

## Value of Manure Compared to Fertilizer

### Commercial Fertilizer

Market Value as of April 1,2008

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

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

Potassium	Price per Ton	Price per pound of K2O
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*

	N	P2O5	K2O
Liquid	\$9.26	\$9.45	\$10.50
Solid	\$5.21	\$3.59	\$3.50

Facility	Manure Produced	Value of Manure Based on N	Value of Manure Based on P2O5
Liquid	7,000,000 Gal	\$64,819.28	\$66,119.57
Solid	400 ton	\$2,083.48	\$1,434.78
<b>Total</b>		<b>\$66,902.75</b>	<b>\$67,554.35</b>

### Manure

Analysis estimates from Midwest Plan Service

	Total N	P2O5	K2O
<b>Dairy</b>	<i>lbs/1000 gal raw waste</i>		
<b>Liquid</b>	<b>16</b>	<b>7.9</b>	<b>18</b>
	<i>lbs/ton raw waste</i>		
<b>Solid manure</b>	<b>9</b>	<b>3</b>	<b>6</b>