

MANURE NUTRIENT ANALYSIS REPORT



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ANALYSIS FOR: WY SOCKI PRODUCE FARM
DATE PROCESSED: 04/11/2013
DATE SAMPLED: 04/04/2013
SAMPLE NUMBER: 22150
MATERIAL: Dairy
SAMPLE TYPE: A
STORAGE SYSTEM: LIQUID

		Estimated Available Nutrient Credits			
		Total Nutrients lbs/1000 gal	In 1st Year of Application lbs/1000 gal	If Applied 2 Consecutive Yrs lbs/1000 gal	If Applied 3 Consecutive Yrs lbs/1000 gal
DRY MATTER, %	2.00				
MOISTURE, %	98.00				
Nitrogen (Injected)	19.92	7.97	9.96	10.96	
Nitrogen(Surface Applied)	19.92	5.98	7.97	8.96	
Phosphorus as P ₂ O ₅	3.16	1.89	2.21	2.37	
Potassium as K ₂ O	15.04	12.03	13.54	14.29	
Sulfur	1.06	0.64	0.74	0.80	
Estimated Value of Available Nutrients		\$11.69	\$14.13	\$15.35	

MINOR ELEMENTS *3

Calcium: 2.05%	Zinc: 352 ppm	NH4-N: 0.230%
Magnesium: 1.52%	Manganese: 224 ppm	NO3-N: 0.001%
Copper: 945 ppm	Sodium: 3.15%	
Iron: 1447 ppm		

COMMENTS

- *1 Applications of manure on the same field for 2 consecutive years increases availability of N, P, K, and S by 10%, and for 3 or more consecutive years by 15%. Availability of N changes depending on application technique. Injection or incorporation within 3 days of application results in higher N availability.
- *2 Value based on commercial fertilizer costs as of 08/10/2012.
N (Urea)\$0.74/lb, P₂O₅ (Triple Superphosphate)\$0.71/lb, K₂O (Potash)\$0.48/lb, S (Elemental Sulfur)\$0.23/lb.
- *3 If minor elements are requested, they are reported on a 'dry matter' basis. If ammonia, nitrate or pH are requested, they are reported on an 'as is' basis.