

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 commercial 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
Total		\$66,902.75	\$67,554.35

Manure

Analysis estimates from Midwest Plan Service

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