

A1 ORGANICS

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Premium 3[®] Analyticals

Class II Product

Composted dairy manure and the accompanying bedding material. Premium 3 is excellent as either a top dressing material or as a soil amendment.

Date of latest test 16-Jun-11

Unless otherwise indicated, the following data is an average of the four most recent tests.

| Compost Parameters | Reported as: (Units of measure) | Test Results | Test Results |
|---|---|----------------------------|--|
| Plant Nutrients | % Weight basis | % Wet weight basis | % Dry weight basis |
| NITROGEN | Total N | 0.86 | 1.11 |
| Ammonia | NH ₄ -N | 0.00 | 0.01 |
| Organic Nitrogen | Org. N | 0.78 | 1.01 |
| PHOSPHORUS | P ₂ O ₅ | 0.68 | 0.87 |
| Phosphorus | P | 0.29 | 0.38 |
| POTASSIUM | K ₂ O | 2.14 | 2.76 |
| Potassium | K | 1.78 | 2.30 |
| CALCIUM | Ca | 2.73 | 3.52 |
| MAGNESIUM | Mg | 0.81 | 1.04 |
| SULFATE | SO ₄ | 0.26 | 0.33 |
| Moisture Content | % Wet weight basis | 22.51 | |
| Organic Matter Content | % Dry weight basis | 17.67 | |
| pH | Units | 8.04 | |
| Soluble Salts (electrical conductivity EC) | dS/m (mmhos/cm) | 4.02 | |
| Carbon to Nitrogen | C:N Ratio | 11.00 | |
| Ammonia NH ₄ -N to Nitrate NO ₃ -N | A:N Ratio | 0.10 | |
| Maturity Indicator (bioassay) | | Average Maturity Indicator | Maturity Indicator from the most recent test |
| Percent Emergence | Average % of control | N/A | N/A |
| Relative Seedling Vigor | Average % of control | N/A | N/A |
| Stability Indicator (Stability is a measure of the respiration rate, biologically available carbon, porosity, nutrients, pH and microbes. A rating of "stable or very stable" provides for optimal growing conditions.) | | | Most Recent Stability Rating: N/A |
| Select Pathogens | PASS/FAIL Per US EPA Class A standard, 40 CFR 503.32(a) | N/A | Average Bulk Density (lbs/CY) 1,459 |
| Trace Metals | PASS/FAIL Per US EPA Class A standard, 40 CFR 503.13 | N/A | |