



# AgSource Laboratories

A Subsidiary of Cooperative Resources International

106 N. Cecil Street  
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## Manure Analysis

Submitted By: **BN00619**  
**CARLSEN CROP CONSULTING**  
N11040 HWY D  
CLINTONVILLE, WI 54929

Submitted For:  
**Matsche Farms**

Laboratory Sample #  
**AW78523 - AW78524**

Date Received  
**7-Oct-2016**

Date Reported  
**10-Oct-2016**

Date Sampled  
**10/7/2016**

Information Sheet #  
**M201821**

Sample Id: **Cows-6**

Livestock Type: **Dairy**

Manure Type: **Liquid**

Dry Matter: **6.12 %**

Moisture: **93.88 %**

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

Inc in 1 to 72h

Inc within 1h or Inj

Phosphorus as  $P_2O_5$

Potassium as  $K_2O$

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
		<b>21.58</b>	<b>6.47</b>	<b>2.16</b>	<b>1.08</b>
			<b>8.63</b>	<b>2.16</b>	<b>1.08</b>
			<b>10.79</b>	<b>2.16</b>	<b>1.08</b>
		<b>8.50</b>	<b>6.80</b>	<b>0.00</b>	<b>0.00</b>
		<b>32.00</b>	<b>25.60</b>	<b>0.00</b>	<b>0.00</b>
		<b>2.10</b>	<b>1.16</b>	<b>0.21</b>	<b>0.11</b>
			<b>\$14.81</b>	<b>\$0.93</b>	<b>\$0.47</b>

### Minor Elements \*3

Calcium	Magnesium	Copper	Iron	Zinc	Manganese	Sodium
<b>1.65 %</b>	<b>0.85 %</b>	<b>56 ppm</b>	<b>520 ppm</b>	<b>278 ppm</b>	<b>230 ppm</b>	<b>0.50 %</b>

### 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 09/01/2016.

N(Urea) \$0.4 / lb, P2O5(Diammonium Phosphate(DAP)) \$0.51 / lb, K2O(Potash) \$0.26 / lb, S(Elemental Sulfur) \$0.32 / 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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Information Sheet #  
**M201821**

Sample Id: **Cows-10**

Livestock Type: **Dairy**

Manure Type: **Liquid**

Dry Matter: **2.80 %**

Moisture: **97.20 %**

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

Inc in 1 to 72h

Inc within 1h or Inj

Phosphorus as  $P_2O_5$

Potassium as  $K_2O$

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
	<b>12.45</b>	<b>3.74</b>	<b>1.25</b>	<b>0.62</b>
		<b>4.98</b>	<b>1.25</b>	<b>0.62</b>
		<b>6.23</b>	<b>1.25</b>	<b>0.62</b>
	<b>4.65</b>	<b>3.72</b>	<b>0.00</b>	<b>0.00</b>
	<b>15.67</b>	<b>12.54</b>	<b>0.00</b>	<b>0.00</b>
	<b>1.38</b>	<b>0.76</b>	<b>0.14</b>	<b>0.07</b>
		<b>\$7.89</b>	<b>\$0.54</b>	<b>\$0.27</b>

### Minor Elements \*3

Calcium	Magnesium	Copper	Iron	Zinc	Manganese	Sodium
<b>3.07 %</b>	<b>1.50 %</b>	<b>404 ppm</b>	<b>806 ppm</b>	<b>318 ppm</b>	<b>310 ppm</b>	<b>1.59 %</b>

### Comments:

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