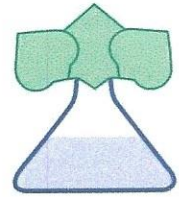


American Agricultural Laboratory, Inc.

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

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

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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: PKTS1019

Lab Number: 29970

| Constituent Analyzed | Results | lbs per ton (as received basis) | Method |
|-------------------------|---------------|------------------------------------|-----------------|
| Moisture | 4.90 % | | 105 C 5HR |
| Solids | 95.10 % | | 105 C 5HR |
| Ash | 93.81 % | | AOAC 942.05 |
| C : N Ratio | 5.37 :1 | | |
| pH | 7.33 s.u. | | SM 4500 B |
| Electrical Conductivity | 0.41 mmhos/cm | | SM 4500 B |
| Soluble Salts | 0.05 % | 1.0 | SM 4500 B |
| Total Nitrogen (N) | 0.10 % | 2.0 | AOAC 984.13 |
| Organic Nitrogen (N) | 0.10 % | 2.0 | TN-NH4-NO3 |
| Ammonium-N (N) | 0.0003 % | 0.01 | SM 4500 H |
| Nitrate-N (N) | 0.0042 % | 0.08 | EPA 353.2 |
| Phosphorus (P) | 0.08 % | 1.6 | AOAC 985.01 |
| Phosphorus (P2O5) | | 3.7 | |
| Potassium (K) | 0.15 % | 3.0 | AOAC 985.01 |
| Potassium (K2O) | | 3.6 | |
| Calcium (Ca) | 0.22 % | 4.4 | AOAC 985.01 |
| Magnesium (Mg) | 0.09 % | 1.8 | AOAC 985.01 |
| Sodium (Na) | 0.02 % | 0.4 | AOAC 985.01 |
| Chloride (Cl) | 0.00 % | 0.0 | LACHAT12117071A |
| Sulfur (S) | 0.02 % | 0.4 | AOAC 985.01 |
| Zinc (Zn) | 20.5 mg/kg | 0.04 | AOAC 985.01 |
| Iron (Fe) | 4058.1 mg/kg | 8.12 | AOAC 985.01 |
| Manganese (Mn) | 85.8 mg/kg | 0.17 | AOAC 985.01 |
| Copper (Cu) | 5.0 mg/kg | 0.01 | AOAC 985.01 |
| Boron (B) | 10.1 mg/kg | 0.02 | AOAC 985.01 |

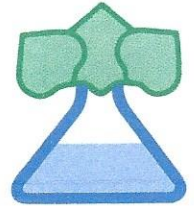
BY _____

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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: PKTS1019
Lab Number: 29970

| Nutrient | % Availability 1st Year | Lbs/ton (as received basis) |
|--|-------------------------|-----------------------------|
| Organic N | 20% | 0.38 |
| Ammonium-N | 95% | 0.01 |
| Nitrate-N | 100% | 0.08 |
| Phosphorus (as P ₂ O ₅) | 70% | 2.57 |
| Potassium (as K ₂ O) | 90% | 3.25 |
| Calcium (as Ca) | 55% | 2.42 |
| Magnesium (as Mg) | 55% | 0.99 |
| Sodium (as Na) | 90% | 0.36 |
| Chloride (as Cl) | 100% | 0.00 |
| Sulfur (as S) | 40% | 0.16 |
| Zinc (as Zn) | 40% | 0.02 |
| Iron (as Fe) | 40% | 3.25 |
| Manganese (as Mn) | 40% | 0.07 |
| Copper (as Cu) | 40% | 0.00 |
| 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