



US COMPOSTING COUNCIL

Seal of Testing Assurance

Barr-Tech

Attn: Scott Deatherage
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 Spokane, WA 99219

Phone: 509-590-0437

Product Name: **BT Plus**

Sample Date: 30-Oct-17

Laboratory ID: C17-662

COMPOST TECHNICAL DATA SHEET

Laboratory: **SOILTEST farm consultants**, 2925 Driggs Dr., Moses Lake, WA 98837; tel. 509-765-1622 fax. 509-765-0314

<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	1.82
Phosphorus	P ₂ O ₅	0.76	1.31
Potassium	K ₂ O	0.56	0.96
Calcium	Ca	2.19	3.78
Magnesium	Mg	0.27	0.46
Moisture Content	%, wet weight basis	42.1	
Organic Matter Content	%, dry weight basis	51.5	
pH	pH units	8.2	
Soluble Salts <i>(electrical conductivity EC_s)</i>	dS/m (mmhos/cm)	2.95	
Particle Size	% < 9.5 mm (¾ in.), dw basis	99.6	
<i>Stability Indicator (respirometry)</i>		<i>Stability Rating</i>	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	0.7	Stable
	mg CO ₂ -C/g TS/day	0.9	
<i>Maturity Indicator (bioassay)</i>			
Percent Emergence	average % of control	92	
Relative Seedling Vigor	average % of control	97	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	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.

Date Received: 31-Oct-17 **Date Reported** 15-Nov-17
Laboratory QA/QC Brent Thyssen, CPSSc **brent@soiltestlab.com** **www.soiltestlab.com**

Directions for Product Use:

Soil Conditioner: Apply a uniform layer of 1-2 inches of compost over the entire area and incorporate into the top 4-8 inches of soil; irrigate thoroughly.

Soil Mix: Mix no more than 50:50 compost to soil by volume

Soil Analysis: A soil analysis should be completed prior to application to determine optimal application and fertilization rates for the crops/plants to be grown, remember to take into consideration the nutrients of the compost when calculating the fertilization requirement. A list of state agricultural cooperative extension labs can be found at: <http://csrees.usda.gov/Extension/index.html>

This product is recognized for its soil amendment characteristics. It is recognized that it has nutrient value. Any nutrient claims, are estimates or averages and are not guaranteed.

NOTE: The USCC does not assess whether or not, or to what extent, these directions are sound, sufficient or otherwise appropriate. It is the participant's responsibility alone to ensure that they are.

Compost Ingredients:

Composted; Yard Debris 85%, Biosolids 10%, Preconsumer Vegetative Waste 5% (dry weight)

This compost product has been sampled and tested as required by the Seal of Testing Assurance Program of the United States Composting Council (USCC), using certain methods from the "Test Methods for the Examination of Compost and Composting" manual. Test results are available upon request by calling _____ at Phone # _____. The USCC makes no warranties regarding this product or its contents, quality, or suitability for any particular use.

For additional information pertaining to compost use, the specific compost parameters tested for within the Seal of Testing Assurance Program, or the program in general, log on to the US Composting Council's TMECC web-site at <http://www.tmecc.org/sta/>.