

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

Also sent to:
GB/PKS/MJR/CMH/DK/MJ

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Cornell University
College of Agriculture
and Life Sciences



No address

Lab Sample ID: **3000030**
Field/Location: SB#2
Date Sampled: 05/31/2011
Date Tested: 07/19/2011
Statement ID: app 855 was morgan
Description:
County: Tompkins

F

Element	lbs/acre*	Very Low	Low	Optimum	High	Very High	
Phosphorus (P)	2	██					
Potassium (K)	71	██					
Calcium (Ca)	1,129	██					
Magnesium (Mg)	100	██					

Element	Value	Element	Value	Element	Value
Soil pH	5.7	Manganese (Mn), lbs/acre	11	% OM	2.2
Buffer pH	6.2	Zinc (Zn), lbs/acre	11		
Iron (Fe), lbs/acre	10	Aluminum (Al), lbs/acre	96		

Sample Information Summary

Soil Name: Lansing
Sample Depth: Subsurface
Ground Cover: No
Crop Code: APP
Type: Maintenance

Soil Fertilizer Recommendations (1=current yr, 2=next yr, etc.)

Year	Crop	tons / acre		lbs / acre	
		Lime	N Range	P2O5 Range	K2O
1	Apples	2.50	0 - 15	65	95.00

Comments - Improve 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 607-272-2292 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.

- N rates given above are to be used as a guide only if leaf analyses results are unavailable.
- Lime rate is for 100% ENV. To calculate actual rate: rate to use = recommended rate/ENV (of lime source) x 100.
- Apply dolomitic lime containing at least 10% Mg.
- Apply 150 lbs Mg/acre as sulfates of Mg.
- Apply the P2O5 only if leaf analysis is <0.08%, indicating a plant need for phosphorus.
- Liming subsoils by surface applications requires several years.