

Compost Test Report

Lab #: 2011-13946

Name: County Conservation Company
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Date Received: 2011-10-14

Date Reported: 2011-10-24

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Sample ID: Compost

Compost Tests and Interpretations

pH: 7.80 High; pH of cured compost usually stabilizes at pH 7.0 (neutral).

Visual Description: Moist, black, screened organic matter. No coarse fragments.

Soluble Salts- Electrical conductivity= 4.32 mmho/cm
(Medium soluble salt level, dilute 2- to 5-fold for most applications to prevent plant burn.)

Organic matter by loss on ignition- Organic Matter= 26.4% Organic Carbon= 15.3%

Water Content-wet basis: 42.7% Solids: 57.3%

Total Kjeldahl Nitrogen: 0.85%

Inorganic Nitrogen- Nitrate-N: 23 ppm Ammonium-N: 72 ppm
(Low) (Very High, ammonia gas hazard)

Carbon to Nitrogen Ratio: 18:1

Very Good; not likely to cause short-term N deficiency, will contribute additional available N to plants by decomposition over long term.

Maturity Index: 6 on a scale of 1 (raw) to 8 (fully cured)

Active Compost, curing; aeration requirement reduced; compost ready for piling; reduced management requirements

Comments:

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