



US COMPOSTING COUNCIL

Seal of Testing Assurance

A-1 Organics - Colorado

Bob Yost
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CO 80615

Date Sampled/Received: 08 Mar. 17 / 09 Mar. 17

Product Identification Compost
RR007 030817 ECOGRO

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	1.1	1.4
Phosphorus	P ₂ O ₅	1.2	1.6
Potassium	K ₂ O	0.45	0.58
Calcium	Ca	1.4	1.8
Magnesium	Mg	0.34	0.44
Moisture Content	%, wet weight basis	22.2	
Organic Matter Content	%, dry weight basis	34.2	
pH	units	8.83	
Soluble Salts <i>(electrical conductivity EC₅)</i>	dS/m (mmhos/cm)	3.1	
Particle Size or Sieve Size	% under 9.5 mm, dw basis	99.4	
<i>Stability Indicator (respirometry)</i>		<i>Stability Rating:</i>	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	4.7	Moderately Un-Stable
	mg CO ₂ -C/g TS/day	1.6	
<i>Maturity Indicator (bioassay)</i>			
Percent Emergence	average % of control	100.0	
Relative Seedling Vigor	average % of control	96.0	
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: Mar17B Laboratory Number: 7030289-1/1

Analyst: Assaf Sadeh		www.compostlab.com
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