

A1 Organics BioComp®



US COMPOSTING COUNCIL

Seal of Testing Assurance

Class I Product

A coarse particle compost produced from non-hazardous, non-toxic organic biosolids and various bulking agents, like brewers grain, cellulose fiber, and clean, untreated/unpainted wood.

Date of latest test 23-Jan-07

[What do test results mean?](#)

Unless otherwise indicated, the following data is an average of the five 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		1.1
PHOSPHORUS	P2 O5		1.3
POSTASSIUM	K2O		0.7
CALCIUM	Ca		2.2
MAGNESIUM	Mg		0.4
MOISTURE CONTENT	% wet weight basis	22.7%	
ORGANIC CONTENT	% dry weight basis	29.9%	
PH (1:5 by weight)	units	7.5	
SOLUBLE SALTS (1:5 by weight)	dS/mmhos/cm	3.6	
PARTICLE SIZE	% under 9.5 mm, dw basis	99.6%	
STABILITY INDICATOR (RESPIROMETRY)	<i>(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.)</i>	Very Stable	<i>(Stability Indicator from the most recent test.)</i>
CO2 EVOLUTION	mgCO2-C/g OM/day	1.58	
	mg CO2-Cg TS/day	0.47	
C:N RATIO	Ratio	13.0	
AGINDEX	NUTRIENTS/Na+Cl	>10	(An AgIndex above 10 results in a build-up of nutrients for optimum plant growth without concern for toxic build-up of sodium and/or chloride from the compost. This compost is good for increasing nutrients on all soils.)
MATURITY INDICATOR (BIOASSAY)		Average Maturity Indicator	(Maturity Indicator from the most recent test.)
PERCENT EMERGENCE	Average % of control	100.0%	100%
RELATIVE SEEDLING VIGOR	Average % of control	100.0%	100%
A:N RATIO	Ratio		Very Mature
SELECT PATHOGENS	PASS/FAIL: per US EPA Class A standard, 40 CFR 503.32(a)	PASS	
TRACE METALS	PASS/FAIL: per US EPA Class A standard' 40 CFR 503.13	PASS	

"This compost product has been sampled and tested as required by the Seal of Testing Assurance Program of the United States Composting Council (USCC). Test results are available upon request by calling A1 Organics at (970)454-3492.