

ODOR BUSTER™

Natural Odor Reducer



What is Odor Buster?

Odor Buster is a natural feed additive for odor reduction. It is a special formulation designed to improve the living environment of livestock and poultry and to reduce ammonia and hydrogen sulfide odor in animal waste pits. The active ingredients are saponins which are sapogenin glycosides derived mainly from yucca plant extracts. Saponins have been approved by the US FDA as a food adjunct.

Reducing Ammonia To Increase Animal Performance

Ammonia is released by the decomposition of animal waste by bacteria. Ammonia is very volatile. In a confined area such as chicken houses, ammonia is quickly dispersed in the area and may reach the levels which are harmful to animal health. At a level as low as 11 ppm ammonia can reduce animal performance and increase the animals' susceptibility to disease due to damage to the respiratory tract membranes.

Odor Buster restricts or prevents the urine-enzyme reactions and thereby reduces ammonia production in poultry litter and the manure pit. The active ingredients in **Odor Buster** can also bind to ammonia directly which prevents ammonia from escaping into the air.

Product Profile:

Form: Powder or liquid

Function: Reduces unpleasant odor in animal living environment and wastes

Shelf life: 3 years



Advantages:

- Can be fed or used for waste treatment
- Helps reduce ammonia
- Non-synthetic

Key Features:

- Increases animal performance and environment
- Reduces stress
- Restricts urine-enzyme reactions
- Binds ammonia directly



Effect of Ammonia on Animal and Human Health

Ammonia Concentration	Effects	
	Animal	Human
5 ppm	-	Detectable by smell
11 ppm	Reduced performance	Maximum tolerable level
25 ppm	Induced respiratory illness	Eye and respiratory irritation
50 ppm	Increased pneumonia and other diseases	Headache, nausea
100 ppm	Sneezing, salivation	Mucous irritation
300+ ppm	Extremely shallow and irregular breath followed by convulsion	-

Odor Buster can be used in premixes, base mixes, concentrates and complete feed. It can also be mixed with water and used in water systems, medicators or sprayed directly to reduce odors and help sludge decomposition.

