Organism Biomass Data

Sample #	Treatment	Volume	Active Bacterial Biomass (,ug/mL)	Total Bacterial Biomass (,ug/mL)	Active Fungal Biomass (,ug/mL)	Total Fungal Biomass (,ug/mL)	Hyphal Diameter (,um)	Protozoa Numbers / mL			Total Nematode Numbers (#/mL)
								Flagellates	Amoebae	Ciliates	
1698	OAS	1.00	89.6	1357	5.07	12.3	3	4,606	**575**	**6**	NR
Bold means low			Very good active bacterial biomass	Excellent Excellent	Very good	Very good	Highly Beneficial community of fungi are present	Excellent flagellates, amoebae and			
	Desired range	1	10-150	150-300	2 to 10	2 to 20	(A)	1000	1000	20-50	

(A) Hyphal diameter of 2.0 indicates mostly Actinomycetes hyphal, 2.5 indicates community is mainly ascomycete, typical soil fungi for grasslands,
Diameters of 3.0 or higher indicate community is dominated by highly beneficial fungi, a basidiomycete community.
Temperature of brewing, type of water (chlorine will kill organisms), type of compost and type of brewer used must be considered in determining
the set of organisms in the solution.

Organism Ratios

Sample #	Treatment	Total fungal to Total Bacterial Biomass	Active to Total Fungal Biomass	Active to Total Bacterial Biomass	Active Fungal to Active Bacterial Biomass	Plant Available N Supply from Predators (lbs/ac)
1698	OAS	0.1	0.41	0.07	0.06	10 to 20
		The solution is bacterial, and has enough fungal biomass to be good for soil or foliar applications	Very good amount of fungi present are active	Good amount of bacteria present are active	Good ratio of activity for soil and foliar apps	Little boost in plant available N is Possible with the number of protozoa present

These Tests were taken and analyzed by Soil Foodweb NY.

Organics Alive, PO Box 95 Cardiff CA. 92007 Ph. 619.920.3555 Fx. 760.942.5356