



AgSource Laboratories

A Subsidiary of Cooperative Resources International

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Manure Analysis

Submitted By: **BN00870**
KNUTZEN CROP CONSULTING INC
N3549 PAMELA LN
NEW LONDON, WI 54961-8843

Submitted For:
Krueger Dairy

Laboratory Sample #
AV06375

Date Received
9-May-2016

Date Reported
11-May-2016

Date Sampled
5/4/2016

Information Sheet #
M20386

Sample Id: **Kroenke 1**

Livestock Type: **Dairy**

Manure Type: **Liquid**

Dry Matter: **7.82 %**

Moisture: **92.18 %**

Nitrogen: **> 72h or Not Inc**

Inc in 1 to 72h

Inc within 1h or Inj

Phosphorus as **P₂O₅**

Potassium as **K₂O**

Sulfur

Estimated Value of Available Nutrients

Estimated Available Nutrient Credits				
	Total Nutrients lbs/1000 gal	In 1st Year of Application lbs/1000 gal	In 2nd Year of Application lbs/1000 gal	In 3rd Year of Application lbs/1000 gal
	26.56	7.97	2.66	1.33
		10.62	2.66	1.33
		13.28	2.66	1.33
	8.47	6.78	0.00	0.00
	27.58	22.06	0.00	0.00
	3.49	1.92	0.35	0.17
		\$15.58	\$1.18	\$0.59

Minor Elements *3

Calcium	Magnesium	Copper	Iron	Zinc	Manganese	Sodium
1.92 %	1.10 %	857 ppm	2123 ppm	228 ppm	299 ppm	0.97 %

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 the application technique. Injection or incorporation within 3 days of application results in higher N availability.

***2** Value based on commercial fertilizer costs as of 03/07/2016.

N(Urea) \$0.4 / lb, P2O5(Diammonium Phosphate(DAP)) \$0.51 / lb, K2O(Potash) \$0.28 / lb, S(Elemental Sulfur) \$0.33 / 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

DISCLAIMER: Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.