

100 Elwood Davis Rd North Syracuse NY 13212

<u>Tel:</u> 315-453-2866 x1213

Fax:

Product Name: Amboy 1/2" Screened Compost

<u>Lab ID:</u> C11411

Report Date: __04/19/2019

Compost Technical Data Sheet

Compost Parameters	Reported as (units of measure)	Test Results	Test Results
Plant Nutrients:	%, weight basis	% wet weight basis	% dry weight basis
Nitrogen	Total N	1.13	1.92
Phosphorus	P_2O_5	0.29	0.50
Potassium	K ₂ O	0.52	0.88
Calcium	Ca	2.37	4.04
Magnesium	Mg	0.32	0.54
Moisture Content	%, wet weight basis	41.36	
Organic Matter Content	%, dry weight basis	61.01	
pH	unitless	7.88	
Soluble Salts (electrical conductivity)	dS/m (mmhos/cm)	4.91	
Particle Size	< 9.5 mm	93.75	
Stability Indicator (respirometry) CO ₂ Evolution	mg CO ₂ -C/g TS/day, AND mg CO ₂ -C/g OM/day	2.71 4.43	
Maturity Indicator (bioassay) Percent Emergence, AND Percent Seedling Vigor	% of control %	96.67 100.00	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	Pathogen test not performed	
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3		Mo, Ni, Se, and Zn are less than S EPA Class A Standard 40 CFR § 13



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Compost Parameters	Reported as (units of measure)	Test Results	
Plant Nutrients:		Not reported	
Moisture Content	%, wet weight basis	41.36	
Organic Matter Content	%, dry weight basis	61.01	
рН	unitless	7.88	
Soluble Salts (electrical conductivity)	dS/m (mmhos/cm)	4.91	
Particle Size	< 9.5 mm	93.75	
Stability Indicator (respirometry) CO ₂ Evolution	mg CO ₂ -C/g TS/day, AND mg CO ₂ -C/g OM/day	2.71 4.43	
Maturity Indicator (bioassay) Percent Emergence, AND Percent Seedling Vigor	% of control % PASS/FAIL: per US EPA Class A	96.67 100.00	
Select Pathogens	standard, 40 CFR § 503.32(a)	Pathogen test not performed	
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3	PASS: As, Cd, Cu, Pb, Hg, Mo, Ni, Se, and Zn are less than limits specifed by US EPA Class A Standard 40 CFR 503.13, Tables 1 and 3	



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Report Date: __04/19/2019

Compost Technical Data Sheet

Compost Parameters	Reported as (units of measure)	Test Results	Test Results
Plant Nutrients:	%, weight basis	% wet weight basis	% dry weight basis
Nitrogen	Total N	0.70	1.69
Phosphorus	P_2O_5	0.15	0.36
Potassium	K ₂ O	0.27	0.65
Calcium	Ca	2.99	7.18
Magnesium	Mg	0.43	1.04
Moisture Content	%, wet weight basis	58.35	
Organic Matter Content	%, dry weight basis	47.37	
рН	unitless	7.98	
Soluble Salts (electrical conductivity)	dS/m (mmhos/cm)	1.88	
Particle Size	< 9.5 mm	81.04	
Stability Indicator (respirometry) CO ₂ Evolution	mg CO ₂ -C/g TS/day, AND mg CO ₂ -C/g OM/day	0.35 0.71	
Maturity Indicator (bioassay) Percent Emergence, AND Percent Seedling Vigor	% of control %	93.33 96.67	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	Pathogen test not performed	
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3		Mo, Ni, Se, and Zn are less than IS EPA Class A Standard 40 CFR d 3



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Compost Technical Data Sheet

Compost Parameters	Reported as (units of measure)	Test Results	
Plant Nutrients:		Not reported	
Moisture Content	%, wet weight basis	58.35	
Organic Matter Content	%, dry weight basis	47.37	
рН	unitless	7.98	
Soluble Salts (electrical conductivity)	dS/m (mmhos/cm)	1.88	
Particle Size	< 9.5 mm	81.04	
Stability Indicator (respirometry) CO ₂ Evolution	mg CO ₂ -C/g TS/day, AND mg CO ₂ -C/g OM/day	0.35 0.71	
Maturity Indicator (bioassay) Percent Emergence, AND Percent Seedling Vigor	% of control %	93.33 96.67	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	Pathogen test not performed	
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3	PASS: As, Cd, Cu, Pb, Hg, Mo, Ni, Se, and Zn are less than limits specifed by US EPA Class A Standard 40 CFR 503.13, Tables 1 and 3	