

SUPPRESS[®]

ORGANIC ODOR CONTROL

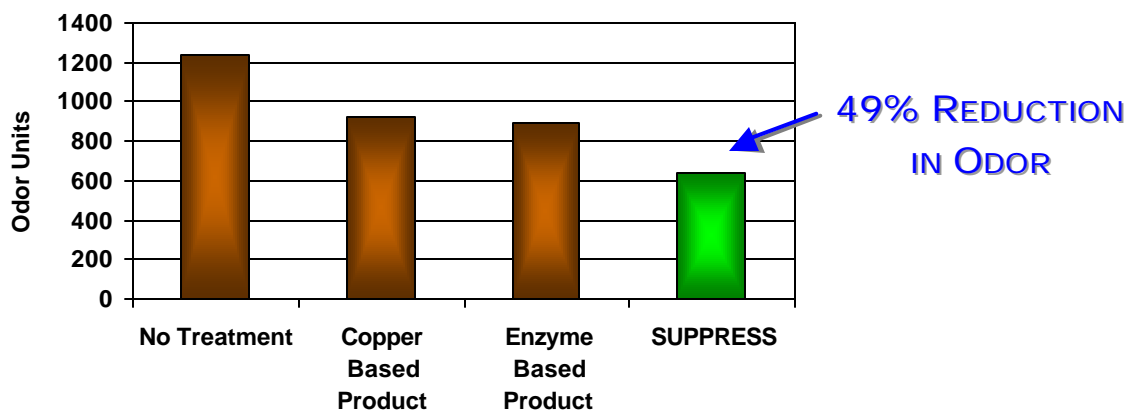


For Odor Control in Hog Farms, Dairy Farms, and Feedlots

SUPPRESS[®] is a blend of organic extracts that absorb and eliminate foul smelling odors from decomposing manure with remarkable speed and effectiveness. SUPPRESS[®] works in a matter of minutes after it is applied and provides long-term control of waste odor problems. The all-natural formula contains cell repairing organic compounds that stimulate the activity of positive bacteria and restore a healthy non-odorous ecosystem.

We recommend a starting dosage of 0.1% (1 gallon in 1000) based on trial work conducted on actual working farms. Most recently Westbridge participated in a university affiliated research trial at a 300-sow operation with two other leading odor control products. Participation was completely voluntary...and the results were excellent. After four weeks of collecting and treating manure in the hog barns, the waste was transferred to a storage lagoon for two weeks where it remained untreated. SUPPRESS[®] eliminated almost half of all on-site odors.

Anyone can make claims about effectiveness in laboratory studies. But only one product is proven effective on the toughest on-farm odors...SUPPRESS[®].



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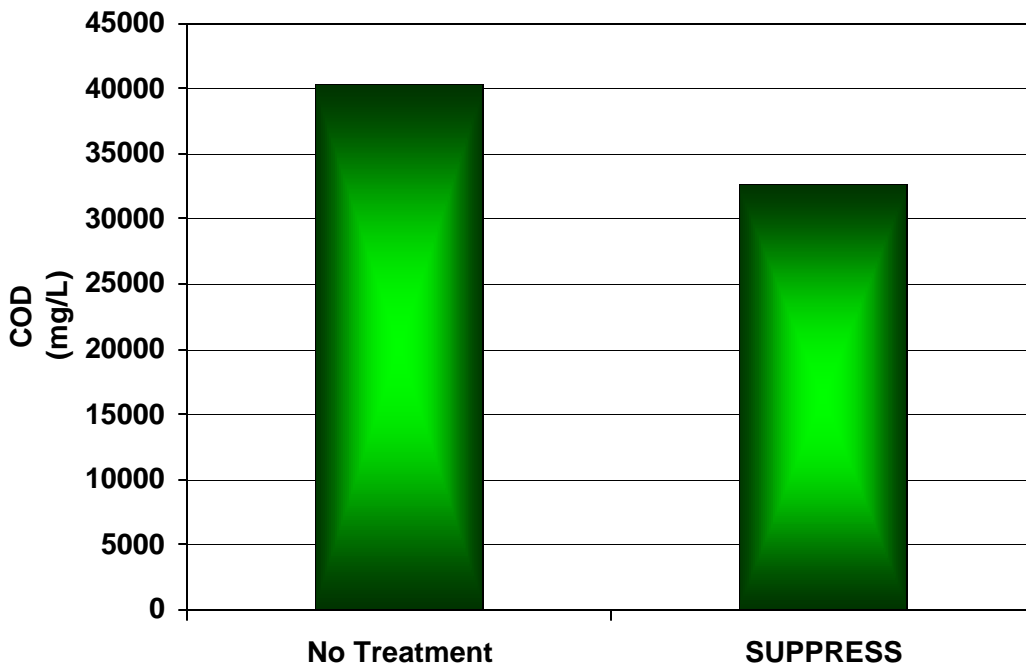
SUPPRESS[®]

ORGANIC ODOR CONTROL



Increase Process Capacity
and Lower Energy Costs
by Decreasing Waste Strength

SUPPRESS[®] applied to manure at 1000 ppm at a 300-sow operation for 9 weeks reduced chemical oxygen demand by 19%!



