

## 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?

<i>price per 1000 gal for liquid manure and price per ton for solid manure, based upon average market value of comercial fertilizer</i>			
	N	P2O5	K2O
Liquid	\$25.18	\$22.36	\$12.83
Solid	\$6.02	\$6.10	\$3.62

Facilty	Manure Produced	Value of Manure Based on N	Value of Manure Based on P2O5
Liquid	3,064,481 Gal	\$77,149.36	\$68,517.80
Solid	1530 Tons	\$9,208.97	\$9,329.67
<b>Total</b>		<b>\$86,358.33</b>	<b>\$77,847.47</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>43.5</b>	<b>18.7</b>	<b>22</b>
	<i>lbs/ton raw waste</i>		
<b>Solid manure</b>	<b>10.4</b>	<b>5.1</b>	<b>6.2</b>