



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-Feb-10

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	0.81	1.12
Ammonia	NH ₄ -N	0.02	0.03
Organic Nitrogen	Org. N	0.74	0.81
PHOSPHORUS	P ₂ O ₅	0.88	1.21
Phosphorus	P	0.38	0.53
POTASSIUM	K ₂ O	1.58	2.18
Potassium	K	1.32	1.81
CALCIUM	Ca	1.62	2.10
MAGNESIUM	Mg	0.38	0.50
SULFATE	SO ₄	0.27	0.35
Moisture Content	% Wet weight basis	27.79	
Organic Matter Content	% Dry weight basis	22.88	
pH	Units	8.62	
Soluble Salts (electrical conductivity EC)	dS/m (mmhos/cm)	6.80	
Carbon to Nitrogen	C:N Ratio	11.00	
Ammonia NH ₄ -N to Nitrate NO ₃ -N	A:N Ratio	0.55	
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) PASS/FAIL	N/A	Average Bulk Density (lbs/CY) 1,424
Trace Metals	Per US EPA Class A standard, 40 CFR 503.13	N/A	