



Predictive

Client: Corre Robinson

Advisor:

Waste Report

[Links to Helpful Information](#)

Farm: F3122_T2807

Sampled: 01/27/2020

Received: 02/03/2020

Completed: 02/11/2020

PALS #: 505724

PALS #: 407465

Sample Information	Nutrient Measurements are given in units of parts per million (ppm), unless otherwise specified.												Other Results			
	Nitrogen (N)	P	K	Ca	Mg	S	Fe	Mn	Zn	Cu	B	Mo	C	Al	Na	Cl
ID: 202001	Total N: 19200	5330	10600	32800	6100	2470	10700	367	129	48.7	18.4	-	318000	7690	1850	-
Code: FCV	Inorganic:	SS		EC	pH	BD	CCE	ALE	C:N	DM						
Description: Vermicompost	NH ₄ -N	(10 ⁻⁵ S/cm)		(mS/cm)	(Unitless)	(lb/yd ³)	(%)	(tons)	(Unitless)	(%)						
Grower Comments: Pre-comp/Worm Castings	NO ₃ -N	459		4.59	6.92	-	-	-	16.6 : 1	38.0						
	Estimate of Nutrients Available for First Year (lb/ton)												Other Results (lb/ton)			
Application Method: Soil Incorporated	N	P ₂ O ₅	K ₂ O	Ca	Mg	S	Fe	Mn	Zn	Cu	B	Mo	Al	Na	Cl	
	14.6	9.27	9.69	24.9	4.64	1.88	8.17	0.28	0.10	0.04	0.01	-	5.85	1.41	-	

Agronomist's Comments: The electrical conductivity is high in this sample. If using this material in a container substrate mix, take this property into consideration. High EC can indicate good fertilizer value. High EC can also lead to root damage especially when the material is allowed to dry out. *



Tobacco Trust Fund Commission

Reprogramming of the laboratory-information-management system that makes this report possible is being funded through a grant from the North Carolina Tobacco Trust Fund Commission.

Thank you for using agronomic services to manage nutrients and safeguard environmental quality.

- Steve Troxler, Commissioner of Agriculture.

Corre Robinson

Sampled: 01/27/2020 | Received: 02/03/2020 | Completed: 02/11/2020

Page 2 of 2

Understanding the Waste Report

Nutrient concentrations and other data on this report are provided so that waste materials can be applied at agronomic rates, thereby supplementing or reducing fertilizer application and preventing environmental contamination. In reading the **Laboratory Results** section, remember that materials with < 15% dry matter (generally liquids) are analyzed as received; all other wastes are dried first. Values in the **Estimate of Nutrients Available for First Crop** section are based on the type of waste and method of application you specify and reflects the fact that only 40-60% of the nitrogen becomes available within one year of application. The remainder *may or may not* ever become available.

ALE is Agricultural Lime Equivalence. The ALE indicates the amount of the waste material that provides a limiting effect equivalent to one ton of agricultural grade limestone.

BD is Bulk Density in lb/yd³.

CCE is Calcium Carbonate Equivalence and is used to determine ALE.

C:N ratio is the Carbon:Nitrogen ratio.

DM% is percent Dry Matter [for semi-solid and solid waste, this value facilitates conversion of dry-basis concentrations (ppm) back to wet-basis of original sample].

EC (Electrical Conductivity) measures salinity, or soluble salts (SS).

pH measures basicity/acidity.

Al = Aluminum

As = Arsenic

B = Boron

Ca = Calcium

Cd = Cadmium

Cl = Chloride

Cr = Chromium

Cu = Copper

Fe = Iron

K = Potassium

Mg = Magnesium

Mn = Manganese

Mo = Molybdenum

N = Nitrogen

Na = Sodium

NH₄-N = Ammonium -N

Ni = Nickel

NO₃-N = Nitrate -N

P = Phosphorus

Pb = Lead

S = Sulfur

Se = Selenium

meq/L = milliequivalent per liter;

mS = millisiemens;

ppm = parts per million or mg/L;

S = siemens;

T = trace (<0.005 lb/unit)

Additional information: www.ncagr.gov/agronomi/pdffiles/uwaste.pdf & www.ncagr.gov/agronomi/pdffiles/wasteguide.pdf