



US COMPOSTING COUNCIL

Seal of Testing Assurance

Hampton Roads Sanitation District

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Date Sampled/Received: 13 Sep. 07 / 14 Sep. 07

Product Identification Compost

HRSD Nutri-Green Compost

COMPOST TECHNICAL DATA SHEET

LABORATORY: Soil Control Lab; 42 Hangar Way; Watsonville, CA 95076 tel: 831.724.5422 fax: 831.724.3188			
<i>Compost Parameters</i>	<i>Reported as (units of measure)</i>	<i>Test Results</i>	<i>Test Results</i>
Plant Nutrients:	% weight basis	% wet weight basis	% dry weight basis
Nitrogen	Total N	1.6	2.5
Phosphorus	P ₂ O ₅	3.9	6.1
Potassium	K ₂ O	0.18	0.29
Calcium	Ca	2.3	3.6
Magnesium	Mg	0.21	0.34
Moisture Content	% wet weight basis	36.6	
Organic Matter Content	% dry weight basis	44.0	
pH	units	6.33	
Soluble Salts <i>(electrical conductivity EC_s)</i>	dS/m (mmhos/cm)	17	
Particle Size or Sieve Size	% under 9.5 mm, dw basis	94.7	
Stability Indicator (<i>respirometry</i>)		Stability Rating:	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	2.0	Stable
	mg CO ₂ -C/g TS/day	0.89	
Maturity Indicator (bioassay)			
Percent Emergence	average % of control	100	
Relative Seedling Vigor	average % of control	100	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	Pass	<i>Fecal coliform</i>
		Pass	<i>Salmonella</i>
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	Pass	<i>As, Cd, Cr, Cu, Pb, Hg</i>
			<i>Mo, Ni, Se, Zn</i>

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.

Laboratory Group:

Sep. 07 B

Laboratory Number: 70904201/1485628

Analyst: Kate Kurtz

www.compostlab.com