

Cornell Nutrient Analysis Laboratories

New York State College of Agriculture and Life Sciences * A Statutory College of the State University
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IDENTIFICATION

Flour Yield

LAB ID	SAMPLED	RECEIVED	REPORTED	COUNTY	BAG #	SAMPLE ID	AGENTS PHONE
7682-34 (H)	/ /	02/21/06	03/02/06	TOMP	0	1A FRONT	(607)272-2292

ADDRESSES

REPRESENTATIVE	GROWER	COOPERATIVE EXTENSION AGENT
		MONIKA ROTH CCE-TOMPKINS COUNTY 615 WILLOW AVENUE ITHACA NY 14850

BACKGROUND INFORMATION

SITE	CROP	TURFGRASS	TREES AND SHRUBS	AMENDMENTS
Environment: MOST SUN Drainage : FAIR Texture : LOAMY Topography : SIDE	Crop Code: TRF Variety : APPLE/QUINCE Recommend: PREPLANT Month : 3	Species : Cut Height: Clippings : Irrigation: Irr. Rate :	Age/ht/dia: Location : Top Prune : Tree Type : Growth :	Manure Type: Manure, #/M: Compost, in: Lime, #/M : Sulfer, #/M:

SOIL TEST RESULTS

	Very Low	-	Low	+	-	Medium	+	-	High	+	Excess
pH	5.4	■■■■									
PHOSPHORUS (P #/A)	1	■■■■■■■■■■■■■■■■■■■■									
POTASSIUM (K #/A)	120	■■■■■■■■■■■■■■■■■■■■									
MAGNESIUM (Mg #/A)	280	■■■■■■■■■■■■■■■■■■■■									
CALCIUM (Ca #/A)	2220	■■■■■■■■■■■■■■■■■■■■									
Ex Acidity (ME/100g):	16	Manganese (Mn #/A):	51	Nitrate (NO3-N #/A):	12						
Aluminum (Al #/A):	167	Zinc (Zn #/A):	2.1	Salts (mmho/cm):	0.090						
Iron (Fe #/A):	34	Organic Matter (%):	5.1	Salts (K x 100000):	9						

LIME AND FERTILIZER RECOMMENDATIONS

CROP: TREE FRUITS (TRF)					
	Recommendations per acre		Recommendations per 1000 sq ft	Recommendations per 100 sq ft	
Lime (T/A):	9	Lime (#/M):	390	Lime (#/100 SQ FT):	39.1
Nitrogen (N #/A):	0	Nitrogen (N #/M):	0	Nitrogen (#/100 SQ FT):	0
Phosphate (P2O5 #/A):	120	Phosphate (P2O5 #/M):	2.8	Phosphate (#/100 SQ FT):	0.28
Potash (K2O #/A):	155	Potash (K2O #/M):	3.6	Potash (#/100 SQ FT):	0.36

1ST YEAR. TREE FRUITS (TRF)

- IF AN ANALYSIS RESULT IS NOT REFERRED TO SPECIFICALLY IN THE RECOMMENDATIONS OR COMMENTS THEN LEVELS ARE CONSIDERED NORMAL.
- APPLY STARTER SOLUTION AT TRANSPLANTING AND 0.25 #/TREE OF CALCIUM NITRATE (0.6 OZ N) AFTER FOLIAGE BEGINS TO DEVELOP.
- 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.

Abbreviation key: lb = pound, # = pound, T = tons, A = acres, M = 1000, N = nitrogen, and SQ FT = square feet.

Maintain a good sampling program and keep a record of all nutrient analyses and recommendations.