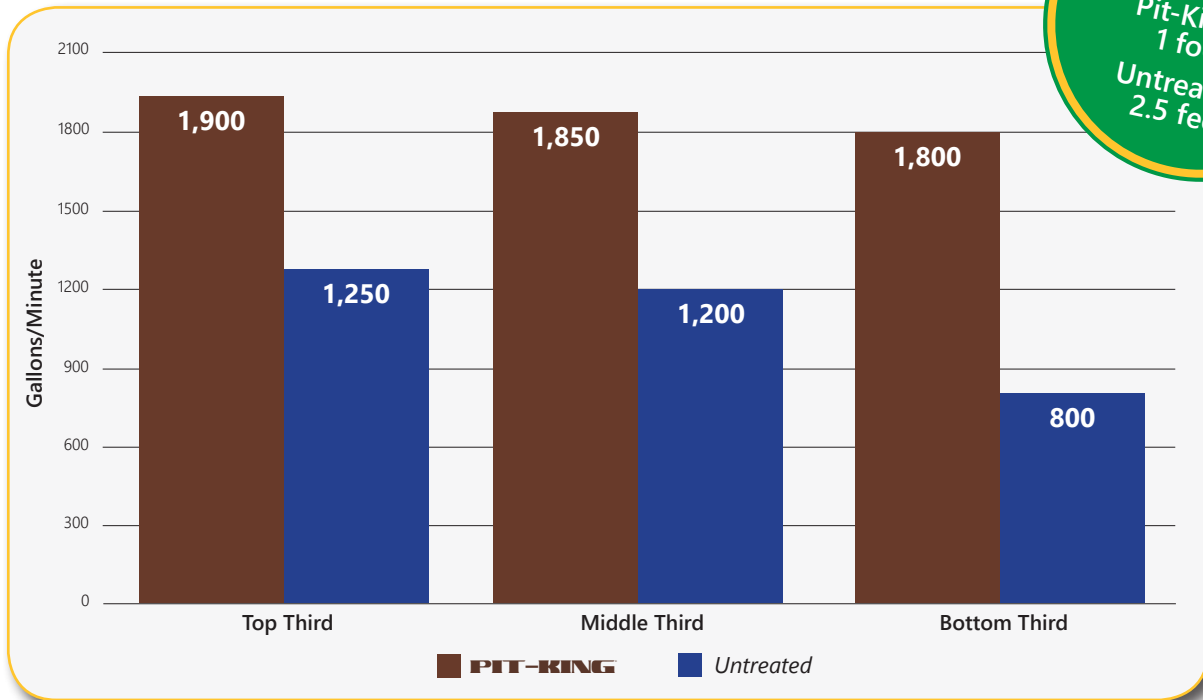




ON-FARM RESULTS

A year-by-year comparison on a large farm in eastern Iowa showed Pit-King® produced more pumpable manure and had less unpumped sludge remaining

PUMPING RATE COMPARISON (gallons/minute on 1.14 miles of tubing)



UNPUMPED REMNANTS
Pit-King®: 1 foot
Untreated: 2.5 feet

WHAT ABOUT AGITATION?

On a separate farm in northwest Illinois, treating with Pit-King® helped reduce agitation time in their pit. Without Pit-King®, after five hours of agitation, the pit still ended up with two feet of unpumpable solids. However, after treating with Pit-King®, the pit needed no agitation and experienced nearly one less foot of unpumpable solids.

With less agitation and more pumpable manure, this resulted in a significant cost savings to the farm in terms of time spent and quantity of manure removed from the pit.



“CAPTURING THE NUTRITIONAL VALUE IN FEEDS IS THE KEY TO PROFIT.”



ON-FARM RESULTS

In addition to being more pumpable, Pit-King® treated manure maintained a consistent nutrient analysis from top to bottom.

NUTRIENT ANALYSIS OF TREATED MANURE

Top Third SN1552237		Middle Third SN1552238		Bottom Third SN1552239	
Lab Moisture	92.0%	Lab Moisture	91.1%	Lab Moisture	91.7%
Calcium (Ca)	2.1%	Calcium (Ca)	2.09%	Calcium (Ca)	2.06%
Magnesium (Mg)	1.03%	Magnesium (Mg)	0.94%	Magnesium (Mg)	0.94%
Potassium (K)	3.55%	Potassium (K)	3.33%	Potassium (K)	3.4%
Nitrogen (N)	7.86%	Nitrogen (N)	7.17%	Nitrogen (N)	7.56%
Phosphorous (P)	1.65%	Phosphorous (P)	1.59%	Phosphorous (P)	1.55%
Sodium (Na)	0.73%	Sodium (Na)	0.71%	Sodium (Na)	0.74%
Sulfur (S)	0.66%	Sulfur (S)	0.63%	Sulfur (S)	0.63%
Iron (Fe)	1138 ppm	Iron (Fe)	1142 ppm	Iron (Fe)	1108 ppm
Copper (Cu)	38 ppm	Copper (Cu)	56 ppm	Copper (Cu)	48 ppm
Zinc (Zn)	450 ppm	Zinc (Zn)	493 ppm	Zinc (Zn)	458 ppm
Manganese (Mn)	225 ppm	Manganese (Mn)	213 ppm	Manganese (Mn)	217 ppm
Molybdenum (Mo)	1.9 ppm	Molybdenum (Mo)	1.9 ppm	Molybdenum (Mo)	1.8 ppm
Aluminum (Al)	788 ppm	Aluminum (Al)	862 ppm	Aluminum (Al)	771 ppm
Boron (B)	13 ppm	Boron (B)	11 ppm	Boron (B)	12 ppm
Protein	49.13%	Protein	44.79%	Protein	47.23%
Ammonia	50,850 ppm	Ammonia	48,589 ppm	Ammonia	50,289 ppm



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