

Date Sampled/Received: 30 Sep. 24 / 03 Oct. 24

A-1 Organics - Colorado

Jess Anderson 16350 WCR 76

Eaton

CO 80615

**Product Identification** 

EA007 093024 ECOGRO PLUS

## **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	12.3		
Organic Matter Content	%, dry weight basis	43.1		
pН	units	8.50		
Soluble Salts (electrical conductivity EC 5)	dS/m (mmhos/cm)	2.4		
Particle Size or Sieve Size	maxium aggregate size, inches	0.64		
Stability Indicator (respirometry)  Stability Rating:			Stability Rating:	
CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g OM/day	2.3	Stable	
	mg CO <sub>2</sub> -C/g TS/day	1.0	Stable	
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	Fecal coliform	
		Pass	Salmonella	
Trace Metals	PASS/FAIL: per US EPA Class A	Pass	As,Cd,Cr,Cu,Pb,Hg	
	standard, 40 CFR § 503.13, Tables 1 and 3.		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:	Oct24A	Laboratory Number: 4100072-4/4
Analyst: Assaf Sadeh	Clay Sabel	www.controllabs.com



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Compost Parameters	Reported as (units of measure)	Test Results	Test Results	
Plant Nutrients:	%, weight basis	%, wet weight basis	%, dry weight basis	
Nitrogen	Total N	1.2	1.3	
Phosphorus	$P_2O_5$	0.43	0.50	
Potassium	K <sub>2</sub> O	0.89	1.0	
Calcium	Ca	2.5	2.9	
Magnesium	Mg	0.39	0.45	
Moisture Content	%, wet weight basis	12.3		
Organic Matter Content	%, dry weight basis	43.1		
pH	units	8.50		
Soluble Salts (electrical conductivity EC 5)	dS/m (mmhos/cm)	2.4		
Particle Size or Sieve Size	% under 9.5 mm, dw basis	99.1		
Stability Indicator (respirometry	y)		Stability Rating:	
CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g OM/day	2.3	Stable	
	mg CO <sub>2</sub> -C/g TS/day	1.0	Stable	
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	Fecal coliform	
		Pass	Salmonella	
Trace Metals	PASS/FAIL: per US EPA Class A	D	As,Cd,Cr,Cu,Pb,Hg	
	standard, 40 CFR § 503.13, Tables 1 and 3.	Pass	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.

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## **COMPOST APPLICATION INSTRUCTIONS**

APPLICATION	ESTABLISHMENT	MAINTENANCE
Flowers and Vegetables Gardens	Apply 1–2" and incorporate to a depth of 6–8 inches.	Apply 1–2" to planting area at start of growing season.
Lawn	Apply 1–2" and incorporate to a depth of 6–8 inches.	Annually: Apply 1/4" layer before or after core aeration.
Trees and Shrubs	Use 1 part compost to 2–3 parts soil to backfill planting hole.	Apply 1–2" over soil surface of bed in the spring or fall (or both).
House Plants	Incorporate up to 20 percent compost into potting mix.	Spread 2–3 tablespoons on the surface of the potting soil.

Additional information and application instructions can be found at www.alorganics.com.

Al Organics and the United States Composting Council makes no warranties regarding this product or its contents, quality, or suitability for any particular use.