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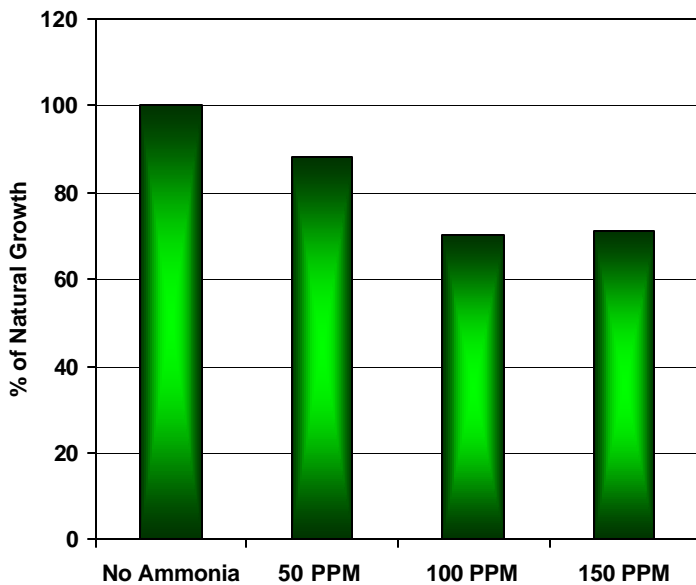
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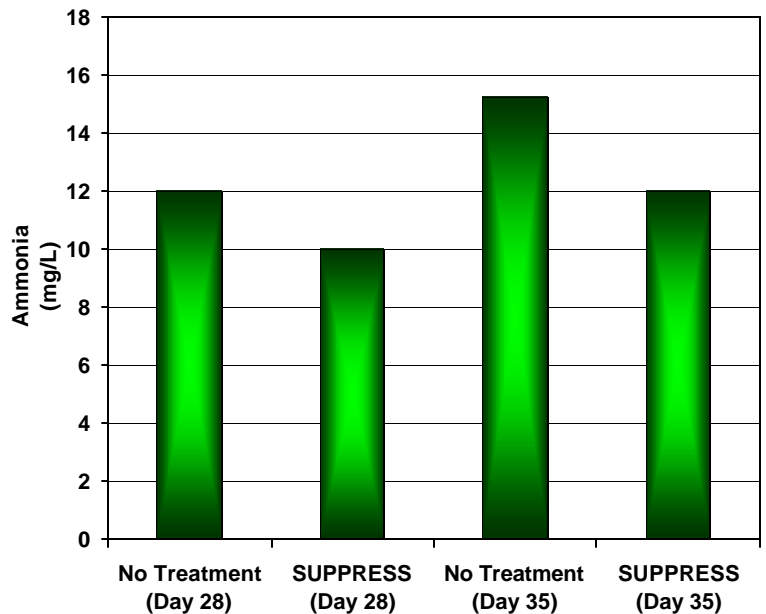


Improve Your Bottom Line by Reducing Airborne
Related Animal Illness and Mortality

Effect of Aerial Ammonia on
Growth of Young Pigs



SUPPRESS[®] applied to manure at 1000
ppm at a 300-sow operation eliminated
over 20% of the ammonia



Source: Journal of Animal Science, Vol. 50, No. 6, 1980

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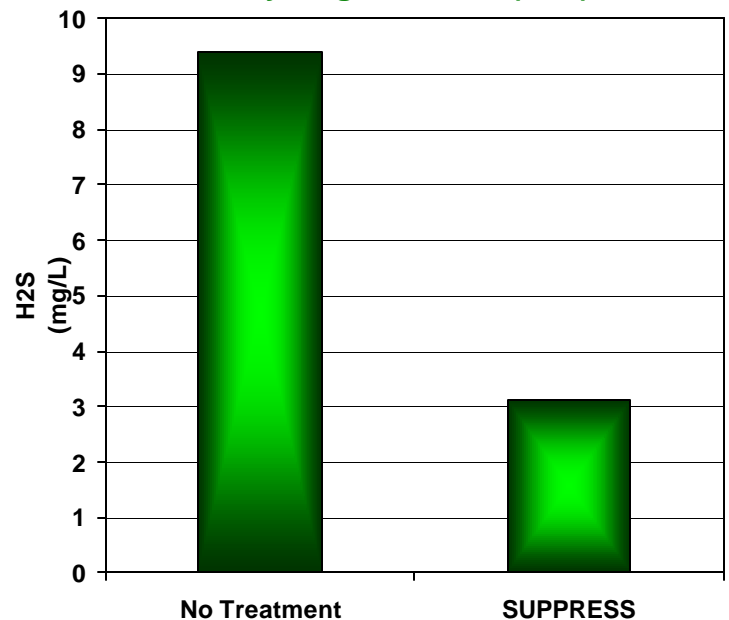
ORGANIC ODOR CONTROL



Improve Employee and Animal
Safety and Health

H ₂ S Levels (PPM)	Resulting Condition/ Effects on Humans
0.13	Minimal perceptible odor.
4.60	Easily detected, moderate odor.
10	Beginning eye irritation. Permissible Exposure Level, 8 hrs. (OSHA, ACGIH)
27	Strong, unpleasant odor, but not intolerable.
100	Coughing, eye irritation, loss of sense of smell after 2 to 5 min.
200-300	Marked conjunctivitis (eye inflammation) and respiratory tract irritation after one hour of exposure.
500-700	Loss of consciousness, cessation (stopping or pausing) of respiration, and death.
1000-2000	Unconsciousness at once, with early cessation of respiration and death in a few minutes. Death may occur even if individual is removed to fresh air.

SUPPRESS[®] applied to manure at 1000 ppm at a 300-sow operation for 7 weeks eliminated over 2/3 of the hydrogen sulfide (H₂S)



Source: American National Standards Institute (ANSI Standard No. Z37.2-1972 CHLORINE GAS DATA SHEET)

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