

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



Dairy One

No address

Lab Sample ID: **300020**
Field/Location: FYF
Date Sampled:
Date Tested: 07/19/2011
Statement ID: atf 855 was morgan
Description:
County: Cattaraugus

T

Element	lbs/acre*	Very Low	Low	Optimum	High	Very High
Phosphorus (P)	7	[Bar chart showing Phosphorus level in the Optimum range]				
Potassium (K)	223	[Bar chart showing Potassium level in the High range]				
Calcium (Ca)	1,691	[Bar chart showing Calcium level in the Low range]				
Magnesium (Mg)	211	[Bar chart showing Magnesium level in the Optimum range]				

Element	Value	Element	Value	Element	Value
Soil pH	5.9	Manganese (Mn), lbs/acre	18	% OM	3.0
Buffer pH	6.1	Zinc (Zn), lbs/acre	1		
Iron (Fe), lbs/acre	3	Aluminum (Al), lbs/acre	16		

Sample Information Summary

Soil Name: Castile
Soil Texture: Silty
Soil Drainage: Excellent
Crop Code: ATF
Type: Maintenance
Species: Not Specified

Soil Fertilizer Recommendations

Crop	lbs/1000 sqft		lbs/1000 sqft	
	Lime	N Range	P2O5 Range	K2O
Athletic Field Turf	45.91	3.0	0.0	1.38

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 716.699.2377 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.

Please note: if requested yield goals exceed the stated minimum or maximum, the minimum or maximum value, respectively, will be used to generate recommendations.

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

- If an analysis result is not referred to specifically in the recommendations or comments then levels are considered normal.
- Nitrogen should be applied at rates of 1/2 to 1 lb/1000 sq ft. Higher rates may be used when slow release sources are used.
- The recommended rates above are an annual nutrient requirement for this crop.
- Lime rate is for 100% ENV. To calculate actual rate: rate to use = recommended rate/ENV (of lime source) x 100.
- Nitrogen recommendations in the table above are for the entire year.