

WALLACE LABS
365 Coral Circle
El Segundo, CA 90245
(310) 615-0116

WATER ANALYSES

September 15, 2010

Location Organic Nutrients

Requester Gary Griggs

1/2 cup to 1 gallon water aged overnight

generic
full-strength
hydroponic
concentrations

<u>elements</u>	10-258F-01	milliequivalent/liter		
	Frass Extract	cation	anion	
	mg/liter			
phosphorus	130.121		4.20	60
potassium	216.756	5.54		200
iron	0.340	0.01		2.5
manganese	0.934	0.03		0.25
zinc	0.270	0.01		0.05
copper	0.063	0.00		0.02
boron	0.032		0.00	0.25
calcium	8.250	0.41		100
magnesium	48.677	4.02		25
sodium	10.637	0.46		
sulfur	25.802		1.61	35
molybdenum	< 0.0017			0.05
aluminum	< 0.0067			
arsenic	< 0.0066			
barium	0.037			
cadmium	< 0.0015			
chromium	0.008			
cobalt	0.006			
lead	0.020			
lithium	< 0.0003	0.00		
mercury	< 0.0015			
nickel	0.012	0.00		
selenium	< 0.0246			
silicon	0.182			
silver	< 0.0008			
strontium	0.075	0.00		
tin	< 0.0140			
titanium	0.004			
vanadium	0.002			
ECw (dS/m)	1.15			1.00
nitrate as N	1.0		0.07	150
ammonium as N	21.0	1.50		25
chloride	20		0.57	
SAR	0.31			

milligram per liter, parts per million