Manure Analysis

AgSource LABORATORIES

Submitted By: **BN04561**

BARTLINGS MANITOWISH CRANBERRY CO
13141 MAN CRAN LANE
MANITOWISH WATERS, WI 54545-9070

Submitted For:
Bartlings Manitowish Cranberry

Laboratory Sample #
BV08747

Date Received	Date Reported	Date Sampled	Information Sheet #
5-May-2020	07-May-2020	5/5/2020	M215572

Sample Id: Cranberry Leaf Compost **Livestock Type:** DAIRY **Manure Type:** Solid

Dry Matter: 25.83 %
Moisture: 74.17 %

		Total Nutrients lbs/Ton	Estimated Available Nutrient Credits: In 1st Year of Application lbs/Ton	In 2nd Year of Application lbs/Ton	In 3rd Year of Application lbs/Ton
Nitrogen:	> 72h or Not Inc	5.02	1.26	0.50	0.25
	Inc in 1 to 72h		1.51	0.50	0.25
	Inc within 1h or Inj		1.76	0.50	0.25
Phosphorus	as P_2O_5	0.94	0.76	0.00	0.00
Potassium	as K_2O	1.43	1.15	0.00	0.00
Sulfur		0.49	0.27	0.05	0.02
Estimated Value of Available Nutrients			$1.43	$0.20	$0.10

Minor Elements *3

Calcium	Magnesium	Copper	Iron	Zinc	Manganese	Sodium
1.67 %	0.29 %	39 ppm	3737 ppm	42 ppm	599 ppm	0.03 %

Other Manure Tests:

NH4-N: 0.13 lbs/Ton	OM: 65.22		
NO3-N: 0.01 lbs/Ton	pH: 6.5		

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 ferilizer costs as of 01/08/2018.

N(Urea) $0.364 / lb, P2O5(Diammonium Phosphate(DAP)) $0.522 / lb, K2O(Potash) $0.274 / lb, S(Elemental Sulfur) $0.304 / 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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