

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

Also sent to:

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: **72649090**
Field/Location: SARE F1
Date Sampled: 09/21/2017
Date Tested: 11/14/2017
Statement ID: SHANNON O SULLIVAN
Description:
County: Ulster

A

SHANNON O SULLIVAN
60 GATEHOUSE RD
NEW PALTZ, NY 12561

Emails/Phones: SHANNON O SULLIVAN: sosullivan@glynwood.org

Element	lbs/acre*	Very Low	Low	Medium	High	Very High
Phosphorus (P)	4					
Potassium (K)	112					
Calcium (Ca)	2,497					
Magnesium (Mg)	688					

Element	Value	Element	Value	Element	Value
Soil pH	5.6	Manganese (Mn), lbs/acre	26.6	% OM	6.6
Buffer pH	5.6	Zinc (Zn), lbs/acre	1.1		
Iron (Fe) , lbs/acre	11.5	Aluminum (Al), lbs/acre	106.0		

Crop History (1 = last year, etc.)

Year	Crop
3	Grass-Intensive Seeding
2	Grass-Intensive Maintenance
1	Grass-Intensive Maintenance

Sample Information Summary

Soil Name: Churchville
Tillage Depth: Not Specified
Drainage: Not Specified
% Legume: Not Specified

Crop Code: GIT
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	Grass-Intensive Maintenance	3.50	125 - 200	35	0.00
2	Grass-Intensive Maintenance	0.00	125 - 200	35	0.00
3	Grass-Intensive Maintenance	0.00	125 - 200	35	0.00

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

* Morgan analysis results reported in pounds per acre.

Nutrient recommendations provided by Cornell University. For assistance interpreting your report, contact your local Cooperative Extension office at 845-340-3990 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 Economic lime rate for topdressing sod or no till crop is 3 tons/acre. Apply 3 tons/acre and resample in 3 years or before plowing.

Yr1 Apply 50 - 80 lbs/acre of N shortly after spring green-up and 40 - 50 lbs/acre of N during early regrowth prior to each additional cut. If manure is to be applied reduce fertilizer N by 2 lbs/acre per ton manure.

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

Also sent to:

SHANNON O SULLIVAN
60 GATEHOUSE RD
NEW PALTZ, NY 12561

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:	72649090
Field/Location:	SARE F1
Date Sampled:	09/21/2017
Date Tested:	11/14/2017
Statement ID:	SHANNON O SULLIVAN
Description:	
County:	Ulster

A

Emails/Phones: SHANNON O SULLIVAN: sosullivan@glynwood.org

Yr2 Apply 50 - 80 lbs/acre of N shortly after spring green-up and 40 - 50 lbs/acre of N during early regrowth prior to each additional cut. If manure is to be applied reduce fertilizer N by 2 lbs/acre per ton manure.

Yr3 Apply 50 - 80 lbs/acre of N shortly after spring green-up and 40 - 50 lbs/acre of N during early regrowth prior to each additional cut. If manure is to be applied reduce fertilizer N by 2 lbs/acre per ton manure.

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

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

Also sent to:

SHANNON O SULLIVAN
60 GATEHOUSE RD
NEW PALTZ, NY 12561

Lab Sample ID: **72649100**
Field/Location: SARE F2
Date Sampled: 09/21/2017
Date Tested: 11/14/2017
Statement ID: SHANNON O SULLIVAN
Description:
County: Ulster

A

Emails/Phones: SHANNON O SULLIVAN: sosullivan@glynwood.org

Element	lbs/acre*	Very Low	Low	Medium	High	Very High
Phosphorus (P)	4					
Potassium (K)	116					
Calcium (Ca)	2,467					
Magnesium (Mg)	609					

Element	Value	Element	Value	Element	Value
Soil pH	5.5	Manganese (Mn), lbs/acre	26.9	% OM	6.5
Buffer pH	5.6	Zinc (Zn), lbs/acre	0.9		
Iron (Fe), lbs/acre	11.2	Aluminum (Al), lbs/acre	102.9		

Crop History (1 = last year, etc.)

Year	Crop
3	Grass-Intensive Seeding
2	Grass-Intensive Maintenance
1	Grass-Intensive Maintenance

Sample Information Summary

Soil Name: Churchville
Tillage Depth: Not Specified
Drainage: Not Specified
% Legume: Not Specified
Crop Code: GIT
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	Grass-Intensive Maintenance	4.00	125 - 200	35	0.00
2	Grass-Intensive Maintenance	0.00	125 - 200	35	0.00
3	Grass-Intensive Maintenance	0.00	125 - 200	35	0.00

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

* Morgan analysis results reported in pounds per acre.

Nutrient recommendations provided by Cornell University. For assistance interpreting your report, contact your local Cooperative Extension office at 845-340-3990 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 Economic lime rate for topdressing sod or no till crop is 3 tons/acre. Apply 3 tons/acre and resample in 3 years or before plowing.

