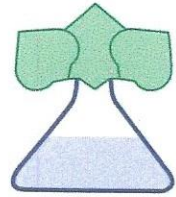


American Agricultural Laboratory, Inc.

700 West D Street / PO Box 370 / McCook, Nebraska 69001

Office: 308-345-3670 / FAX: 308-345-7880

www.AmAgLab.com



COMPOST REPORT

REVOLUTION SOIL AND SEED
9743 CR 16
FT LUPTON CO 80621

Account Number: 75195

Date Sampled: 10/18/2019

Date Received: 10/24/2019

Date Reported: 10/31/2019

Name: REVOLUTION SOIL AND SEED
Sample ID: PKATS1019

Lab Number: 29969

Constituent Analyzed	Results	lbs per ton (as received basis)	Method
Moisture	1.17 %		105 C 5HR
Solids	98.83 %		105 C 5HR
Ash	95.83 %		AOAC 942.05
C : N Ratio	5.87 :1		
pH	8.15 s.u.		SM 4500 B
Electrical Conductivity	4.07 mmhos/cm		SM 4500 B
Soluble Salts	0.51 %	10.2	SM 4500 B
Total Nitrogen (N)	0.24 %	4.8	AOAC 984.13
Organic Nitrogen (N)	0.23 %	4.6	TN-NH4-NO3
Ammonium-N (N)	0.0011 %	0.02	SM 4500 H
Nitrate-N (N)	0.0105 %	0.21	EPA 353.2
Phosphorus (P)	0.13 %	2.6	AOAC 985.01
Phosphorus (P2O5)		6.0	
Potassium (K)	0.31 %	6.2	AOAC 985.01
Potassium (K2O)		7.4	
Calcium (Ca)	0.59 %	11.8	AOAC 985.01
Magnesium (Mg)	0.21 %	4.2	AOAC 985.01
Sodium (Na)	0.06 %	1.2	AOAC 985.01
Chloride (Cl)	0.04 %	0.8	LACHAT12117071A
Sulfur (S)	0.07 %	1.4	AOAC 985.01
Zinc (Zn)	55.5 mg/kg	0.11	AOAC 985.01
Iron (Fe)	4656.4 mg/kg	9.31	AOAC 985.01
Manganese (Mn)	121.9 mg/kg	0.24	AOAC 985.01
Copper (Cu)	17.3 mg/kg	0.03	AOAC 985.01
Boron (B)	16.1 mg/kg	0.03	AOAC 985.01

BY _____

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"Analysis You Can Grow With"®



DATE 11/01/2019
Submitted By REVOLUTION SOIL AND SEED
Address 9743 CR 16
City, State, Zip FT LUPTON CO 80621

Re: Nutrient availability from manure application the first crop year after application

Name: REVOLUTION SOIL AND SEED
Sample ID: PKATS1019
Lab Number: 29969

Nutrient	% Availability 1st Year	Lbs/ton (as received basis)
Organic N	20%	0.91
Ammonium-N	95%	0.02
Nitrate-N	100%	0.21
Phosphorus (as P ₂ O ₅)	70%	4.17
Potassium (as K ₂ O)	90%	6.72
Calcium (as Ca)	55%	6.49
Magnesium (as Mg)	55%	2.31
Sodium (as Na)	90%	1.08
Chloride (as Cl)	100%	0.80
Sulfur (as S)	40%	0.56
Zinc (as Zn)	40%	0.04
Iron (as Fe)	40%	3.73
Manganese (as Mn)	40%	0.10
Copper (as Cu)	40%	0.01
Boron (as B)	40%	0.01

% Availability 1st year is an estimation of nutrient availability based on published information for feedlot manure.

Lbs/ton (as received basis) assumes the manure is broadcast and incorporated into the soil immediately after application.

Please contact us if you have any questions. Thanks.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kevin Grooms'.

Kevin Grooms