

# Eliminate Harmful Effects of Ammonia

Stalls, Barns, Trailers, Kennels and Pens



for  
more  
info



## Stall DRY<sup>®</sup>

Absorbent & Deodorizer



Your  **3-in-1** Advantage!

Less Odor Means Fewer Flies  
Safe for All Animals  
For use in Organic Production

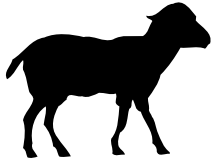


Keep your Pens, Calving and Foaling Stalls  
Clean, Dry and Ammonia Free with Stall DRY<sup>®</sup>

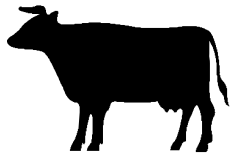
# Superior Absorbency & Odor Control



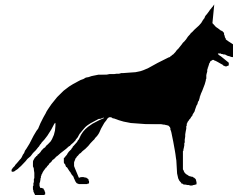
Non-Toxic  
Non-Caustic  
Non-Corrosive  
Safe to Use  
Reduces Respiratory Irritation



An effective stall management tool made from a naturally occurring blend of diatomaceous earth and montmorillonite clay.



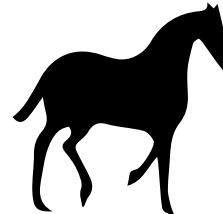
Neutralizes ammonia, absorbs moisture and provides 3 times the coverage of Hydrated Lime.



An all-natural, no risk solution for your pets needs.



Reduces stall management costs by extending the life of the bedding and savings on labor.



Use in stalls, barns, pens, kennels and trailers.



Deodorizes, sanitizes and creates a healthier and drier environment for you and your animals.

## Healthier & Happier



### HYDRATED LIME DOES NOT CONTROL AMMONIA

Hydrated Lime causes deposited animal wastes to generate airborne ammonia faster.

#### WHY?

Urine contains urea [CO(NH<sub>2</sub>)<sub>2</sub>], which naturally breaks down over time to produce ammonia [NH<sub>3</sub>] gas. Using an animal bedding with high alkalinity (high pH) increases the rate of urea breakdown and results in more ammonia gas becoming airborne, where it can irritate your animal's eyes, lungs, sinuses, mouth and skin. Only a modest application of hydrated lime is needed to see a large jump in the pH of bedding. With a pH below 6, **Stall Dry**<sup>®</sup> can slow urea breakdown and will not cause irritated lungs or burns associated with airborne hydrated lime.

#### STOP USING HYDRATED LIME!!!

**DO NOT** use Hydrated Lime for ammonia control. If high concentrations of hydrated lime dust are inhaled, irritation to the respiratory tract will occur. Personal protective equipment should be worn at all times when using hydrated lime.

#### HYDRATED LIME:

- Irritates the respiratory tract
- Burns when in the presence of moisture
- Irritates the gastrointestinal tract when ingested
- Risk of severe and permanent eye damage
- Dermatitis due to prolonged skin contact

#### AMMONIA SOLUTION

##### Stall DRY<sup>®</sup>:

- Absorbs its weight in liquid
- Extends the life of bedding
- Neutralizes Ammonia
- Inhibits bacteria growth
- OMRI<sup>®</sup> listed for use in organic production



**Stall DRY**<sup>®</sup> is an all-natural product made from a unique blend of diatomaceous earth and montmorillonite clay. Creates a healthier, drier environment for you and your animals.

Protect your  
Animals'  
Respiratory System





# Product Comparison

## Stall DRY® (used as directed) will:

- Neutralize ammonia with a pH of <6
- Extend the life of bedding
- Control flies
- Absorb 130% of its own weight in liquid repeatedly
- Create a drier, healthier environment for animals
- Eliminate odors

*Remember to also add some Stall DRY® to your manure prior to dumping it as it reduces the odor of the manure while binding nitrogen and phosphorous that plants thrive on. This gives you a more compostable, drier product for spreading in your garden.*

## Stall DRY®

- All natural, safe and non-caustic
- One 40 lb bag covers 1,000 sq. ft or 6X more coverage than a zeolite based product
- Costs less than 50 cents a day.



	Sweet PDZ (powder)	Sweet PDZ (granular)	STALL DRY® Advantage
Moisture Content (%)	3.10	3.25	<b>5.35</b>
Absorption (ml/g)	0.60	0.64	<b>1.25</b>
% by weight	60.0	64.0	<b>125</b>
Ammonia Odor Remaining (ppm)			
1 hour	>500	300	<b>200</b>
3 hours	400	200	<b>75</b>
4 hours	325	150	<b>30</b>

	Dry Stall	STALL DRY® Advantage
Moisture Content (%)	1.60	<b>5.35</b>
Absorption (ml/g)	0.50	<b>1.25</b>
% by weight	50	<b>125</b>
Ammonia Odor Remaining (ppm)		
1 hour	>500	<b>200</b>
3 hours	>500	<b>75</b>
4 hours	>500	<b>30</b>

