

# MANURE NUTRIENT ANALYSIS REPORT



**AgSource**  
Laboratories

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AGSOURCE LABORATORIES

106 N. CECIL STREET

BONDUEL, WI 54107

PHONE (715)758-2178 FAX (715)758-2620

CENTRAL SANDS DAIRY  
N15927 CTY G  
NEKOOSA, WI 54457

ACCT: 1303

ANALYSIS FOR: Wysocki Farms

DATE PROCESSED: 06/27/2013

DATE SAMPLED: 06/24/13

SAMPLE NUMBER: 22800

MATERIAL: Dairy

SAMPLE TYPE: B

STORAGE SYSTEM: LIQUID

**DRY MATTER, % 1.74**

**MOISTURE, % 98.26**

Nitrogen:  
( > 72h or Not Inc)

Nitrogen:  
(Inc in 1 to 72h)

Nitrogen:  
(Inc within 1h or Inj)

Phosphorus as P<sub>2</sub>O<sub>5</sub>

Potassium as K<sub>2</sub>O

Sulfur

Estimated Value of  
Available Nutrients

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
Nitrogen: ( > 72h or Not Inc)	14.11	4.23	1.41	0.71
Nitrogen: (Inc in 1 to 72h)	14.11	5.64	1.41	0.71
Nitrogen: (Inc within 1h or Inj)	14.11	7.06	1.41	0.71
Phosphorus as P <sub>2</sub> O <sub>5</sub>	2.58	2.06	0.00	0.00
Potassium as K <sub>2</sub> O	13.19	10.55	0.00	0.00
Sulfur	0.95	0.52	0.10	0.05
Estimated Value of Available Nutrients		\$9.97	\$0.83	\$0.41

**MINOR ELEMENTS \*3**

Calcium: 2.45%	Zinc: 393 ppm	NH4-N: 0.160%
Magnesium: 1.76%	Manganese: 289 ppm	NO3-N: 0.00200%
Copper: 1107 ppm	Sodium: 3.31%	
Iron: 1427 ppm		

**COMMENTS:**

- \*\*1 Applications of manure on the same field for 2 consecutive years increases the availability of N and S by 10%, and for 3 or more consecutive years by 15%. There is zero availability on P and K for 2 or more consecutive years. 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 06/15/2013.  
N (Urea)\$0.57/lb, P2O5 (Triple Superphosphate)\$0.62/lb, K2O (Potash)\$0.43/lb, S (Elemental Sulfur) \$0.25/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.
- \*\*References: Nutrient application guidelines for field, vegetable, and fruit crops in Wisconsin (A2809), Table 9.1