



AgSource Laboratories

A Subsidiary of Cooperative Resources International

106 N. Cecil Street
 Bonduel, WI 54107
 (715) 758-2178
 bonduel@agsource.com

Manure Analysis

Submitted By: **BN00711**
PAGELS PONDEROSA
N4893 COUNTY ROAD C
KEWAUNEE, WI 54216

Submitted For:
Pagels Ponderosa

Laboratory Sample #
AW14115 - AW14118

Date Received
5-Aug-2016

Date Reported
08-Aug-2016

Date Sampled
8/3/2016

Information Sheet #
M201204

Sample Id: **Pit 3**

Livestock Type: **Dairy**

Manure Type: **Liquid**

Dry Matter: **3.98 %**

Moisture: **96.02 %**

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
	19.92	5.98	1.99	1.00
		7.97	1.99	1.00
		9.96	1.99	1.00
	8.61	6.89	0.00	0.00
	22.74	18.19	0.00	0.00
	2.01	1.11	0.20	0.10
		\$12.96	\$0.86	\$0.43

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.



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Sample Id: Pit 4

Livestock Type: Dairy

Manure Type: Liquid

Dry Matter: 2.75 %

Moisture: 97.25 %

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
	15.77	4.73	1.58	0.79
		6.31	1.58	0.79
		7.89	1.58	0.79
	6.22	4.98	0.00	0.00
	19.84	15.87	0.00	0.00
	1.48	0.81	0.15	0.07
		\$10.41	\$0.68	\$0.34

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Sample Id: Clydehill Bedpack 1

Livestock Type: Dairy

Manure Type: Solid

Dry Matter: 51.81 %

Moisture: 48.19 %

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/Ton	In 1st Year of Application lbs/Ton	In 2nd Year of Application lbs/Ton	In 3rd Year of Application lbs/Ton
11.00	2.75	1.10	0.55	
	3.30	1.10	0.55	
	3.85	1.10	0.55	
4.47	3.58	0.00	0.00	
19.24	15.39	0.00	0.00	
2.00	1.10	0.20	0.10	
	\$8.04	\$0.51	\$0.25	

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Sample Id: Clydehill Bedpack 2

Livestock Type: Dairy

Manure Type: Solid

Dry Matter: 43.75 %

Moisture: 56.25 %

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/Ton	In 1st Year of Application lbs/Ton	In 2nd Year of Application lbs/Ton	In 3rd Year of Application lbs/Ton
Nitrogen	30.40	7.60	3.04	1.52
Inc in 1 to 72h		9.12	3.04	1.52
Inc within 1h or Inj		10.64	3.04	1.52
Phosphorus	7.05	5.64	0.00	0.00
Potassium	14.29	11.43	0.00	0.00
Sulfur	1.84	1.01	0.18	0.09
Estimated Value of Available Nutrients		\$10.67	\$1.28	\$0.64

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