

**Compost - Comprehensive**

**Prepared For:**

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**Sample Information:**

Sample ID: BPC2016

Order Number: 20141

Lab Number: C160314-107

Received: 3/14/2016

Reported: 3/29/2016

<b>Results</b>	<i>Analysis</i>	<i>Dry Weight Basis</i>	<i>Moist (as received) Weight Basis</i>	<i>Moist (as received) Volume Basis</i>
pH	7.75			
Soluble Salts	2.48 mmhos/cm			
Bulk Density				1398 lbs/cub yd
Percent Solids			31.6 %	441 lbs/cub yd
Moisture Content			68.4 %	957 lbs/cub yd
Organic Matter		28.6 %	9.02 %	126 lbs/cub yd
Total Nitrogen		1.00 %	0.31 %	4.40 lbs/cub yd
Organic Nitrogen		0.95 %	0.30 %	4.19 lbs/cub yd
Nitrate Nitrogen		423 mg/kg	133 mg/kg	
Ammonium Nitrogen		54.5 mg/kg	17.2 mg/kg	
Total Carbon		15.4 %	4.87 %	68.1 lbs/cub yd
C:N Ratio		15.5		
Phosphorus		0.40 %	0.13 %	1.78 lbs/cub yd
Potassium		0.78 %	0.25 %	3.46 lbs/cub yd
Calcium		1.38 %	0.44 %	6.10 lbs/cub yd
Magnesium		0.65 %	0.21 %	2.88 lbs/cub yd

**Optional Testing** *Dry Weight Basis*

**Micronutrients**

Boron	27.5 mg/Kg
Zinc	126 mg/Kg
Copper	37.5 mg/Kg
Iron	13510 mg/Kg

**Metals**

Lead	13.8 mg/Kg
Nickel	14.5 mg/Kg
Chromium	9.41 mg/Kg
Cadmium	1.60 mg/Kg

<b>Material:</b> Finished	<b>Feedstock:</b> Dairy manure, horse bedding, very small amount of food waste
<b>Age in weeks:</b> 52	<b>Intended Use:</b> Turf Establishment, Landscape Soil Amendment, Landscape Mulch, Ag Soil Amendment,
<b>Compost Method:</b> Windrow	<b>Interpreting your Compost Test Results</b> <a href="http://soiltest.umass.edu/fact-sheets/interpreting-your-compost-test-results">http://soiltest.umass.edu/fact-sheets/interpreting-your-compost-test-results</a>