

## Value of Manure Compared to Fertilizer

### Commercial Fertilizer

Market Value as of April 1,2008

<b>Nitrogen</b>	<b>Price per Ton</b>	<b>Price per pound of N</b>
Anhydrous Ammonia (NH3)	\$795	\$0.48
Liquid 28% (28%N)	\$380	\$0.68

	<b>Price per Ton</b>	<b>Price per pound of P2O5</b>	<b>Price per pound of N</b>
<b>Phosphorus</b>			
DAP (18-46-0)	\$1,100	\$1.20	\$3.06

	<b>Price per Ton</b>	<b>Price per pound of K2O</b>
<b>Potassium</b>		
Potash (0-0-60)	\$700	\$0.58

*\*Price does not include application cost.*

### What is the value of Manure generated by the farm?

*price per 1000 gal for liquid manure and price per ton for solid manure, based upon average market value of comercial fertilizer*

	<b>N</b>	<b>P2O5</b>	<b>K2O</b>
Holding Pond	\$4.34	\$4.30	\$3.27

	<b>Manure Produced (gallons)</b>	<b>Value of Manure Based on N</b>	<b>Value of Manure Based on P2O5</b>
Facilty			
Holding Pond	16,418,739	\$71,266.79	\$70,671.96
<b>Total</b>		<b>\$71,266.79</b>	<b>\$70,671.96</b>

### Manure

Analysis estimates from Midwest Plan Service

	<b>Total N</b>	<b>P2O5</b>	<b>K2O</b>
	<i>lbs/1000 gal raw waste</i>		
Dairy Holding Pond	7.5	3.6	5.6