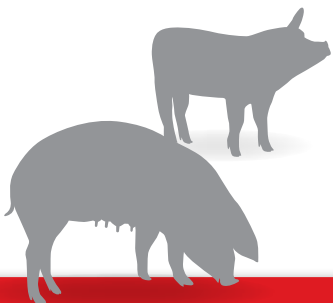




FORMULA 542[®] MANURE PIT ADDITIVE

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

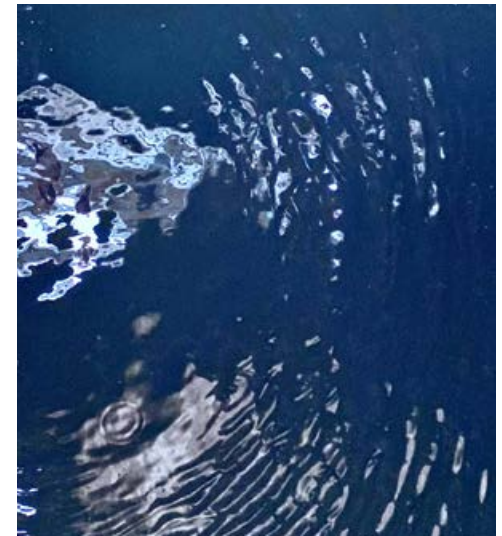
- > Reduces solids.
- > Reduces foaming and crusting.
- > Initial dose is 35 gallon (133 liter) parts per million gallon (3,790,000 liter) of pit capacity (Example: 35 gallons [133 liters] for a one million gallon [3,790,000 liter] capacity pit).
- > Maintenance dose is 10 gallon (38 liter) parts per million gallon (3,790,000 liter) each month.
- > Uses natural plant-based enzymes.

Ammonia (NH₃) Reduction with Odor Reduction Test Results

- > **Odors were reduced by up to 90%.** The data collected on atmospheric conditions were taken 2 feet (610 mm) 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.

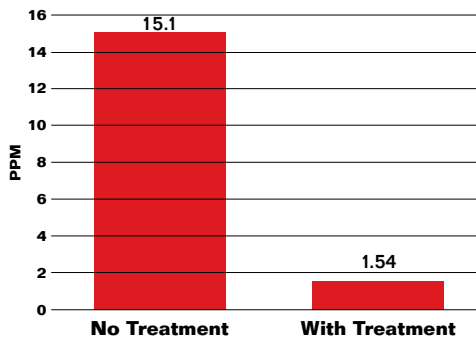


Before Treatment

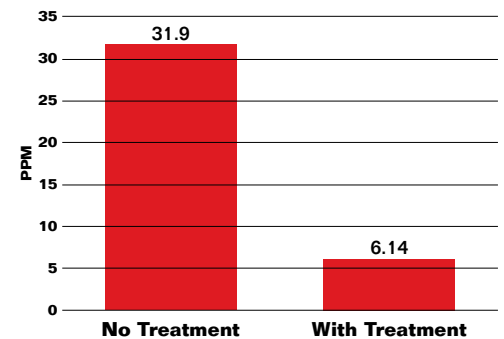


After Treatment with PigTek's Formula 542® Manure Pit Additive

Warm Season (Average PPM NH₃)



Cold Season (Average PPM NH₃)



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 (3,790,000 Liter) capacity	35 Gallons (133 Liters)	30 Gallons (114 Liters) 10 gal (38 L)/mo.	Disinfect & 48-hr wait between new groups	35 Gallons (133 Liters)	30 Gallons (114 Liters) 10 gal (38 L)/mo.	Disinfect & 48-hr wait between new groups	35 Gallons (133 Liters)	30 Gallons (114 Liters) 10 gal (38 L)/mo.	Disinfect & 48-hr wait between new groups
B) 500,000 Gallon (1,890,000 Liter) capacity	17.5 Gallons (66 Liters)	15 Gallons (57 Liters) 5 gal (19 L)/mo.		17.5 Gallons (66 Liters)	15 Gallons (57 Liters) 5 gal (19 L)/mo.		17.5 Gallons (66 Liters)	15 Gallons (57 Liters) 5 gal (19 L)/mo.	
C) 250,000 Gallon (946,000 Liter) capacity	8.75 Gallons (33 Liters)	7.5 Gallons (28 Liters) 2.5 gal (9.5 L)/mo.		8.75 Gallons (33 Liters)	7.5 Gallons (28 Liters) 2.5 gal (9.5 L)/mo.		8.75 Gallons (33 Liters)	7.5 Gallons (28 Liters) 2.5 gal (9.5 L)/mo.	
D) 100,000 Gallon (379,000 Liter) capacity	3.5 Gallons (13 Liters)	3 Gallons (11 Liters) 1 gal (3.8 L)/mo.		3.5 Gallons (13 Liters)	3 Gallons (11 Liters) 1 gal (3.8 L)/mo.		3.5 Gallons (13 Liters)	3 Gallons (11 Liters) 1 gal (3.8 L)/mo.	
E) 50,000 Gallon (189,000 Liter) capacity	1.75 Gallons (6.6 Liters)	1.5 Gallons (5.7 Liters) 0.5 gal (1.9 L)/mo.		1.75 Gallons (6.6 Liters)	1.5 Gallons (5.7 Liters) 0.5 gal (1.9 L)/mo.		1.75 Gallons (6.6 Liters)	1.5 Gallons (5.7 Liters) 0.5 gal (1.9 L)/mo.	

Item #	Product Description
PT1162	2.5 Gallon (9.5 Liter) Jug (Qty 2 in Carton = 5 Gallons/19 Liters)
PT1163	55 Gallon (208 Liter) Drum
PT1164	275 Gallon (1041 Liter) Tote

