



Sand-Sawdust Bloom Blend - Nutrient Analysis

Date Received: 02 Jun. 16
 Sample Identification: Blend
 bs:s:sd -70d flip+6
 Sample ID #: 6060088 - 2/3

Nutrients	Dry wt.	As Rcvd.	units
Total Nitrogen:	1.6	1.4As	%
Ammonia (NH4-N):	1700	1400	mg/kg
Nitrate (NO3-N):	54	46	mg/kg
Org. Nitrogen (Org.-N):	1.4	1.2	%
Phosphorus (as P2O5):	3.3	2.7	%
Phosphorus (P):	14000	12000	mg/kg
Potassium (as K2O):	0.18	0.15	%
Potassium (K):	1500	1200	mg/kg
Calcium (Ca):	1.2	1.0	%
Magnesium (Mg):	0.20	0.16	%
Sulfate (SO4-S):	1900	1600	mg/kg
Boron (Total B):	9.7	8.2	mg/kg
Moisture:	0	16.1	%
Sodium (Na):	0.040	0.033	%
Chloride (Cl):	0.05	0.042	%
pH Value:	NA	6.67	unit
Bulk Density :	30	35	lb/cu ft
Carbonates (CaCO3):	5.4	4.5	lb/ton
Conductivity (EC5):	4.0	NA	mmhos/cm
Organic Matter:	34.02	28.52795	%
Organic Carbon:	14	12	%
Ash:	65.98	55.32846	%
C/N Ratio	8.7	8.7	ratio
AgIndex	>10	>10	ratio

Metals	Dry wt.	EPA Limit	units
Aluminum (Al):	2600	-	mg/kg
Arsenic (As):	4.0	41	mg/kg
Cadmium (Cd):	<1.0	39	mg/kg
Chromium (Cr):	25	1200	mg/kg
Cobalt (Co)	4.3	-	mg/kg
Copper (Cu):	160	1500	mg/kg
Iron (Fe):	42000	-	mg/kg
Lead (Pb):	18	300	mg/kg
Manganese (Mn):	170	-	mg/kg
Mercury (Hg):	<1.0	17	mg/kg
Molybdenum (Mo):	5.0	75	mg/kg
Nickel (Ni):	13	420	mg/kg
Selenium (Se):	1.9	36	mg/kg
Zinc (Zn):	310	2800	mg/kg

Stability Indicator:

CO2 Evolution	Respirometry	Biologically Available C
mg CO2-C/g OM/day	3.4	3.4
mg CO2-C/g TS/day	1.1	1.0
Stability Rating	stable	stable

Maturity Indicator: Cucumber Bioassay

Compost:Vermiculite(v:v)	1.2
Emergence (%)	100
Seedling Vigor (%)	119.2308
Description of Plants	healthy

Pathogens	Results	Units	Rating
Fecal Coliform	<7.5	MPN/g	pass
Salmonella	<3	MPN/g	pass

Date Tested: 02 Jun. 16

Inerts	% by weight
Plastic	<0.5
Glass	<0.5
Metal	<0.5
Sharps	ND

Maturity Indicator: Cucumber Bioassay

MM	% by weight
>50	0
25 to 50	0
16 to 25	0
9.5 to 16	0
6.3 to 9.5	0.076407
4.0 to 6.3	2.026028
2.0 to 4.0	16.309 28
<2.0	81.58829