

REPORT NUMBER

F301-040B

A & L Southern Agricultural Laboratories, LLC.

1199 W. Newport Center Drive • Deerfield Beach, FL 33442

(954)972-3255 • FAX (954)972-7885 • email: [REDACTED]



"Get The Soil Right"

GROWER: EPSTEIN RES.

SAMPLES SUBMITTED RANDY

BY:

PO No:

DATE RECEIVED: 10/27/2009

DATE REPORTED 10/28/2009

PAGE: 1 of 2

SEND PLANT DYNAMIC'S INC.
TO:

Copy
TO:

P O BOX 190
LOXAHATCHEE, FL 33470

SOIL ANALYSIS REPORT

LAB NUMBER SAMPLE ID	ORGANIC MATTER %	ENR lbs./A	P1 WEAK BRAY ****ppm	P2 STRONG BRAY****ppm	POTASSIUM ***** ppm	MAGNESIUM *** ppm	CALCIUM *** ppm	SODIUM *** ppm	SOIL pH
0191	4.6	136 VH	16 L	65 VH	22 L	45 M	1782 VH	36 L	7.7 VH
Bougainvilla, Palms general	ALUMINUM ppm	HCO3-P ppm	HYDROGEN meq/100g	C.E.C. meq/100g	PERCENT BASE SATURATION (COMPUTED)				
			0.0	9.5	% K	% Mg	% Ca	% Na	% H
					0.6	3.9	93.8	1.6	0.0
	NO3-N ppm	SULFUR ppm	ZINC ppm	MANGANESE ppm	IRON ppm	COPPER ppm	BORON ppm	BUFFER pH	SOLUBLE SALTS mmhos/cm
		20 M	5 H	11 M	12 H	3.4 VH	1 M		0.12 L
CHLORIDE ppm	MOLYBDENUM ppm	WATER SOL Pw ppm	TOTAL N ppm	NH4 ppm	TEXTURE ANALYSIS				
					% SAND	% SILT	% CLAY	CLASSIFICATION	

CODE TO RATING – Very Low (VL) – Low (L) – Medium (M) – Very High (VH)

*ENR – Estimated Nitrogen Release

***MULTIPLY THE RESULTS IN ppm BY 2 TO CONVERT TO LBS. PER ACRE OF THE ELEMENTAL FORM.

****MULTIPLY THE RESULTS IN ppm BY 4.6 TO CONVERT TO LBS. PER ACRE P₂O₅

*****MULTIPLY THE RESULTS IN ppm BY 2.4 TO CONVERT TO LBS. PER ACRE K₂O

MOST SOILS WEIGH TWO (2) MILLION POUNDS (DRY WEIGHT) FOR AN ACRE OF SOIL 6-2/3 INCHES DEEP

Our reports and letters are for the exclusive and confidential use of our clients, and may not be reproduced whole or in part, nor may any reference be made to the work, the results or the company in any advertising, news release or other public announcements without obtaining our prior written authorization. Crop success is neither warranted nor implied. Apply fertilizers carefully to avoid groundwater pollution.

Copyright 1977

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

A & L SOUTHERN AGRICULTURAL LABORATORIES LLC.

By Lynn P. Griffith, Jr. - Lab Manager

REPORT NUMBER

F301-040B

A & L Southern Agricultural Laboratories, LLC.

1199 W. Newport Center Drive • Deerfield Beach, FL 33442

(954)972-3255 • FAX (954)972-7885 • email: [REDACTED]



"Get The Soil Right"

GROWER: EPSTEIN RES.

SAMPLES SUBMITTED BY: RANDY

PO No:

DATE RECEIVED: 10/27/2009

DATE REPORTED 10/28/2009

PAGE: 2 of 2

SEND TO: PLANT DYNAMIC'S INC.

P O BOX 190
LOXAHATCHEE, FL 33470

Copy TO:

SOIL ANALYSIS REPORT

Remarks

Soil pH is slightly high here, which is normal for the area. Suggest using acid forming fertilizer materials that contain sulfur coated urea or ammonium sulfate. The P1 soil phosphorus levels are low. Potassium is low as well. There is a very wide ratio between magnesium and calcium. Minor nutrient levels look to be in a good range. Suggest fertilizing with a 12-4-12 palm special that has 4% magnesium in it and a good blend of trace elements including 1% iron and 1-1/2% manganese. Apply the fertilizer at the rate of 14 pounds per 1000 square foot of bed area at least four times per year.

CODE TO RATING – Very Low (VL) – Low (L) – Medium (M) – Very High (VH)

*ENR – Estimated Nitrogen Release

***MULTIPLY THE RESULTS IN ppm BY 2 TO CONVERT TO LBS. PER ACRE OF THE ELEMENTAL FORM.

****MULTIPLY THE RESULTS IN ppm BY 4.6 TO CONVERT TO LBS. PER ACRE P₂O₅

*****MULTIPLY THE RESULTS IN ppm BY 2.4 TO CONVERT TO LBS. PER ACRE K₂O

MOST SOILS WEIGH TWO (2) MILLION POUNDS (DRY WEIGHT) FOR AN ACRE OF SOIL 6-2/3 INCHES DEEP

Our reports and letters are for the exclusive and confidential use of our clients, and may not be reproduced whole or in part, nor may any reference be made to the work, the results or the company in any advertising, news release or other public announcements without obtaining our prior written authorization. Crop success is neither warranted nor implied. Apply fertilizers carefully to avoid groundwater pollution.
Copyright 1977

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

A & L SOUTHERN AGRICULTURAL LABORATORIES LLC.

By Lynn P. Griffith, Jr. - Lab Manager

