A & L WESTERN AGRICULTURAL LABORATORIES

1311 WOODLAND AVE #1 • MODESTO, CALIFORNIA 95351 • (209) 529-4080 • FAX (209) 529-4736

REPORT NUMBER: 14-273-122 **CLIENT NO:** 5441-D

SEND TO: TERRA RENEWAL
12812 VALLEY VIEW #9
GARDEN GROVE, CA 92845

SUBMITTED BY: CHRIS MARKS

CUSTOMER: MERCED

LAB NO: 21152 **DATE:** 10/08/2014

ORGANIC FERTILIZER REPORT

SAMPLE ID	REPORT OF ANALYSIS IN PERCENT									REPORT OF ANALYSIS IN PARTS PER MILLION						
	Nitrogen N	Phosphorus P	Phosphate P_2O_5	Potassium K	Potash K_2O	Sulfur S	Magnesium Mg	Calcium Ca	Sodium Na	Iron Fe	Aluminum Al	Manganese Mn	Copper Cu	Zinc Zn	B	
SANTA CRUZ	4.44	2.93	6.71	0.160	0.193	1.980	0.380	4.640	0.150	28030	20020	1033	611	1262	18.0	

SAMPLE ID	POUNDS OF NUTRIENTS / TON															
	Nitrogen N	Phosphorus P	Phosphate P_2O_5	Potassium K	Potash K_2O	Sulfur S	Magnesium Mg	Calcium Ca	Sodium Na	Iron Fe	Aluminum Al	Manganese Mn	Copper Cu	Zinc Zn	B	
SANTA CRUZ	88.8	58.6	134.3	3.2	3.9	39.6	7.6	92.8	3.0	56.1	40.0	2.1	1.2	2.5	<0.1	

☐ **Reported on an as-received basis** **Moisture =**

☒ **Reported on a dry basis** **Moisture =** 78.95%

Remarks: To convert to pounds of nutrients/ton as received, multiply pounds of nutrients/ton as reported by (100 - moisture %)/100.

pH = 8.1
C:N Ratio = 8:1
Soluble Salts = 1.3 dS/m
Organic Matter = 62.44 %
Ammonia Nitrogen = 0.352 %
Nitrate Nitrogen = <0.003 %
Chloride = 0.14 %
Organic Nitrogen = 4.09 %
Volatile Solids = 62.44 %

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This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.

Robert Butterfield
A & L WESTERN LABORATORIES, INC.