

Unlimited. **DSM**

DSM Nutritional Products

1 (800) 526 0189

www.unlimitednutrition-na.dsm.com

Copyright ©2010 All rights reserved.

DSM10-0287/0810



LITTERGUARD. A BETTER ENVIRONMENT FOR GROWTH

LitterGuard 



DSM Nutritional Products

Unlimited. **DSM**

LITTER MANAGEMENT IS A FACT OF LIFE

LitterGuard is a true win-win management tool: environmentally friendly to poultry, people and natural resources, it reduces ammonia and pathogenic microbial load – improving health, performance and productivity.

Plus, your bottom line benefits, even more! LitterGuard saves real dollars by minimizing energy needs, increasing organic waste decomposition, decreasing litter cleanout and replacement, and helping preserve groundwater and soil integrity!

Good litter is:

- Dry, but not dusty
- Absorbent
- Low pathogenic bacteria load

Litter quality impacts:

- Bird (and worker) respiratory health
- Microbe numbers and viability
- Ventilation requirements
- Power usage/cost
- Heating needs/cost
- Worker health
- Bird performance

Why use litter amendment products?

- Litter is going to be reused
 - Environmental regulatory restrictions
 - Scarcity of litter sources
 - Increased cost of cleaning – labor and equipment
- Reduce ammonia levels
- Improve bird performance
- Decrease pathogenic bacteria load
- Improve litter quality
- Improve paw quality

LitterGuard is:

- A scientifically formulated combination of selected microbes and highly soluble humates
- It can be sprayed on all types of litter to improve the decomposition of poultry manure to
 - Reduce odors
 - Improve bird performance
- All-Natural
- Non-corrosive
- Odor-reducing

What's in LitterGuard?

- Beneficial microbes uniquely able to decompose poultry waste
- A proprietary mixture of humic acids that protect the microbes during shipment and supports rapid growth upon application to the litter.

How does LitterGuard work?

- It's mixed with water and sprayed on litter
- Microbes immediately begin releasing accumulated ammonia
- Microbes continue to work throughout growout, reducing ammonia and regenerating the litter bed



LitterGuard

- Treats the entire house – not just the brood-end
- Reduces odor and ammonia production
- Regenerates litter bed
- Beneficial microbes out-compete pathogenic ones
- Environmentally friendly
- Economical to use
- Savings on new litter
- Savings on clean out
- Improved bird performance
- Better working environment