

AZOMITE® And Pigs

Customers report improved weight gain, feed conversion, disease resistance, litter size and litter livability.



Large Swine Producer

4 replication study with 15 pigs per pen - AZOMITE® added at 0.5%

Barrows	Control	AZOMITE®
Total pigs	58	61
Grow days	38.0	38.5
Average weight - beginning	12.1	13.5
Average weight - ending	45.1	48.4
Average gain per pig	33.0	34.9
Net gain	1,888.0	2,128.5
Average daily gain	.0828	.0888

Gilts	Control	AZOMITE®
Total pigs	60	61
Grow days	38.0	38.5
Average weight - beginning	12.5	13.6
Average weight - ending	45.5	48.0
Average gain per pig	33.0	34.4
Net gain	1,965.0	2083.5
Average daily gain	.0845	.0863
Barrows and Gilts Combined		
Total gain	3853	4212
Feed used	5714	5974
Feed conversion	1.483	1.418



Virginia Polytechnic Institute

Merlin D. Lindemann, was the study director for this four-replication pig study.
AZOMITE® was added at 0.5% to the control diet.

Day 1-14	Control	AZOMITE®
Average Daily Gain (lb)	.45	.53†
Average Daily Feed (lb)	.83	.93†
Feed Conversion	1.87	1.79

Day 1-21	Control	AZOMITE®
Average Daily Gain (lb)	.57	.69*
Average Daily Feed (lb)	1.05	1.22*
Feed Conversion	1.85	1.78

Day 1-28	Control	AZOMITE®
Average Daily Gain (lb)	.69	.79*

Average Daily Feed (lb)	1.28	1.42†
Feed Conversion	1.86	1.79

Growth Rate Increase - 14.5%

† * Statistical significance of single degree-of-freedom comparisons of each treatment to the control is demoted by † , * , for P<.10, .05, respectively. Four replicate pens used per treatment in the trial.

	Antibody Titer	Immunoglobulins
Control	1.19	1.12
AZOMITE®	2.81	2.5

Sheep Red Cell Challenge Study, Cook et al., University of Wisconsin (3 week old broilers; **AZOMITE®** vs. control, P<.05)



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