



TEXAS PLANT & SOIL LAB

5115 W. Monte Cristo ♦ Edinburg, TX 78541-8852 ♦

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TOTAL NUTRIENT ANALYSIS				
Date				
Sampled	Received	Reported	Lab #	
5/29/2010	6/4/2010	6/28/2010	7370	

Acme Humate & Screen Door Mfg. Co.
532 Jerkwater Rd.
Ravia, OK

Sample ID: 241A0

ANALYSIS RESULTS

VARIABLE MEASURED	As Sent	Dry Wt.	lbs/ton as sent	Notations
Moisture (%)	8.4	####	20.14	<i>gals/ton</i>
Dry Matter (%)	91.6	####		
% Organic Matter by LOI @ 550C	23.53	25.69	470.64	
% Organic Carbon by LOI @ 550C	11.77	12.85		
% Humic Acid		49.30		
Nitrogen (% N)	0.71	0.77	15.40	
Nitrate (ppm NO ₃)	38	41	0.08	
Phosphorous (%P)	0.01	0.01	0.18	
Total Phosphate(% P ₂ O ₅)	0.02	0.02	0.46	
Phosphate (ppm PO ₄)	23	25	0.05	
Potassium (% K)	0.04	0.04	0.73	
Total Potash(% K ₂ O)	0.04	0.05	0.96	
Sodium (% Na)	0.41	0.45	8.24	
Calcium (% Ca)	0.83	0.91	16.67	
Magnesium (% Mg)	0.19	0.21	3.85	
Zinc (ppm Zn)	16.49	18	0.03	
Iron (ppm Fe)	3536.68	3861	7.07	
Manganese (ppm Mn)	66.87	73	0.13	
Copper (ppm Cu)	17.40	19	0.03	
Boron (ppm B)	108.09	118	0.22	
Sulfur (% S)	1.04	1.13	20.70	
pH (Std Unit)		3.7		

Interpretations & Recommendations: