



US COMPOSTING COUNCIL

Seal of Testing Assurance

Metro Waste Authority
Arthur Kern
300 E. Locust Street - Suite 100
Des Moines
IA 50309

Date Sampled/Received: 27 Sep. 23 / 02 Oct. 23

Product Identification
Grow Gold Compost

COMPOST TECHNICAL DATA SHEET

LABORATORY: Soil Control Lab; 42 Hangar Way; Watsonville, CA 95076 tel: 831.724.5422 fax: 831.724.3188			
Compost Parameters	Reported as (units of measure)	Test Results	Test Results
Plant Nutrients:	%, weight basis	Not reported	Not reported
Moisture Content	%, wet weight basis	36.7	
Organic Matter Content	%, dry weight basis	55.9	
pH	units	8.51	
Soluble Salts (electrical conductivity EC ₅)	dS/m (mmhos/cm)	3.3	
Particle Size or Sieve Size	maxium aggregate size, inches	0.64	
Stability Indicator (respirometry)		Stability Rating:	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	2.6	Stable
	mg CO ₂ -C/g TS/day	1.4	
Maturity Indicator (bioassay)			
Percent Emergence	average % of control	100.0	
Relative Seedling Vigor	average % of control	100.0	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	Pass	Salmonella
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	Pass	As,Cd,Cr,Cu,Pb,Hg Mo,Ni,Se,Zn

Participants in the US Composting Council's Seal of Testing Assurance Program have shown the commitment to test their compost products on a prescribed basis and provide this data, along with compost end use instructions, as a means to better serve the needs of their compost customers.

Laboratory Group: Ot23A Laboratory Number: 3100008-1/1

Analyst: Assaf Sadeh

www.controllabs.com



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Plant Nutrients:	%, weight basis	%, wet weight basis	%, dry weight basis
Nitrogen	Total N	1.2	1.9
Phosphorus	P ₂ O ₅	0.50	0.80
Potassium	K ₂ O	0.89	1.4
Calcium	Ca	2.3	3.7
Magnesium	Mg	0.40	0.63
Moisture Content	%, wet weight basis	36.7	
Organic Matter Content	%, dry weight basis	55.9	
pH	units	8.51	
Soluble Salts <i>(electrical conductivity EC₅)</i>	dS/m (mmhos/cm)	3.3	
Particle Size or Sieve Size	% under 9.5 mm, dw basis	99.5	
Stability Indicator (<i>respirometry</i>)		<i>Stability Rating:</i>	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	2.6	Stable
	mg CO ₂ -C/g TS/day	1.4	
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