

# ENDURAGest™

## Waste odor-eaters

EnduraGest™ uses specially formulated microbes to reduce livestock odor by breaking down ammonia and animal / vegetable oils and greases. Add EnduraGest directly to waste handling locations and animal houses to increase manures' fertilizer value.



## ENDURAGEST BENEFITS



### EnduraGest Poultry Application

- 60% ammonia reduction
- Drier litter for fewer ammonia-induced ailments, including foot burn
- Lower mortality and higher vitality



### EnduraGest Lagoon Application

When added to stage one lagoons:

- Reduces solids and bottom muck layer
- Reduces odor by a factor of at least 50%
- Increases efficiency of stage two ponds, resulting in higher quality gray water



### EnduraGest Pit Application

- Reduces odor and solids
- Minimizes muck-outs
- Increases run-time between full clean-outs



**LEGION**  
**BIO CHEM**  
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## ENDURA GEST APPLICATION RATES

### Poultry house

- 1.2 ounces per 1,000 square feet
- Application must be made in a total water volume of 3 gallons per 1,000 square feet
- Application must be made a minimum of 7 days prior to bird placement
- Houses should be treated for every new rotation

### Lagoon

- **Initial treatment** - 32 ounces per surface acre
- At approximately 60 day intervals after initial treatment, maintenance rate is 8 ounces per surface acre
- Slurry before adding to tank

### Pit

- **Initial treatment** - 16 ounces per 100,000 gallon capacity
- Maintenance rate is 8 ounces per 100,000 gallon capacity at approximately 60 day intervals

### See results

Nutrient availability from waste assessment<sup>1</sup>.

Application method	Nutrients available for first crop (lb. / 1,000 gal.)											
Soil incorporated	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Ca	Mg	S	Fe	Mn	Zn	Cu	B	Na
Pre-treatment	2.24	10.9	0.83	5.7	1.99	3.41	4.40	0.10	0.19	0.11	T*	0.11
Post-treatment	4.46	22.3	1.02	10.0	5.10	3.40	5.42	0.19	0.38	0.21	0.01	0.14

<sup>1</sup>Actual waste reports from state agronomic division, 2015.

\*T=trace



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