

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Account #: **Product Identification** Compost
7060576-RR007 061317 ECOGRO
1/1-2355

Group: Jun17C #22

Reporting Date: June 28, 2017

A-1 Organics - Colorado
16350 WCR 76
Eaton, CO 80615
Attn: Chris Skelton

Date Received: 14 Jun. 17
Sample Identification: RR007 061317 ECOGRO
Sample ID #: 7060576 - 1/1

Nutrients	Dry wt.	As Rcvd.	units	Stability Indicator:	Biologically
Total Nitrogen:	1.1	0.85	%	CO2 Evolution	Respirometry Available C
Ammonia (NH ₄ -N):	280	220	mg/kg	mg CO ₂ -C/g OM/day	1.6 2.3
Nitrate (NO ₃ -N):	520	400	mg/kg	mg CO ₂ -C/g TS/day	0.29 0.42
Org. Nitrogen (Org.-N):	1.0	0.78	%	<i>Stability Rating</i>	<i>very stable stable</i>
Phosphorus (as P ₂ O ₅):	1.2	0.96	%	Maturity Indicator: Cucum er Bioassay	
Phosphorus (P):	5400	4200	mg/kg	Compost:Vermiculite(v:v)	1:2
Potassium (as K ₂ O):	0.55	0.43	%	Emergence (%)	93
Potassium (K):	4600	3600	mg/kg	Seedling Vigor (%)	97
Calcium (Ca):	1.6	1.2	%	<i>Description of Plants</i>	<i>healthy</i>
Magnesium (Mg):	0.18	0.14	%	Pathogens	Results Units Rating
Sulfate (SO ₄ -S):	180	140	mg/kg	Fecal Coliform	< 7.5 MPN/g <i>pass</i>
Boron (Total B):	18	14	mg/kg	Salmonella	< 3 MPN/4g <i>pass</i>
Moisture:	0	21.5	%	Date Tested: 14 Jun. 17	
Sodium (Na):	0.13	0.10	%	Inerts % by weight Plastic	
Chloride (Cl):	0.11	0.089	%	< 0.5	
pH Value:	NA	7.36	unit	Glass	0.13
Bulk Density :	45	58	lb/cu ft	Metal	< 0.5
Carbonates (CaCO ₃):	8.4	6.6	lb/ton	Sharps	ND
Conductivity (EC5):	2.7	NA	mmhos/cm		
Organic Matter:	17.9	14.1	%		
Organic Carbon:	11.0	8.7	%		
Ash:	82.1	64.4	%		
C/N Ratio	10	10	ratio		
AgIndex	> 10	> 10	ratio		

Metals	Dry wt.	EPA Limit	units
Aluminum (Al):	3200	-	mg/kg
Arsenic (As):	2.2	41	mg/kg
Cadmium (Cd):	< 1.0	39	mg/kg
Chromium (Cr):	8.9	1200	mg/kg
Cobalt (Co)	1.4	-	mg/kg
Copper (Cu):	33	1500	mg/kg
Iron (Fe):	5100	-	mg/kg
Lead (Pb):	5.6	300	mg/kg
Manganese (Mn):	120	-	mg/kg
Mercury (Hg):	< 1.0	17	mg/kg
Molybdenum (Mo):	1.4	75	mg/kg
Nickel (Ni):	4.8	420	mg/kg
Selenium (Se):	< 1.0	36	mg/kg
Zinc (Zn):	100	2800	mg/kg

Size Distribution	MM	% by weight
> 50		0.0
25 to 50		0.0 16 to
25	0.0	
9.5 to 16		0.9
6.3 to 9.5		2.8
4.0 to 6.3		3.8 2.0 to
4.0	6.2	
< 2.0		86.2

Analyst: Assaf Sadeh



*Sample was received and handled in accordance with TMECC procedures.