

Soil Foodweb Analysis

Received 12/04/08

Sent 12/22/08

Report Prepared for:

Worms Work
Cristal Harmony
PO BOX 1079
HI 96754
(808)634-0292
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Sample # 171
Lab # 11
Submission # 93
Invoice # 77102
Sample Type Compost
Sample Name Blue Worm Castings

For interpretation of this report,
please contact:

Soil Food Web Hawaii
808-828-1471
erica@sustainabledesignkauai.com

Consulting fees may apply

Organism Biomass Data	Dry Weight	Active Bacteria	Total Bacteria	Active Fungi	Total Fungi	Hyphal Diameter
Results	0.25	127.8	879	20.3	1433	2.75
Comments	Too Dry	Excellent	Good	Good	Excellent	
Expected Range	Low	0.45	15	100	15	100
	High	0.85	25	3000	25	300

Nematode detail (#/g or #/ml)		
Classified by type and identified to genus. (If selection is blank, no nematodes identified.)		
Fungal Feeders		0.00
Fungal Feeders	Dorylaimus	0.16
Fungal Feeders	Eudorylaimus	0.10
Fungal Feeders	Mesodorylaimus	0.51
Fungal Feeders	Thonus	0.22

Organism Biomass Data	Protozoa (#/g)			Total Nematodes (#/g)	Mycorrhizal Colonization (%)	
	Flagellates	Amoebae	Ciliates		ENDO	ECTO
Results	546296	234234	124703	3.86		
Comments	High	High	High	Low	NA	NA
Expected Range	Low	10000	10000	50	20	
	High			100	30	

Organism Biomass Data	Total Fungal: Tot Bacterial	Active Fungal: Total Fungal	Act Bacterial: Tot Bacterial	Act Fungal: Act Bacterial	Plant Available NSupply (lbs/ac)
Results	1.63	0.01	0.15	0.16	300+
Comments	High	Low	Low	Low	
Expected Range	Low	0.75	1.00	0.75	1.00
	High	1.50	10.00	1.50	10.00

Total Fungi: Actinobacteria Biomass = 0.4

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Dry Weight Cover compost when raining; reduce water by turning or adding dry material

Active Bacteria

Total Bacteria

Active Fungi

Total Fungi

Hyphal Diameter

Protozoa

Total Nematodes

Mycorrhizal Col.

TF:TB

AF:TF

AB:TB

AF:AB

Nitrogen Supply

**Interpretation
Comments:**