



**US COMPOSTING COUNCIL**

*Seal of Testing Assurance*

**Diamond Trench**  
Scott Butcher  
1777 South Harrison St., Penthouse One  
Denver  
CO 80210


Date Sampled/Received: 18 Sep. 14 / 19 Sep. 14

<b>Product Identification</b> Compost
Buffalo Manure, Sawdust

## COMPOST TECHNICAL DATA SHEET

LABORATORY: Soil Control Lab; 42 Hangar Way; Watsonville, CA 95076 tel: 831.724.5422 fax: 831.724.3188			
Compost Parameters	Reported as (units of measure)	Test Results	Test Results
Plant Nutrients:	%, weight basis	Not reported	Not reported
Moisture Content	%, wet weight basis	32.1	
Organic Matter Content	%, dry weight basis	34.5	
pH	units	7.50	
Soluble Salts <i>(electrical conductivity EC<sub>s</sub>)</i>	dS/m (mmhos/cm)	11	
Particle Size or Sieve Size	maximum aggregate size, inches	0.38	
Stability Indicator ( <i>respirometry</i> )		Stability Rating:	
CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g OM/day	1.8	Very Stable
	mg CO <sub>2</sub> -C/g TS/day	0.63	
Maturity Indicator (bioassay)			
Percent Emergence	average % of control	100.0	
Relative Seedling Vigor	average % of control	0.0	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	Pass	Fecal coliform
		Pass	Salmonella
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	Pass	As,Cd,Cr,Cu,Pb,Hg
			Mo,Ni,Se,Zn

*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.14 C	Laboratory Number: 4090641-1/1
Analyst: Assaf Sadeh	
www.compostlab.com	



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<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	1.5	2.2
Phosphorus	P <sub>2</sub> O <sub>5</sub>	1.5	2.2
Potassium	K <sub>2</sub> O	2.0	3.0
Calcium	Ca	1.6	2.3
Magnesium	Mg	0.49	0.72
Moisture Content	%, wet weight basis	32.1	
Organic Matter Content	%, dry weight basis	34.5	
pH	units	7.50	
Soluble Salts <i>(electrical conductivity EC<sub>5</sub>)</i>	dS/m (mmhos/cm)	11	
Particle Size or Sieve Size	% under 9.5 mm, dw basis	100.0	
<b>Stability Indicator (respirometry)</b>		<b>Stability Rating:</b>	
CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g OM/day	1.8	Very Stable
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		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>

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