

Compost - Comprehensive

Prepared For:

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Sample Information:

Sample ID: BMC/Compost

Order Number: 25280

Lab Number: C160916-102

Received: 9/16/2016

Reported: 9/28/2016

Results	Analysis	Dry Weight Basis	Moist (as received) Weight Basis	Moist (as received) Volume Basis
pH	6.56			
Soluble Salts	1.45 mmhos/cm			
Bulk Density				1218 lbs/cub yd
Percent Solids			77.2 %	941 lbs/cub yd
Moisture Content			22.8 %	277 lbs/cub yd
Organic Matter		19.6 %	15.1 %	184 lbs/cub yd
Total Nitrogen		0.75 %	0.58 %	7.09 lbs/cub yd
Organic Nitrogen		0.73 %	0.56 %	6.88 lbs/cub yd
Nitrate Nitrogen		225 mg/kg	174 mg/kg	
Ammonium Nitrogen		5.80 mg/kg	4.48 mg/kg	
Total Carbon		10.6 %	8.16 %	99.4 lbs/cub yd
C:N Ratio		14.0		
Phosphorus (as P2O5) *		0.41 %	0.31 %	3.82 lbs/cub yd
Potassium (as K2O) **		0.50 %	0.39 %	4.73 lbs/cub yd
Calcium		0.91 %	0.70 %	8.60 lbs/cub yd
Magnesium		0.25 %	0.20 %	2.38 lbs/cub yd

Optional Testing	Dry Weight Basis	Optional Testing	Dry Weight Basis
Micronutrients		Metals	
Boron	10.4 mg/K	Lead	95.4 mg/K
Zinc	130 mg/K	Nickel	10.1 mg/K
Copper	28.9 mg/K	Chromium	15.2 mg/K
Iron	7989 mg/K	Cadmium	1.03 mg/K

Material: Finished	Feedstock: Leaves, swine & cow manure, grass clippings
Age in weeks: 52	Intended Use: Turf Topdressing, Turf Establishment, Landscape Soil Amendment,
Compost Method: Windrow	
Interpreting your Compost Test Results	
http://soiltest.umass.edu/fact-sheets/interpreting-your-compost-test-results	

* To convert Phosphorus (as P2O5) into elemental Phosphorus (P), divide by 2.29

** To convert Potassium (as K2O) into elemental Potassium (K), divide by 1.20