

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

Also sent to:
CORNELL UNIVERSITY

Agro-One
730 Warren Road
Ithaca, NY 14850
Phone: (800) 344-2697
Fax: (607) 257-1350
www.dairyone.com



Lab Sample ID: 71586220
Field/Location: KK1747 CODE PM
Date Sampled:
Date Tested: 02/25/2014
Statement ID:
Description:
County: Onondaga

V

Emails/Phones: CORNELL UNIVERSITY:

Element	lbs/acre*	Very Low	Low	Optimum	High	Very High
Phosphorus (P)	2,610					
Potassium (K)	16,875					
Calcium (Ca)	32,324					
Magnesium (Mg)	8,202					

Element	Value	Element	Value	Element	Value
Soil pH	6.0	Manganese (Mn), lbs/acre	39	Soluble Salts, mmhos/cm	4.3
Buffer pH	6.3	Zinc (Zn), bs/acre	41	% OM	30.9
Iron (Fe), lbs/acre	1	Aluminum (Al), lbs/acre	5		

Crop History (1 = last year, etc.)

Year	Crop
2	Mixed Vegetables
1	Mixed Vegetables

Sample Information Summary

Soil Name: Lima
Tillage Depth: Not Specified
Drainage: Not Specified
% Legume: Not Specified
Crop Code: MIX
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	Mixed Vegetables	0.00	120 - 140	20	0.00
2	Mixed Vegetables	0.00	120 - 140	20	0.00
3	Mixed Vegetables	0.00	120 - 140	20	0.00

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 315-424-9485 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.

This is the chemical analysis portion of your Soil Health report. Physical/biological assays will follow on a separate report.

Yr1 Do not exceed 80 - 100 lbs/acre of N + K2O in the fertilizer band. If more K2O is required, plowdown or broadcast before plan ing.

Yr1 High soil P response to P unlikely in warm soil. Crops seeded or transplanted into cooler soils may respond to banded or starter P.

Yr1 K2O fertilizer recommendation above appropriate for coarse or moderately coarse soils normally used in vegetable crop production.

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Emails/Phones: CORNELL UNIVERSITY [REDACTED]

- [REDACTED]
- Yr1 Your soil appears to be fine textured. For these soils the K2O fertilizer recommendation can be adjusted 20% downward.
Yr1 Apply 100 lbs/acre of N at or near planting time.
Yr1 Broadcast 50% and apply the remainder in bands when setting plants.
Yr1 Seeding: the fertilizer band should be 2 inches below the seed and 2 inches to the side of the row.
Yr1 Sidedress 30 - 40 lbs/acre of N 3 to 4 weeks after thinning or setting the plants.
Yr1 Additional sidedressed N should not be required unless there was leaching from heavy rains.
Yr2 Do not exceed 80 - 100 lbs/acre of N + K2O in the fertilizer band. If more K2O is required, plowdown or broadcast before plan ing.
Yr2 High soil P response to P unlikely in warm soil. Crops seeded or transplanted into cooler soils may respond to banded or starter P.
Yr2 K2O fertilizer recommendation above appropriate for coarse or moderately coarse soils normally used in vegetable crop production.
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