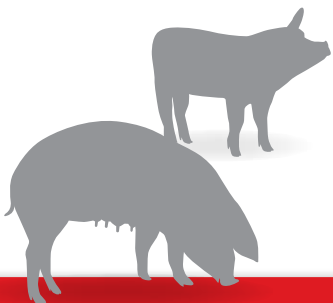




# FORMULA 542™ MANURE PIT ADDITIVE

REDUCE ORGANIC SOLIDS AND  
OFFENSIVE PROBLEM ODORS

- › Reduces solids
- › Reduces foaming and crusting
- › Scientifically-formulated natural plant-based multi-enzyme blend



**FORMULA 542™ Manure Pit Additive from PigTek is a scientifically-formulated, multi-enzyme blend that reduces organic solids as well as offensive problem odors.**

# FORMULA 542™ MANURE PIT ADDITIVE

## What You Need to Know

- > Reduces solids.
- > Reduces foaming and crusting.
- > Initial dose is 35 parts per million of pit capacity (Example: 35 gallons for a one million gallon capacity pit).
- > Maintenance dose is 10 parts per million each month.
- > Uses natural plant-based enzymes.

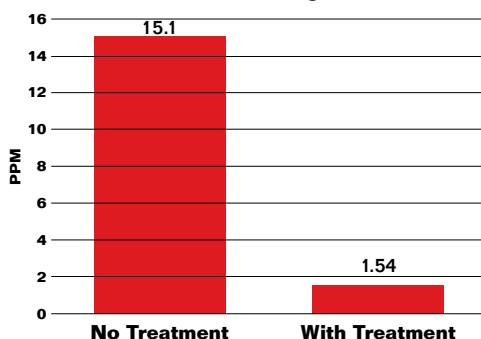
## Ammonia (NH<sub>3</sub>) Reduction with Odor Reduction Test Results

- > **Odors were reduced by up to 90%.** The data collected on atmospheric conditions were taken 2 feet above the floor – where the hogs breathe.
- > During the warmer seasons, the **reduction in ammonia is 90%.** In the colder seasons, the reduction is slightly less, at **80%.**
- > The disparity in percentages is that the higher air flow during warmer months helps to reduce intense ammonia levels.



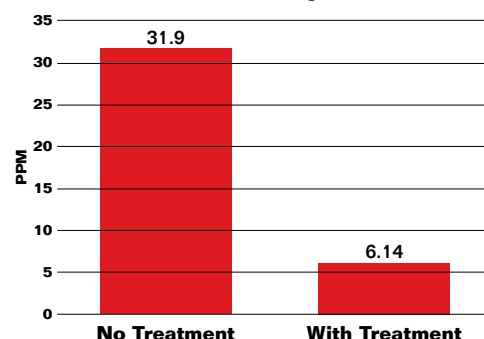
Before Treatment

**Warm Season (Average PPM NH<sub>3</sub>)**



After Treatment with PigTek's Formula 542™ Manure Pit Additive

**Cold Season (Average PPM NH<sub>3</sub>)**



## Dosing Calculator

Examples for Treatment Amounts and Treatment Schedule to Maintain Pit Based On Capacity

Manure Pit Capacity	1st Charge	3 Months Maintenance		2nd Charge	3 Months Maintenance		3rd Charge	3 Months Maintenance	
A) 1,000,000 Gallon capacity	35 gallons	30 gallons (10/mo.)	Disinfect & 48-hr wait between new groups	35 gallons	30 gallons (10/mo.)	Disinfect & 48-hr wait between new groups	35 gallons	30 gallons (10/mo.)	Disinfect & 48-hr wait between new groups
B) 500,000 Gallon capacity	17.5 gallons	15 gallons (5/mo.)		17.5 gallons	15 gallons (5/mo.)		17.5 gallons	15 gallons (5/mo.)	
C) 250,000 Gallon capacity	8.75 gallons	7.5 gallons (2.5/mo.)		8.75 gallons	7.5 gallons (2.5/mo.)		8.75 gallons	7.5 gallons (2.5/mo.)	
D) 100,000 Gallon capacity	3.5 gallons	3 gallons (1/mo.)		3.5 gallons	3 gallons (1/mo.)		3.5 gallons	3 gallons (1/mo.)	
E) 50,000 Gallon capacity	1.75 gallons	1.5 gallons (0.5/mo.)		1.75 gallons	1.5 gallons (0.5/mo.)		1.75 gallons	1.5 gallons (0.5/mo.)	

Item #	Product Description
PT1162	2.5 Gallon Jug (Qty 2 in Carton = 5 Gallons)
PT1163	55 Gallon Drum
PT1164	275 Gallon Tote

