



US COMPOSTING COUNCIL

Seal of Testing Assurance

Metro Waste Authority- Metro Park East Landfill
Chad Dentlinger
12181 NE University Avenue
Mitchellville
IA 50169

Date Sampled/Received: 14 Nov. 23 / 16 Nov. 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	42.8	
Organic Matter Content	%, dry weight basis	61.2	
pH	units	8.30	
Soluble Salts (electrical conductivity EC ₅)	dS/m (mmhos/cm)	3.5	
Particle Size or Sieve Size	maxium aggregate size, inches	0.64	
Stability Indicator (<i>respirometry</i>)		Stability Rating:	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	1.4	Very Stable
	mg CO ₂ -C/g TS/day	0.85	
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	<i>Salmonella</i>
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	Pass	<i>As,Cd,Cr,Cu,Pb,Hg</i> <i>Mo,Ni,Se,Zn</i>

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: Nov23C Laboratory Number: 3110322-1/1

Analyst: Assaf Sadeh

www.controllabs.com



US COMPOSTING COUNCIL

Seal of Testing Assurance

Metro Waste Authority- Metro Park East Landfill
Chad Dentlinger
12181 NE University Avenue
Mitchellville
IA 50169

Date Sampled/Received: 14 Nov. 23 / 16 Nov. 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	%, wet weight basis	%, dry weight basis
Nitrogen	Total N	1.3	2.2
Phosphorus	P ₂ O ₅	0.41	0.70
Potassium	K ₂ O	0.82	1.4
Calcium	Ca	2.4	4.2
Magnesium	Mg	0.35	0.62
Moisture Content	%, wet weight basis	42.8	
Organic Matter Content	%, dry weight basis	61.2	
pH	units	8.30	
Soluble Salts <i>(electrical conductivity EC₅)</i>	dS/m (mmhos/cm)	3.5	
Particle Size or Sieve Size	% under 9.5 mm, dw basis	99.3	
Stability Indicator (<i>respirometry</i>)		Stability Rating:	
CO ₂ Evolution	mg CO ₂ -C/g OM/day	1.4	Very Stable
	mg CO ₂ -C/g TS/day	0.85	
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	<i>Salmonella</i>
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3.	Pass	<i>As, Cd, Cr, Cu, Pb, Hg</i> <i>Mo, Ni, Se, Zn</i>

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: Nov23C Laboratory Number: 3110322-1/1

Analyst: Assaf Sadeh

www.controllabs.com