**GENERIC Use Compost Specification “A” from Naturcycle LLC (Like Amending Soil in Place)**

1. **Soil Amendments – Compost**

**Compost is** a product manufactured through the controlled aerobic, biological decomposition of biodegradable materials. The product has undergone mesophilic and thermophilic temperatures, which significantly reduces the viability of pathogens and weed seeds, and stabilizes the carbon such that it is beneficial to plant growth. It should meet or exceed all requirements to distribute in the State the compost is produced, and come from a facility that is registered and or permitted by its State department that regulates composting.

**Physical/Chemical Requirements Property Test Method Requirements for Compost Specifications**

**Required Ranges Test Test Method\*\* Units**

5.5 to 8.0 pH TMECC 04.11-A pH

< 6.00 Soluble Salts TMECC 04.10-A dS/m (mmhos/cm)

20-65% Moisture Content TMECC 03.09-A % Wet Weight Basis

25 - 75% Organic Matter Content TMECC 05.07-A % Dry Weight Basis

Percent Emergence:

> 85% Maturity TMECC 05.05-A % Relative to Positive Control

Vigor:

> 90% Maturity TMECC 05.05-A % Relative to Positive Control

“Stable or Very Stable” Stability TMECC 05.08-B mg CO2-C/g OM per day

> 90% Particle Size^^ TMECC 02.02-B % Dry Weight Basis

Pass Pathogen TMECC 07.01-B Pass/Fail

Pass Trace Metals TMECC 04.06 Pass/Fail

< 0.50 % Foreign Material TMECC 03.08-A % by Weight
\*\*All methods are from the Test Methods for the Evaluation of Compost and Composting (TMECC).

^^ Particle size is based on passing a 9.5 mm screen roughly 3/8” 95% plus passing is common

**Standard of Compost Quality:**

1. Standard of quality shall be Naturcycle CompostTM as distributed by:

Naturcycle, LLC PO Box 97, Plainville, NY 13137

www.naturcycle.com or 315-707-8955

Or Architect/Engineer approved equal.

1. Approved compost must demonstrate involvement in the US Composting Seal of Testing

Assurance (STA) Program via a certified independent analysis as provided by a laboratory participating in STA Program. Along with being a participant in good standing and the ability to produce the required annual test reports. A recent (within 90 days of project start) STA Technical Data Sheet is required to be submitted prior to shipment of compost.

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