	HYDRATED LIME	STALL DRY® Advantage
Absorption (ml/gm)	0.37	<b>1.25</b>
Ammonia Odor 120 min	strong	<b>none</b>
Corrosiveness	high	<b>non-corrosive</b>
Protective Equipment:		
Gloves	yes	<b>not required</b>
Goggles	yes	<b>not required</b>
Respirator	yes	<b>dust mask</b>
Reactive to acids	very high	<b>*non-reactive</b>
WHMIS Regulated	yes	<b>no</b>
Caustic to:		
Eyes	very high	<b>non-caustic</b>
Skin	very high	<b>non-caustic</b>
Lungs	very high	<b>non-caustic</b>

\* not including Hydrofluoric Acid

## Safe to Use



# Stall DRY® Instructions

## Stall DRY®

is composed of a natural unique blend of Diatomaceous Earth and Calcium Montmorillonite clay. In granular form, has the ability to neutralize ammonia and absorb odors and moisture. **Stall DRY®** leaves your stall, barn, cage, trailer or pen smelling fresh. Due to its non-caustic and non-toxic make-up, **Stall DRY®** is safe to use on all types of surfaces: dirt, wood, concrete, metal and rubber mats. When used daily **Stall DRY®** can improve the health of your animals, by reducing ammonia, odors and moisture levels in their stalls and pens. In addition, **Stall DRY®** can reduce bedding and labour costs associated with stall management.

### Application Instructions:

- Apply approximately 4-5 lbs over the entire surface of your 10' x 10' stall.
- Place your bedding over the **Stall DRY®** (use whatever bedding you normally use).
- For daily maintenance apply ½-1 lbs of **Stall DRY®** over the wet bedding only, then go pick out the manure.
- With your muck fork toss the bedding where you applied **Stall DRY®**. This will allow **Stall DRY®** to come in contact with the urine and will neutralize the ammonia and begin to dry the wet bedding, thus extending the life of your bedding.

### Rubber Mat Application:

- Apply approximately 4-5 lbs over the entire surface of the mats.
- Apply a small amount along the edges and seams of the mats. This will prevent the urine from seeping under the mats and creating an ammonia odor you can't get to unless you take the mats up.
- If needed, apply 6-8 lbs under the mats prior to applying to the surface. This will keep your stalls and mats odor free and extend the life of the mats as well.

### Manure Application:

Every 2-3 days sprinkle 1-2 lbs of **Stall DRY®** over the manure pile (either in the spreader or the pile). This will control the odors, speed up composting, bind nutrients in the manure and allow you to use your manure in your fields, gardens or wherever you use it in an environmentally safe manner.

### Other Uses:

**Stall DRY®** can be used in rabbit pans, cat litter boxes, as an oil absorbent on your driveway or any other application where you have odors or wetness. It can be sprinkled on carpet (when your cat or dog has an accident), in the basement for that mildew, musty smell or if you spill something that smells. It will absorb it quickly and take the odor away.

### Water Clean-Up:

- Remove all excess standing water with water vac, mop or other suitable device.
- Once the standing water has been removed, apply up to half an inch of **Stall DRY®** on top of the sub-floor, concentrating on applying the product alongside the walls, including closeted areas going out 6 inches.
- Where dry wall has been removed, apply **Stall DRY®** alongside and in-between the studs.
- Let product sit until dry. For best results leave in place until installing new dry wall and flooring.
- Sweep up. If vacuuming use a Shop Vac. Do not use a household vacuum for this purpose.
- Dispose of used material.



## Stall Odor Solution

# Stall DRY® is also useful

CALVING PENS  
FFA CLUBS  
TRAILER DEALERS  
STABLES  
TRAINING CENTERS  
VETERINARIANS  
HOLDING PENS  
WET BASEMENTS  
STORAGE SHEDS  
BABY CHICK DISPLAYS  
SAFETY COMMITTEES  
OIL SPILLS  
SMALL INDUSTRIES  
TOOL RUST INHIBITOR  
MANURE PILES (flies)  
DUMPSTERS

CHICKEN COOPS  
WILD BIRD DUSTER  
FIRE DEPT.  
RABBIT BREEDERS  
PET STORES  
STATE / COUNTY FAIRS  
SKUNK ODOR  
MOLDY BASEMENTS  
GARDEN TOOL STORAGE  
FLOODED DWELLINGS  
PUPPY STORES  
MOST CHEMICALS  
SCHOOL BUSES  
RURAL FIRE DEPT.  
GARBAGE CANS  
KENNELS

BIRD HOUSES  
ALPACA FARMS  
USE AS CAT LITTER  
BOARDING FACILITIES  
HUMANE SOCIETIES  
RODEOS  
FISH ODORS  
DAMP CRAWL SPACES  
ANIMAL FAIR GROUNDS  
GARDENERS  
ANIMAL TESTING FACILITIES  
CAR MILK-SPILLS  
MUSTY CLOSETS  
MOUNTED POLICE HORSES  
COW RUB



**Environmentally Friendly Solutions**

*connect  
with us on*



To learn more about our products and view customer testimonials visit us at  
[www.absorbentproducts.com](http://www.absorbentproducts.com)

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Liquids & Spills**

