

Report Number
F18177-6008
Account Number
61518



3505 Conestoga Dr.
Fort Wayne, IN 46808
260.483.4759
algreatlakes.com

To: MORGAN COMPOSTING
4353 US HIGHWAY 10
SEARS, MI 49679-8706

Lab Number: 99857
Sample ID: K2 BLEND 06191802
Manure Type: POULTRY, SOLID W/O LITTER (10)

Date Sampled: 6/19/2018
Date Received: 6/26/2018
Date Reported: 6/28/2018 Page: 1 of 4

MANURE ANALYSIS

Analysis	Unit	Analysis Result (As Received)	Pounds Per Ton	First Year Availability [@] Pounds Per Ton
Moisture	%	23.31	466	
Solids	%	76.69	1534	
Ash @ 550 C	%	51.65	1033.0	
Organic Matter (LOI @ 550 C)	%	25.04	500.8	
Organic Carbon (LOI @ 550 C)	%	14.53	290.5	
Carbon:Nitrogen Ratio (C:N)	-	8.0:1		
Nitrogen, Total (TKN)	%	1.827	36.5	28.7 *
Nitrogen, Ammonium (NH ₄ -N)	%	0.850	17.0	17.0 *
Nitrogen, Organic (N)	%	0.977	19.5	11.7 *
Phosphorus (P)	%	0.730	33.4 (as P ₂ O ₅)	33.4 * (as P ₂ O ₅)
Potassium (K)	%	1.294	31.0 (as K ₂ O)	31.0 * (as K ₂ O)
Sulfur (S)	%	6.41	128.2	70.5 #

[@] Estimate of first-year availability does not account for incorporation losses. Consult MWPS-18, "Livestock Waste Facilities Handbook" for additional information.

* Source: MWPS-18, Livestock Waste Facilities Handbook, 1993 # Source: A3411, "Manure Nutrient Credit Worksheet", University of Wisconsin

Report Approved By:

Approval Date: 6/28/2018

Don Burgess - Agronomist / Technical Services - CPAg/CPSS/CCA

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LABORATORIES
Scientists who don't mind getting dirty.™

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MANURE ANALYSIS

Analysis	Unit	Analysis Result (As Received)	Pounds Per Ton	First Year Availability [®] Pounds Per Ton
Magnesium (Mg)	%	0.40	8.0	4.4 #
Calcium (Ca)	%	13.45	268.9	148.0 #
Sodium (Na)	%	0.22	4.3	
Aluminum (Al)	ppm	1100	2.2	
Copper (Cu)	ppm	29	0.1	<0.1 #
Iron (Fe)	ppm	1035	2.1	1.3 #
Manganese (Mn)	ppm	230	0.5	0.3 #
Zinc (Zn)	ppm	223	0.4	0.3 #

[®] Estimate of first-year availability does not account for incorporation losses. Consult MWPS-18, "Livestock Waste Facilities Handbook" for additional information.

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