WALLACE LABS	COMPOST DEPO	) Tr	DATE.	05.02.10			
365 Coral Circle	COMPOST REPOR		DATE:	05.02.18			
Control returns - Author control returns a return to	Location	SRFC - Sul					
1	UE.	Peter Moon					
(310) 615-0161	Material	Fish / Horse		•			
ammonium bicarbonate/DTPA	graphic interpretation					•	
extractable - mg/kg soil Interpretation as media	Sample ID No.	18-244-01		Total	Percent	Total	
low medium high	elements		(available)		Available	pounds	
0- 12 16 -28 32 -44	phosphorus	208.55	graphic *****	mg/kg 2,416.74	nutrients 8.6%	per cubic yard 1.2374	
0-240 240-500 500-700	potassium	13,745.31		20,473.73	67.1%	10.4824	
0- 12 12- 20 over 20	iron		****	3,660.94	1.5%	1.8744	
0-2 3-4 over 5	manganese		****	194.94	18.1%	0.0998	
0-4 4-6 over 6	zinc		****	80.79	28.2%	0.0414	
0-0.5 0.6 - 1 over 1	copper	1.68	****	20.45	8.2%	0.0105	
0-1 1-2 over 2	boron	6.62	****	26.69	24.8%	0.0137	
ratio of calcium to magnesium	calcium	1,884.63	****	13,115.97	14.4%	6.7153	
needs to be more than 2 or 3	magnesium	420.99		3,600.71	11.7%	1.8435	
should be less than potassium	sodium	1,640.54		1,953.43	84.0%	1.0001	
	sulfur	1,383.74		4,579.80	30.2%	2.3448	
Ti C II	molybdenum		****	1.31	52.1%	0.0007	
The following trace	aluminum	n d		3,807.89	0.0%	1.9496	
elements may be toxic The degree of toxicity	arsenic barium	0.26		0.79	32.6%	0.0004	
depends upon the pH of	cadmium	1.37 0.14		53.99 0.30	2.5%	0.0276	
the soil, soil texture,	chromium	0.14		5.47	48.5% 2.8%	0.0002	
organic matter, and the	cobalt	0.15		1.48	11.0%	0.0028 0.0008	
concentrations of the	lead	0.72		7.81	9.2%	0.0040	
individual elements as	lithium	3.73		17.93	20.8%	0.0040	
well as to their	mercury	0.19		n d	20.070	0.0000	
interactions.	nickel	0.14		3.51	4.1%	0.0018	
	selenium	n d		n d		0.0000	
	silicon	38.99		n d		0.0000	
	silver	n d	*	n d		0.0000	
Generally,	strontium	15.79		150.29	10.5%	0.0769	
the pH optimum depends	tin	n d	*	0.12	0.0%	0.0001	
upon the organic	titanium	0.18		146.56		0.0750	
matter and mineral content-	vanadium	0.35	*	128.87	0.3%	0.0660	
under 5.2 is too acidic							
6.5 to 7 is ideal	Saturation Extract		-111-				
over 9 is too alkaline The ECe is a measure of	pH value	6.90	***				
the compost salinity:	ECe (milli-	3.63	**	vyrotom aplaulala	c	Percent p	
the compost samity.	mho/cm)	3.03	millieq/	water soluble nutrients	percent of available	1/2 inch 1/4 inch	100.0%
ideal 200 ppm	calcium	90.2	4.5	308.2	16.4%	2 millimeters	100.0% 81.8%
ideal 25 ppm	magnesium	22.8	1.9	77.9	18.5%	2 minimeters	01.070
	sodium	247.9	10.8	847.1	51.6%		
ideal 25 ppm	ammonium as N	26.6	1.9	90.9	48.1%		
ideal 150 ppm	potassium	2,245.1	57.4		55.8%		
	cation sum		76.5				
problems over 150 ppm	chloride	1,066.4	30.0				
ideal 100 ppm	nitrate as N	46.1	3.3	157.5			
toxic over 800	sulfate as S	324.2	20.3	1,107.8	80.1%		
ideal 40 ppm	phosphorus	11.4	0.8	_ 39.0	18.7%		
1.	anion sum		54.4				
toxic over 1 for many plants	boron as B		****	4.5	67.9%	r	
increasing problems start at 4 - 6		3.0	**	TOTALO		As is basis:	
relative infiltration r	ment-lbs./cubic yard	3.5 good		TOTAL Cont pounds per cu		Total Nitrogen	
percent organic matter-dry wt. basis		85.21%		carbon	156.35	0.75% nitrate N	Total P2O5
percent total nitrogen-dry wt. basis		1.34%		nitrogen	6.30	0.01%	0.34%
percent total carbon-dry wt. basis		30.54%		in a ogon	0.50	0.0170	0.34%
carbon:nitrogen ratio		22.8		P2O5	2.84	ammonium N	
lime (calcium carbo		no		K2O	12.63	0.01%	Total K2O
percent water/total basis		46.2%		chloride	1.87	Organic N	1.50%
percent water on a dry weight basis		64.3%		boron	0.01	0.73%	
half saturation percentage		170.8%		sodium	1.00		1,333
bulk density - pound		841		1			
exchangeable ammonium - mg/kg dry wt. b 189 acid-soluble ash 6.8%							
Elements are expressed as mg/kg dry weight or mg/l for saturation extract.  acid-insoluble ash 8.0%							
pH and ECe are measured in a saturated extract. n d means not detectable.							