

CTAHR

College of Tropical Agriculture & Human Resources
University of Hawaii at Manoa

Agricultural Diagnostic Service Center

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Soil/Plant Analysis Report

Client:	TOUBMAN, KARL P.O. BOX 1556 KAPAAU, HI 96755	Date Reported:	05/13/2011
Agent:		HAMASAKI, RANDALL, Office: KAMUELA 67-5189 KAMAMALU ROAD KAMUELA, HI 96743-8439 887-6183, Fax: 887-6182	

Sample Information

Job Control No:	11-043098-002	Map Unit:		Plant Grown:	OTHER CROP
Sample Label:	LIEBMANN	Soil Series:		Plant to be grown:	OTHER CROP
Date Received:	4/27/2011	Soil Category:	HEAVY SOIL	Can you till 4-6 in.?	No
Send Copy To		Soil Depth (in):		Test Results Only?	No
Elevation (ft.):		Latitude:		Longitude:	

Test Results and Interpretation

HEAVY SOIL		INTERPRETATION					
Soil Analysis	Results	Expected	Very Low	Low	Sufficient	High	Very High
_pH	5.6	6					
P_ppm	57	37.5					
K_ppm	299	250					
Ca_ppm	2116	1750					
Mg_ppm	685	350					
OC_%		No criteria found					
Total_N_%		No criteria found					
Salinity_EC		1.25					
S_ppm		No criteria found					
Fe_ppm		No criteria found					
Mn_ppm		No criteria found					
Zn_ppm		No criteria found					
Cu_ppm		No criteria found					
B_ppm		No criteria found					
Mo_ppm		No criteria found					
Al_ppm		No criteria found					

OTHER CROP		INTERPRETATION					
Plant Analysis	Results	Expected	Very Low	Low	Sufficient	High	Very High
N_%		No criteria found					
P_%		No criteria found					
K_%		No criteria found					
Ca_%		No criteria found					
Mg_%		No criteria found					
S_%		No criteria found					
Fe_ppm		No criteria found					
Mn_ppm		No criteria found					
Zn_ppm		No criteria found					
Cu_ppm		No criteria found					
B_ppm		No criteria found					
Mo_ppm		No criteria found					
Al_ppm		No criteria found					
NO3_ppm		No criteria found					

Problem Description

OTHER PLANTS TO BE GROWN: HERBS AND SUGARCANE.

Fertilizer and Lime Recommendations

Total Nutrient Requirement (lbs/Acre):		Nitrogen: 200	Phosphorus: 0	Potassium: 0
Fertilizer / Lime	Material	Total Amount (lbs/100sq-ft.)	Applications	Cost Estimate (\$/100sq-ft.)
Fertilizer:	46-0-0	1.02	split into 6 applns.	0.213
Lime Material:	Coral Limestone	4.61	split into 1 applns.	1.01

Comments

---- GENERAL INFORMATION ----

- o Please indicate the soil series when submitting your soil samples.
- o Knowing levels of sulfur and micronutrients in plants is also important. For proper diagnosis, tissue analysis is needed.
- o Apply and incorporate all of the lime before planting.
- o For herbs, split the fertilizer into several applications, at planting and thereafter once every month until the total amount has been applied.
- o We recommend that you adopt a nutrient monitoring approach by retaining this sample report for comparison with future samples.

NOTE:

The interpretations are based on Fact Sheet No. 3 "Adequate Nutrient Levels in Soils and Plants in Hawaii."
 To help improve future recommendations, please answer the following questions, photocopy this form and return it to above address.
 1. Did you need to modify the recommendation? if so, how?
 2. Did your plants improve? Please give unit area yield before and after the recommendation was applied.

FEEDBACK