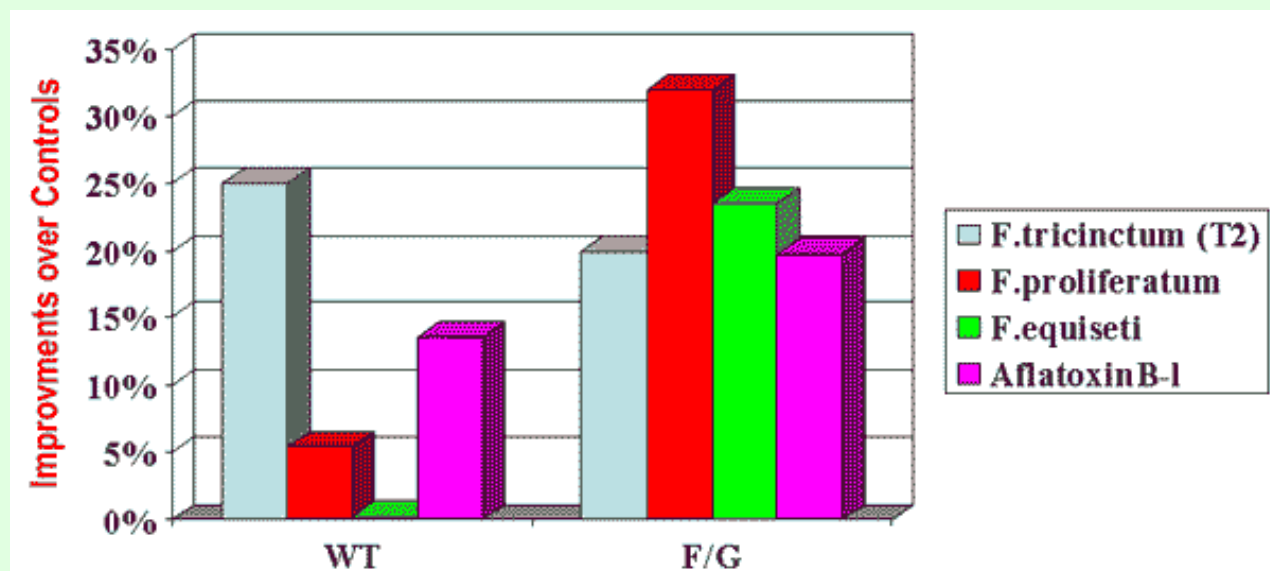
- Birds receiving Azomite outperformed Control birds 5.5% on Economics.
- Birds on Azomite had a better feed conversion.
- Birds on Azomite had much higher livability than Control birds.
- The overall profits were substantially improved by including Azomite in poultry feed.
- Gross profits with Azomite were substantially better per ton of feed than Controls.

16 birds/group, Designated products were tested at 0.5% (w/w) of the feed during the 22-d study. Birds were challenged by injecting sheep RBC on day 16.

Increased Protein Synthesis



Broilers Challenged with High-Levels of Individual Fusarium + Mycotoxins, +/- 0.5% AZOMITE®



Averages in Processing of Yield in Nine (9) USA Field Trials of AZOMITE® in 4.7 Million Broilers

Process Parameter	AZOMITE®	Control	Postive Gain

Chilled Carcass Yield	76.80%	76.20%	0.60%
Breast Yield	16.95%	16.58%	0.37% Increased Protein Synthesis

For more research results, visit the [USA AZOMITE® site](#).



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