



Black Bear Composting

Eric Walter
PO Box 566
Crozet VA 22932
434-989-5219

Product Name: **BBC010417**

Sample Date: **1/4/17 4:00**

Receive Date: **1/6/17**

A & L Lab Number: **90291**

A & L Report Number: **F17006-6006**

COMPOST TECHNICAL DATA SHEET

A & L Great Lakes Laboratories, Inc. 3505 Conestoga Drive Fort Wayne IN 46808

| Compost Parameters | Method | Reported as (units of measure) | Test Results | Test Results |
|--|----------------|--|---------------------|---------------------|
| Plant Nutrients: | | %, weight basis | %, wet weight basis | %, dry weight basis |
| Nitrogen | TMECC 04.02-D | Total N | 1.46 | 2.30 |
| Phosphorus | TMECC 04.03-A | P ₂ O ₅ | 4.19 | 6.60 |
| Potassium | TMECC 04.04-A | K ₂ O | 0.48 | 0.76 |
| Calcium | TMECC 04.05-CA | Ca | 4.78 | 7.55 |
| Magnesium | TMECC 04.05-MG | Mg | 0.23 | 0.37 |
| Moisture Content | TMECC 03.09-A | %, wet weight basis | 36.73 | |
| Organic Matter Content | TMECC 05.07-A | %, dry weight basis | 39.56 | |
| pH | TMECC 04.11-A | pH units | 7.3 | |
| Soluble Salts (electrical conductivity EC ₅) | TMECC 04.10-A | dS/m (mmhos/cm) | 3.93 | |
| Particle Size | TMECC 02.02-B | % < 9.5 mm (3/8 in.), dw basis | 100.00 | |
| Stability Indicator (respirometry) | | | Stability Rating: | |
| CO ₂ Evolution | TMECC 05.08-B | mg CO ₂ -C/g OM/day | 1 | Very Stable |
| | | mg CO ₂ -C/g TS/day | 1 | |
| Maturity Indicator (bioassay) | | | | |
| Percent Emergence | TMECC 05.05-A | average % of control | 100 | |
| Relative Seedling Vigor | TMECC 05.05-A | average % of control | 100 | |
| Select Pathogens | TMECC 07.01-B | PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a) | PASS | FecalColiform |
| Trace Metals | TMECC 04.06 | PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3. | PASS | As, Cd, 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.



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|---|---------------|--|--------------------------|------------------------|
| Plant Nutrients: | | %, weight basis | Not Reported | |
| Moisture Content | TMECC 03.09-A | %, wet weight basis | 36.73 | |
| Organic Matter Content | TMECC 05.07-A | %, dry weight basis | 39.56 | |
| pH | TMECC 04.11-A | pH units | 7.3 | |
| Soluble Salts (<i>electrical conductivity EC₅</i>) | TMECC 04.10-A | dS/m (mmhos/cm) | 3.93 | |
| Particle Size | TMECC 02.02-B | % < 9.5 mm (3/8 in.), dw basis | 100.00 | |
| Stability Indicator (<i>respirometry</i>) | | | <i>Stability Rating:</i> | |
| CO ₂ Evolution | TMECC 05.08-B | mg CO ₂ -C/g OM/day | 1 | Very Stable |
| | | mg CO ₂ -C/g TS/day | 1 | |
| Maturity Indicator (bioassay) | | | | |
| Percent Emergence | TMECC 05.05-A | average % of control | 100 | |
| Relative Seedling Vigor | TMECC 05.05-A | average % of control | 100 | |
| Select Pathogens | TMECC 07.01-B | PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a) | PASS | <i>FecalColiform</i> |
| Trace Metals | TMECC 04.06 | PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, | PASS | <i>As, Cd, 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.