

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

Also sent to:
CARLA CRIM

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



Cornell University
College of Agriculture
and Life Sciences



Agro-One
Agronomy Services

Lab Sample ID: **72842420**
Field/Location: VEG AWEV
Date Sampled: 04/20/2018
Date Tested: 05/02/2018
Statement ID: ERWIN KARL
Description:
County: Delaware

V

ERWIN KARL
34615 ST HWY 28
ANDES, NY 13731

Emails/Phones: ERWIN KARL: eakarl@yahoo.com

Element	lbs/acre*	Very Low	Low	Optimum	High	Very High
Phosphorus (P)	2	[Bar chart showing value 2 in the Very Low range]				
Potassium (K)	410	[Bar chart showing value 410 in the High range]				
Calcium (Ca)	2,680	[Bar chart showing value 2,680 in the High range]				
Magnesium (Mg)	304	[Bar chart showing value 304 in the Low range]				

Element	Value	Element	Value	Element	Value
Soil pH	5.8	Manganese (Mn), lbs/acre	43	% OM	8.2
Buffer pH	6.0	Zinc (Zn), lbs/acre	3		
Iron (Fe), lbs/acre	11	Aluminum (Al), lbs/acre	199		

Crop History (1 = last year, etc.)		Sample Information Summary	
Year	Crop	Soil Name: Wellsboro	Crop Code: MIX
3	Idle Land	Tillage Depth: 1 - 7 Inches	Type: Maintenance
2	Idle Land	Drainage: Not Specified	
1	Idle Land	% Legume: 1% - 25% Legume	

Soil Fertilizer Recommendations (1=current yr, 2=next yr, etc.)		tons / acre		lbs / acre	
Year	Crop	Lime	N Range	P2O5 Range	K2O
1	Mixed Vegetables	2.00	120 - 140	120	0.00
2	Mixed Vegetables	0.00	120 - 140	120	0.00
3	Mixed Vegetables	0.00	120 - 140	120	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 607-865-6531 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.

Yr1 Lime rate is for 100% ENV. To calculate actual rate: rate to use = recommended rate/ENV (of lime source) x 100.

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

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

Yr1 Apply 100 lbs/acre of N at or near planting time.

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ANDES, NY 13731

- 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 planting.
- Yr2 Plow down sod or cover crop will provide 20 lbs/acre of N. Reduce sidedress N applications appropriately.
- Yr2 K₂O fertilizer recommendation above appropriate for coarse or moderately coarse soils normally used in vegetable crop production.
- Yr2 Apply 100 lbs/acre of N at or near planting time.
- Yr2 Broadcast 50% and apply the remainder in bands when setting plants.
- Yr2 Seeding: the fertilizer band should be 2 inches below the seed and 2 inches to the side of the row.
- Yr2 Sidedress 30 - 40 lbs/acre of N 3 to 4 weeks after thinning or setting the plants.
- Yr2 Additional sidedressed N should not be required unless there was leaching from heavy rains.
- Yr3 Do not exceed 80 - 100 lbs/acre of N + K₂O in the fertilizer band. If more K₂O is required, plowdown or broadcast before planting.
- Yr3 K₂O fertilizer recommendation above appropriate for coarse or moderately coarse soils normally used in vegetable crop production.
- Yr3 Apply 100 lbs/acre of N at or near planting time.
- Yr3 Broadcast 50% and apply the remainder in bands when setting plants.
- Yr3 Seeding: the fertilizer band should be 2 inches below the seed and 2 inches to the side of the row.
- Yr3 Sidedress 30 - 40 lbs/acre of N 3 to 4 weeks after thinning or setting the plants.
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Lab Sample ID: **72842430**
 Field/Location: PAS B WEC
 Date Sampled: 04/20/2018
 Date Tested: 05/02/2018
 Statement ID: ERWIN KARL
 Description:
 County: Delaware

V

Emails/Phones: ERWIN KARL: eakarl@yahoo.com

ERWIN KARL
 34615 ST HWY 28
 ANDES, NY 13731

Element	lbs/acre*	Very Low	Low	Optimum	High	Very High
Phosphorus (P)	2	[Progress bar]				
Potassium (K)	169	[Progress bar]				
Calcium (Ca)	1,908	[Progress bar]				
Magnesium (Mg)	259	[Progress bar]				

Element	Value	Element	Value	Element	Value
Soil pH	5.6	Manganese (Mn), lbs/acre	48	% OM	6.5
Buffer pH	5.9	Zinc (Zn), lbs/acre	1		
Iron (Fe), lbs/acre	21	Aluminum (Al), lbs/acre	239		

Crop History (1 = last year, etc.)		Sample Information Summary	
Year	Crop	Soil Name: Wellsboro	Crop Code: PNT
3	Pasture W/native Grasses (topdress)	Tillage Depth: 1 - 7 Inches	Type: Maintenance
2	Pasture W/native Grasses (topdress)	Drainage: Not Specified	
1	Pasture W/native Grasses (topdress)	% Legume: Not Specified	

Soil Fertilizer Recommendations (1=current yr, 2=next yr, etc.)		tons / acre		lbs / acre	
Year	Crop	Lime	N Range	P2O5 Range	K2O
1	Pasture W/native Grasses (topdress)	1.00	50 - 75	35	0.00
2	Pasture W/native Grasses (topdress)	0.00	50 - 75	35	0.00
3	Pasture W/native Grasses (topdress)	0.00	50 - 75	35	0.00

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

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 These are general comments. Always consult with your crop adviser for recommendations specific to your farm.
 Yr1 Lime rate is for 100% ENV. To calculate actual rate: rate to use = recommended rate/ENV (of lime source) x 100.
 Yr1 Iron, aluminum and manganese may be present at toxic levels - avoid by adding lime.

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Date Sampled: 04/20/2018
Date Tested: 05/02/2018
Statement ID: ERWIN KARL
Description:
County: Delaware

V

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ANDES, NY 13731

Emails/Phones: ERWIN KARL: eakarl@yahoo.com

Element	lbs/acre*	Very Low	Low	Optimum	High	Very High
Phosphorus (P)	2	[Bar chart showing value 2 is in the Very Low range]				
Potassium (K)	148	[Bar chart showing value 148 is in the Low range]				
Calcium (Ca)	3,305	[Bar chart showing value 3,305 is in the High range]				
Magnesium (Mg)	202	[Bar chart showing value 202 is in the Low range]				

Element	Value	Element	Value	Element	Value
Soil pH	5.8	Manganese (Mn), lbs/acre	23	% OM	8.6
Buffer pH	6.0	Zinc (Zn), lbs/acre	2		
Iron (Fe), lbs/acre	11	Aluminum (Al), lbs/acre	218		

Crop History (1 = last year, etc.)		Sample Information Summary	
Year	Crop	Soil Name: Wellsboro	Crop Code: PNT
3	Pasture W/native Grasses (topdress)	Tillage Depth: 1 - 7 Inches	Type: Maintenance
2	Pasture W/native Grasses (topdress)	Drainage: Not Specified	
1	Pasture W/native Grasses (topdress)	% Legume: Not Specified	

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1	Pasture W/native Grasses (topdress)	1.00	50 - 75	35	0.00
2	Pasture W/native Grasses (topdress)	0.00	50 - 75	35	0.00
3	Pasture W/native Grasses (topdress)	0.00	50 - 75	35	0.00

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