

Test Methods for the
Examination of Composting and
Compost
(TMECC)

TMECC

- Provides detailed analytical protocols to verify compost product safety and market claims and to enable comparison of analytical results
- Compost producers regularly sample and test their product using STA (Seal of Testing Assurance) Program approved labs for chemical, physical, and biological properties

TMECC

- Testing monthly or quarterly
- Lab data available to USCC and compost producers
- Compost producers provide data to customers

TMECC

Compost Technical Data sheet

Compost use directions

Lab analysis

Product ingredients

Allows for comparison for informed
purchasing decisions

TMECC

- Will certify program participants compost as “STA certified Compost”
- Fees

TMECC

- Testing frequency

1-6250 tons

1 per quarter

6251-17,500 tons

1 per 2 months

>17,501 tons

1 per month

Compost Analysis

- pH
- Soluble salts
- Total N, P₂O₅, Cu, Mg
- Moisture
- Organic matter
- Bioassay maturity
- Stability
- Particle size
- Pathogen (Fecal Colliform or Salmonella)
- Trace metals

Certified labs must be enrolled in
the Compost Analysis Proficiency
Testing Program (CAP)

Conclusion