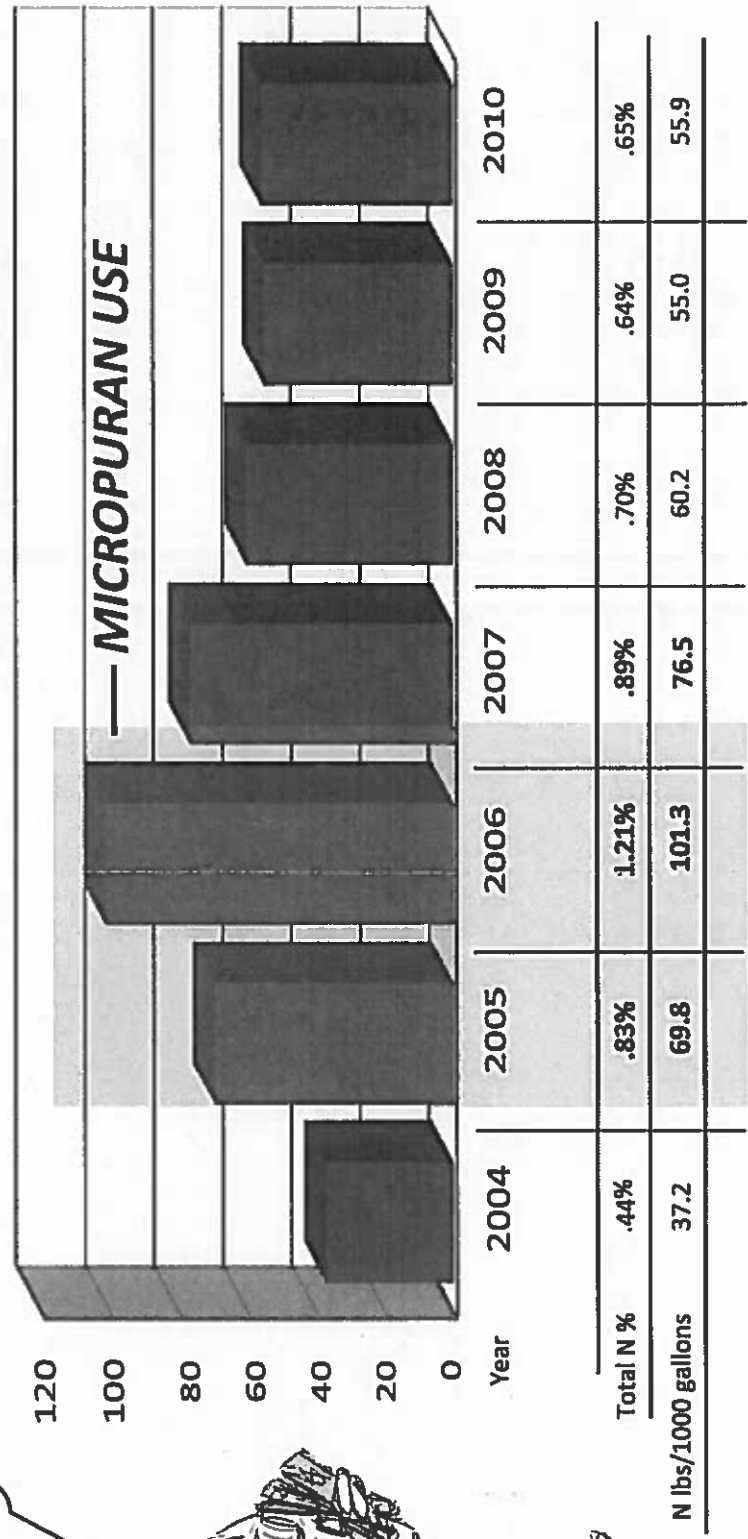


In 2005 a Nebraska pork producer, started to use Micropuran on his 2400 head grow/finish barn. In the spring of 2007 he decided to follow the advice of his feed company when they told him they were including ingredients in their feed that would control odor and reduce manure build up in his pit. According to the feed company he could reduce cost on his operation during a down market by excluding Micropuran. Let's look at the results.



Summary of the manure assays sent in every fall:
Total N/1000 gallons



This graph shows that when Micropuran was used the level of nitrogen recovery was greatly improved. Phosphorus recovery was improved but that could be attributed to several factors (e.g. phytase enzymes).



Let's do some math...

What is the cost of NOT using Micropuran? Let's do the calculations:

N Recovery Micropuran (2006) 101.3 lbs / 1000 gallons
N recovery commercial feed program (2010) 55.9 lbs / 1000 gallons
Micropuran advantage 45.4 lbs / 1000 gallons

Micropuran shows an 81% improvement in nitrogen recovery over this commercial feed program.

Let's look at the cost/return on a grow /finish barn with 2400 head of pigs . It will produce approximately 800,000 gallons of slurry each fall:

Micropuran advantage 45.4 lbs/1000 gallons
1000 galloon manure units/barn 800
Additional N/barn 36,320 lbs of N/barn

Anhydrous Ammonia is the least expensive form of commercial nitrogen. It is 82% nitrogen. How much Anhydrous would we replace with Micropuran?

36,320 lbs additional N / .82 = 44,292 lbs. of Anhydrous Ammonia equivalent

That's 22 tons of Anhydrous Ammonia. What is Anhydrous costing you today? Let's use \$600/ton

Dollars/ ton of Anhydrous 600
22tons Anhydrous 22
Total dollars returned \$13,200

As generous as we are, we still need to charge for products we sell so this is not all profit. Cost of the first year of treatment should be approximately \$3,000/barn and approximately \$1,500/barn in future years .

Total dollars returned \$13,200
Cost of first year treatment \$3,000
Net return in the first year \$10,200

MORAL OF THE STORY-

When you work out the math you understand why this Nebraska pork producer couldn't afford the feed companies savings that came with a higher fertilizer bill.

He started using Micropuran again in the spring of 2011

Want to know more? Call

A NEBRASKA PORK PRODUCER'S STORY

OR HOW TO SQUEEZE A LITTLE MORE PROFIT FROM YOUR HOGS!

