

## Hog Manure Results #2

Barn: Coshocton County – 2 barns (1 treated, 1 untreated)

Time: 6 months

<u>Test Results</u>	<u>Untreated</u>	<u>Treated</u>
Lbs/Gallon	8.76	8.92
Ph	8.7	8.6
Total Solids %	1.97	5.98
Moisture	98.03	94.02
N	22.0	32.0
Available N	10.6	16.0
Ammonia N	19.4	30.3
Available Ammonia	9.7	15.1
Organic N	2.6	1.8
Available Organic N	.9	.9
P	5.3	12.5
P2O5	12.3	29.4
K	16.7	24.9
K2O	20.2	30.3
Calcium	6.2	10.7
Magnesium	4.4	11.6
Manure Value	.031/gallon	.050/gallon

<u>Fertilizer Price</u>	<u>August 2014</u>
N	.60/unit
P	.38/unit
K	.67/unit

All units are in pounds/thousand gallon and no value was given for increase in Calcium or Magnesium.

The price of the treatment was \$3,400.00 - \$1,000.00 (shock) -\$400.00 (per month for 6 months)

Manure value if the barn had 800,000 gallons

Treated Barn: \$40,000.00

Untreated Barn: \$25,040.00

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\$14,960.00 difference

Treatment Cost: - \$3,400.00

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**\$11,560.00 advantage**

\*\*note: difference in total solids removed 4%. The pit was treated at 2x the recommended amount for test purposes.