

100 Elwood Davis Rd North Syracuse NY 13212

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

Fax:

Product Name: Amboy 1/4"

<u>Lab ID:</u> C12931

Report Date: 01/15/2021

## **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	0.88	1.64
Phosphorus	$P_2O_5$	0.29	0.54
Potassium	K <sub>2</sub> O	0.44	0.82
Calcium	Ca	3.45	6.47
Magnesium	Mg	0.43	0.80
Moisture Content	%, wet weight basis	46.64	
Organic Matter Content	%, dry weight basis	52.75	
рН	unitless	7.92	
Soluble Salts (electrical conductivity)	dS/m (mmhos/cm)	4.21	
Particle Size	< 9.5 mm	100.00	
Stability Indicator (respirometry) CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g TS/day, AND mg CO <sub>2</sub> -C/g OM/day	1.02 1.85	
Maturity Indicator (bioassay) Percent Emergence, AND Percent Seedling Vigor	% of control %	93.33 100.00	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	PASS: Salmonella < 3 MPN per 4·g of dry solids	
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 § 3

Participants in the US Composting Council's Seal of Testing Assurance Program have shown the commitment to test their compost products on a prescribed basis and provide this data, along with compost end use instructions, as a means to better serve the needs of their compost customers.



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Plant Nutrients:		Not reported
Moisture Content	%, wet weight basis	46.64
Organic Matter Content	%, dry weight basis	52.75
рН	unitless	7.92
Soluble Salts (electrical conductivity)	dS/m (mmhos/cm)	4.21
Particle Size	< 9.5 mm	100.00
Stability Indicator (respirometry) CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g TS/day, AND mg CO <sub>2</sub> -C/g OM/day	1.02 1.85
Maturity Indicator (bioassay) Percent Emergence, AND Percent Seedling Vigor	% of control %  PASS/FAIL: per US EPA Class A	93.33 100.00
Select Pathogens	standard, 40 CFR § 503.32(a)	PASS: Salmonella < 3 MPN per 4·g of dry solids
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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Did not arrive overnight or on ice. Sampled 12/21/2020 at 7:30 AM. Arrived 12/23/2020 at 12:16 PM



100 Elwood Davis Rd North Syracuse NY 13212

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

Fax:

Product Name: Amboy 1/2"

<u>Lab ID:</u> C12932

Report Date: 01/15/2021

# **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	0.93	1.80
Phosphorus	$P_2O_5$	0.28	0.55
Potassium	K <sub>2</sub> O	0.45	0.87
Calcium	Ca	3.06	5.93
Magnesium	Mg	0.45	0.87
Moisture Content	%, wet weight basis	48.49	
Organic Matter Content	%, dry weight basis	51.43	
рН	unitless	8.01	
Soluble Salts (electrical conductivity)	dS/m (mmhos/cm)	4.61	
Particle Size	< 9.5 mm	97.84	
Stability Indicator (respirometry) CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g TS/day, AND mg CO <sub>2</sub> -C/g OM/day	0.54 1.08	
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)	PASS: Salmonella < 3 MPN per 4·g of dry solids	
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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Moisture Content	%, wet weight basis	48.49
Organic Matter Content	%, dry weight basis	51.43
рН	unitless	8.01
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Maturity Indicator (bioassay) Percent Emergence, AND Percent Seedling Vigor	% of control %	96.67 100.00
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<u>Tel:</u> 315-453-2866 x1213

Fax:

Product Name: Jamesville 1/2"

<u>Lab ID:</u> C12930

Report Date: 01/15/2021

# **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	0.60	1.18
Phosphorus	$P_2O_5$	0.17	0.33
Potassium	K <sub>2</sub> O	0.28	0.55
Calcium	Ca	3.92	7.66
Magnesium	Mg	0.58	1.13
Moisture Content	%, wet weight basis	48.87	
Organic Matter Content	%, dry weight basis	42.68	
рН	unitless	7.93	
Soluble Salts (electrical conductivity)	dS/m (mmhos/cm)	1.34	
Particle Size	< 9.5 mm	96.22	
Stability Indicator (respirometry) CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g TS/day, AND mg CO <sub>2</sub> -C/g OM/day	0.41 0.95	
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)	PASS: Salmonella < 3 MPN per 4·g of dry solids	
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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Moisture Content	%, wet weight basis	48.87
Organic Matter Content	%, dry weight basis	42.68
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Soluble Salts (electrical conductivity)	dS/m (mmhos/cm)	1.34
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Maturity Indicator (bioassay) Percent Emergence, AND Percent Seedling Vigor	% of control %	96.67 100.00
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