

Waters Agricultural Laboratories, Inc

Soil Health & Fertility Report

"Improving Growth... With Science"

Target pH 6.5

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Customer: 77

WATERS AGRICULTURAL LABORATORIES

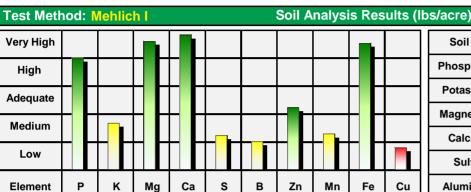
PO BOX 382 CAMILLA, GA 31730

Sample Information

 Grower:
 JOSEPH LEWIS
 Received:
 10/12/2017

 FieldID:
 Processed:
 10/16/2017

 SampleID:
 1
 Lab Number:
 721324JC

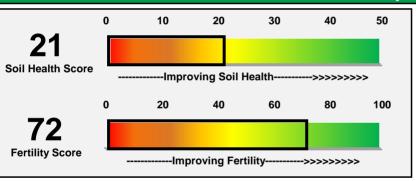


Soil pH	5.6	Buffer pH	7.8
Phosphorus	157	Boron	0.51
Potassium	125	Zinc	5.78
Magnesium	334	Manganese	23
Calcium	2269	Iron	49
Sulfur	31	Copper	0.64
Aluminum	200	Sodium	89

Base Saturation

CEC (meq/100g)	K (%)	Mg (%)	Ca (%)	H (%)	Na (%)	Soluble Salts (mmhos/cm)	BiCarbs (meq/L)
8.82	1.78	15.43	62.90	17.74	2.15	1.25	

Soil Health & Fertility Analysis



Solvita - CO2 Burst	166	Very High
Solvita - SLAN	201	Very High
Active Carbon	22	Low
Aggregate Stability	14	Very Low
Organic Matter 2.30		Adequate

Est. Biological N-Mineralization	58
Est. Nitrogen for Crop	70
Response to Additional Nitrogen	Not Likely

P : [Al+Fe] (%)	P : [Ca+Mg] (%)	Ca : [Al+Fe] (%)	ESP - Sodium (%)	
63.05	6.03	911.24	2.19	

Crop: NO CROP Fertility Recommendations (lbs/acre)

	age	

Nitrate

8.15

Lime Tons/Acre	Gypsu Tons/Ac
1	

ım	
cre	

N	P205	K20	Mg	S	B	Zn	Mn	Fe	Cu
Nitrogen	Phosphate	Potash	Magnesium	Sulfur	Boron	Zinc	Manganese	Iron	Copper
	0 *	0 *	0	0	0	0	0	0	0

Ammonia

Comments

Cover Crop Suggestion: 20% Legume | 80% Grass

SPLIT APPLICATIONS OF NITROGEN RECOMMENDED. SULFUR SHOULD BE APPLIED WHEN THE TOPDRESS NITROGEN APPLICATION IS MADE. PLANT SAMPLES SHOULD BE TAKEN DURING THE GROWING SEASON TO MONITOR THE NEED FOR ADDITIONAL NUTRIENTS. IF DOLOMITE LIME HAS BEEN APPLIED RECENTLY, MAGNESIUM RECOMMENDATION CAN BE CUT IN HALF.

* = Maintenance Recommendation