Agro-One Soil Analysis

with Cornell Nutrient Guidelines

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Lab Sample ID: 3000010 Field/Location: Field 4 South Date Sampled: 05/13/2011

Date Tested:

Statement ID: tom 855

Description:

County: Nassau

No address

Element	lbs/acre*	Very Low	Low	Optimum	High	Very High
Phosphorus (P)	49					1 1 1
Potassium (K)	148					1 1 1
Calcium (Ca)	1,649					1 1 1
Magnesium (Mg)	330					1 1 1

Element	Value	Element	Value	Element	Value
Soil pH	5.4	Manganese (Mn), lbs/acre	34	% OM	13.8
Buffer pH	5.9	Zinc (Zn), lbs/acre	37		
Iron (Fe), lbs/acre	3	Aluminum (AI), lbs/acre	40		

Crop History (1 = last year, etc.)	Sample Information Summary
0.0p	

Soil Name: Langford Year Crop Tillage Depth: Not Specified No History

Drainage: Good

% Legume: Not Specified

Crop Code:	TOM
Type:	Maintenance

Soil Fertilizer Recommendations (1=current yr, 2=next yr, etc.)		tons / acre	lbs / acre		
Year C	Crop	Lime	N Range	P2O5 Range	K20
1 To	omatoes-All Others	3.50	130	20	120.00

Comments - Impove yield and plant quality as well as protect the environment with proper fertilization.

* Modified Morgan analysis results reported in pounds per acre.

For assistance interpreting your report, contact your local Cooperative Extension office at 516-433-7970 or http://cce.cornell.edu/Pages/Default.aspx for a complete list of Cornell Cooperative Extension offices.

Nutrient recommendations provided by Cornell University.

These are general comments. Always consult with your crop adviser for recommendations specific to your farm.

Improve yield and plant quality as well as protect the environment with proper fertilization.

- Yr1 Plow down and incorporate 40 lbs/acre of N plus 1/2 the P2O5 and K2O.
- Yr1 Band an additional 40 lbs/acre of N plus the remaining P2O5 and K2O.
- Yr1 Transplants: bands should be 4 inches deep and 3 to 4 inches from the row.
- Yr1 Seeding: the fertilizer band should be 2 inches below the seed and 2 inches to the side of the row.
- Yr1 An additional 50 lbs/acre of N is recommended about the time the first clusters set fruit.
- Yr1 Manure or plowed sod can substitute for the sidedressing.
- Yr1 After heavy rains on coarse soils, additional sidedressing may be needed.
- Yr1 The use of a plastic mulch will decrease leaching loss of N.
- Yr1 Do not exceed 100 lbs/acre of N+K2O in the fertilizer band. If additional K2O is needed plow down or broadcast prior to planting.
- Yr1 Lime rate is for 100% ENV. To calculate actual rate: rate to use = recommended rate/ENV (of lime source) x 100.