



A product of The Premier Green

CHICKEN REMEDIATION



The Premier Green is an all-natural line of products from The Premier Source.

The Premier Source

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Chickens & Poultry

Zeolite Premier's Positive Effects on Chickens, Layers & Broilers

- US FDA classified as "GRAS" (generally regarded as safe) for animals and humans
- When used as a bedding breaks down Ammonia in manure.
- Dries manure, holds the Nitrogen, phosphorous, and potassium as well as other nutrients for use as a fertilizer.
- Dry bedding reduces hock burn and other foot ailments.
- Breaking down of Ammonia reduces fly infestation.
- Reduces ammonia found internally in chicks and chickens (see next page)
- Decreases mortality rate of chicks.
- Reduction of Ammonia internally and in the henhouse assists in the production of eggs with thicker shells. Reducing the number of eggs rejected due to cracks.

COST SAVINGS; PER 100 CHICKENS

Normal	With Zeolite Premier
• Chick mortality rate 5%	Reduced Dramatically
• Cracked egg shell rate 3-4%	Reduced due to thicker shells
• Cleaning coop daily cost	Once per year
• Deep cleaning twice per year	Once a year
• Labor /hour/ day	Once every six (6) months
• Change bedding daily	Change once a year
• Reduced electricity usage for running fans to remove odor, as Zeolite Premier breaks down odor.	



Hen/Poultry Feed /Bedding Enhancement

- Zeolite Premier is considered 100% safe and non-toxic by the FDA.
- Reduces ammonia gas from confined space.
- Eliminates urine generated odors in hen/poultry bedding.
- Controls moisture content, reduces fly infestation.
- Dry bedding assists in new borne and confined poultry health.
- Increases eggshell thickness.
- Reduced ammonia levels increase gradable egg production, reduces foot pad burns.
- Reduced ammonia levels in hen houses aids in reducing respiratory illnesses.
- Reduces mortality rates in chicks.
- As a feed:
 - A. Increases total weight of broilers
 - B. Increases number of delivered eggs
- Captures Nitrogen from ammonia to assist in odor reduction when bedding is used as compost.
- When mixed with manure reduces odor, fly infestation, and provides a slow nitrogen release fertilizer.

Suggested applications: Feed

Broilers - 30 kg per ton

Layers - 20 kg per ton

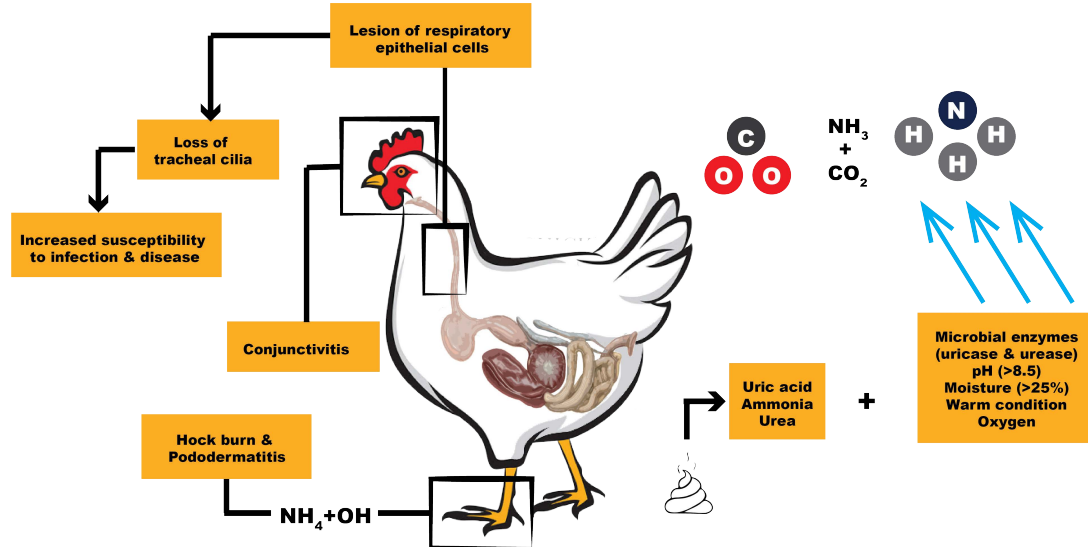
Do not exceed 2% of daily feed ration

Bedding, compost, and manure piles:

Cover hen house floor with ½ inch Zeolite Premier.

Mix a layer of Zeolite Premier to manure/compost pile prior to turning.

Effects of Ammonia Levels on Chicken and Humans



Ammonia Level

<p>10 ppm</p>	<p>Respiratory tract of turkeys receives some damage and interfere with the bird's ability to clear bacteria from their lungs</p> <p>Level barely detectable by human sense of smell</p>
<p>25 ppm</p>	<p>Damage to lungs and air sacs is noticeable in 48 hours in birds</p> <p>Bacteria and viruses causing fowl cholera, infectious bronchitis and colisepticemia can more easily invade the lungs and air sacs</p> <p>Maximum level of exposure allowed for a 10-minute exposure for humans by OSHA</p>
<p>50 ppm</p>	<p>Significant lung and air sac damage in birds in as little as 1 to 2 weeks</p> <p>Egg numbers will decline in a month and less in ten weeks</p> <p>The sexual maturity of pullets will be delayed, and egg numbers will be reduced once egg production begins</p> <p>Extremely dangerous to animals and humans, Increased possibility of permanent damage to respiratory tracts of humans and animals</p>
<p>100 ppm</p>	<p>Feed intake and body weight will decline significantly over the course of a month</p> <p>Decreased shell thickness and size</p> <p>Extreme irritation to mucus membranes in animals and humans</p> <p>Dangerously close to lethal levels</p>

Animal Bedding

- The addition of Zeolite Premier (dusting/layering) in stalls, coops and containment enclosures will control moisture levels resulting from manures and enclosure operations.
- The results are reduced odors as well as bacterial growth and insect infestations. (Fly reduction)
- The absorption of Ammonia (splitting the compound into Nitrogen and water) reduces the acidity of the enclosure's floor, thereby protecting the animals' feet/hooves from harmful exposure.
- Leading cause of illness in chicken is wet damp feet.

Animal Manure Treatment

- The adsorption of ammonia and other nutrients from discharged liquids and solids by treating it with Zeolite Premier shows to significantly reduce the volatilization of ammonia and other potentially harmful airborne particulates.
- Early treatment of manures with Zeolite Premier can enhance the retention of Ammonium Nitrogen by as much as 60% over untreated manure.
- This retention produces a readily available source of useable Nitrogen as a soil amendment and a net reduction of Nitrogen and Nitrogen based compounds lost to volatilization of ammonia gas.
- The addition of Zeolite Premier to waste streams (manure piles) will reduce their moisture content, enhance handling, reduces fly infestation, and reduces odors.

Waste Composition Per Ton

Nitrogen=N Phosphorus=P Potassium=K

Poultry Manure

> 75 % moisture: N 20-88 lbs: P 29-119lbs: K 3-82 lbs.

Beef Manure

>85% moisture: N 11-30 lbs: P 4-14 lbs: K 10-40 lbs.

Dairy Manure

> 85% moisture: N 10-40 lbs: P 6-10 lbs: K 8-30 lbs.





Contact:

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