

### Hog Manure Results #3

Barn: Marion, Ohio

Time: 3 months with shock

<u>Test Results</u>	<u>Untreated</u>	<u>Treated</u>
Lbs/Gallon	8.92	8.84
Ph	7.9	7.0
Total Solids %	3.72	10.71
Moisture	96.28	89.29
N	53.4	65.1
Available N	24.0	29.0
Ammonia N	36.5	42.2
Available Ammonia	17.8	21.1
Organic N	16.9	21.1
Available Organic N	5.3	7.9
P	2.7	15.8
P2O5	6.2	37.0
K	32.9	34.3
K2O	40.1	41.4
Calcium	3.6	15.0
Magnesium	3.6	9.7
Manure Value	.049/gal	.075/gal

<u>Local Fertilizer Price/unit</u>	<u>August 2015</u>
N	.56/unit
P	.60/unit
K	.40/unit

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

Note difference in total solids

Local fertilizer price per unit was averaged 28% was .67 and urea was .45

Manure value if the barn had 800,000 Gallon

Treated Barn: \$ 59,200

Untreated Barn: \$39,200

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\$ 20,000

Treatment Cost: - \$ 1,300

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**\$ 18,700 advantage**