

# MANURE NUTRIENT ANALYSIS REPORT



**AgSource**  
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CENTRAL SANDS DAIRY  
N15927 CTY G  
NEKOOSA, WI 54457

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ANALYSIS FOR: CENTRAL SANDS  
DATE PROCESSED: 04/11/2013  
DATE SAMPLED: 04/04/2013  
SAMPLE NUMBER: 22153  
MATERIAL: Dairy  
SAMPLE TYPE: B  
STORAGE SYSTEM: SOLID

DRY MATTER, % 30.40		Estimated Available Nutrient Credits			
MOISTURE, % 69.60		Total Nutrients lbs/ton	In 1st Year of Application lbs/ton	If Applied 2 Consecutive Yrs lbs/ton	If Applied 3 Consecutive Yrs lbs/ton
Nitrogen (Injected)		8.40	3.36	4.20	4.62
Nitrogen(Surface Applied)		8.40	2.52	3.36	3.78
Phosphorus as P <sub>2</sub> O <sub>5</sub>		3.90	2.34	2.73	2.92
Potassium as K <sub>2</sub> O		4.38	3.50	3.94	4.16
Sulfur		1.16	0.69	0.81	0.87
Estimated Value of Available Nutrients			\$5.37	\$6.50	\$7.07

**MINOR ELEMENTS \*3**

Calcium: 0.84%	Zinc: 88 ppm	NH4-N: 0.200%
Magnesium: 0.40%	Manganese: 97 ppm	NO3-N: 0.001%
Copper: 176 ppm	Sodium: 0.27%	
Iron: 493 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, P<sub>2</sub>O<sub>5</sub> (Triple Superphosphate)\$0.71/lb, K<sub>2</sub>O (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.