



**US COMPOSTING COUNCIL**

*Seal of Testing Assurance*

**Barr-Tech**

Attn: Scott Deatherage  
 P.O. Box 19265  
 Spokane, WA 99219

Phone: 509-939-6063

Product Name: **BT Plus**

Sample Date: 25-Feb-21

Laboratory ID: C21-285

## 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	1.0	1.75
Phosphorus	P <sub>2</sub> O <sub>5</sub>	0.63	1.07
Potassium	K <sub>2</sub> O	0.48	0.82
Calcium	Ca	1.50	2.56
Magnesium	Mg	0.27	0.46
Moisture Content	% , wet weight basis	41.2	
Organic Matter Content	% , dry weight basis	61.8	
pH	pH units	7.3	
Soluble Salts <i>(electrical conductivity EC<sub>3</sub>)</i>	dS/m (mmhos/cm)	2.81	
Particle Size	% < 9.5 mm (3/8 in.), dw basis	100	
Stability Indicator ( <i>respirometry</i> )		Stability Rating	
CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g OM/day	3.0	Stable
	mg CO <sub>2</sub> -C/g TS/day	4.5	
Maturity Indicator (bioassay)			
Percent Emergence	average % of control	100	
Relative Seedling Vigor	average % of control	93	
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:

26-Feb-21

Date Reported

8-Mar-21

Laboratory QA/QC

Brent Thyssen, CPSSc

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www.soiltestlab.com

*Directions for Product Use:*

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**Pre-Plant Agricultural Soil Conditioner:** Uniformly spread 3 to 20 ton per acre (depending on soil analysis) of compost over the entire area and irrigate or incorporate into the top 3 to 6 inches of soil.

**Soil Analysis:** A soil analysis should be completed prior to application to determine optimal compost application and fertilization rates for the crops to be grown, remember to take into consideration the nutrients of the compost when calculating total fertilization rates.

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:*

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**Composted Yard Debris – 70%,**

**Composted Sawdust and/or forest products –20%,**

**Composted Municipal Biosolids - 10%**

Ingredient percentages are calculated on a dry weight basis

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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/>.*