Yr1 Apply 50 - 80 lbs/acre of N shortly after spring green-up and 40 - 50 lbs/acre of N during early regrowth prior to each additional cut. If manure is to be applied reduce fertilizer N by 2 lbs/acre per ton manure.

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

Also sent to:

SHANNON O SULLIVAN
60 GATEHOUSE RD
NEW PALTZ, NY 12561

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:	72649100
Field/Location:	SARE F2
Date Sampled:	09/21/2017
Date Tested:	11/14/2017
Statement ID:	SHANNON O SULLIVAN
Description:	
County:	Ulster

A

Emails/Phones: SHANNON O SULLIVAN: sosullivan@glynwood.org

Yr2 Apply 50 - 80 lbs/acre of N shortly after spring green-up and 40 - 50 lbs/acre of N during early regrowth prior to each additional cut. If manure is to be applied reduce fertilizer N by 2 lbs/acre per ton manure.

Yr3 Apply 50 - 80 lbs/acre of N shortly after spring green-up and 40 - 50 lbs/acre of N during early regrowth prior to each additional cut. If manure is to be applied reduce fertilizer N by 2 lbs/acre per ton manure.

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

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

Also sent to:

SHANNON O SULLIVAN
60 GATEHOUSE RD
NEW PALTZ, NY 12561

Lab Sample ID: **72649110**
Field/Location: SARE G1
Date Sampled: 09/21/2017
Date Tested: 11/14/2017
Statement ID: SHANNON O SULLIVAN
Description:
County: Ulster

A

Emails/Phones: SHANNON O SULLIVAN: sosullivan@glynwood.org

Element	lbs/acre*	Very Low	Low	Medium	High	Very High
Phosphorus (P)	4					
Potassium (K)	174					
Calcium (Ca)	2,429					
Magnesium (Mg)	665					

Element	Value	Element	Value	Element	Value
Soil pH	5.6	Manganese (Mn), lbs/acre	38.8	% OM	7.1
Buffer pH	5.6	Zinc (Zn), lbs/acre	1.0		
Iron (Fe), lbs/acre	8.5	Aluminum (Al), lbs/acre	104.2		

Crop History (1 = last year, etc.)

Year	Crop
3	Grass-Intensive Seeding
2	Grass-Intensive Maintenance
1	Grass-Intensive Maintenance

Sample Information Summary

Soil Name: Churchville
Tillage Depth: Not Specified
Drainage: Not Specified
% Legume: Not Specified
Crop Code: GIT
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	Grass-Intensive Maintenance	4.00	125 - 200	35	0.00
2	Grass-Intensive Maintenance	0.00	125 - 200	35	0.00
3	Grass-Intensive Maintenance	0.00	125 - 200	35	0.00

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

* Morgan analysis results reported in pounds per acre.

Nutrient recommendations provided by Cornell University. For assistance interpreting your report, contact your local Cooperative Extension office at 845-340-3990 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 Economic lime rate for topdressing sod or no till crop is 3 tons/acre. Apply 3 tons/acre and resample in 3 years or before plowing.

Yr1 Apply 50 - 80 lbs/acre of N shortly after spring green-up and 40 - 50 lbs/acre of N during early regrowth prior to each additional cut. If manure is to be applied reduce fertilizer N by 2 lbs/acre per ton manure.

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

Also sent to:

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:	72649110
Field/Location:	SARE G1
Date Sampled:	09/21/2017
Date Tested:	11/14/2017
Statement ID:	SHANNON O SULLIVAN
Description:	
County:	Ulster

A

SHANNON O SULLIVAN
60 GATEHOUSE RD
NEW PALTZ, NY 12561

Emails/Phones: SHANNON O SULLIVAN: sosullivan@glynwood.org

Yr2 Apply 50 - 80 lbs/acre of N shortly after spring green-up and 40 - 50 lbs/acre of N during early regrowth prior to each additional cut. If manure is to be applied reduce fertilizer N by 2 lbs/acre per ton manure.

Yr3 Apply 50 - 80 lbs/acre of N shortly after spring green-up and 40 - 50 lbs/acre of N during early regrowth prior to each additional cut. If manure is to be applied reduce fertilizer N by 2 lbs/acre per ton manure.

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

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

Also sent to:

SHANNON O SULLIVAN
60 GATEHOUSE RD
NEW PALTZ, NY 12561

Lab Sample ID: **72649120**
Field/Location: SARE G2
Date Sampled: 09/21/2017
Date Tested: 11/14/2017
Statement ID: SHANNON O SULLIVAN
Description:
County: Ulster

A

Emails/Phones: SHANNON O SULLIVAN: sosullivan@glynwood.org

Element	lbs/acre*	Very Low	Low	Medium	High	Very High
Phosphorus (P)	3					
Potassium (K)	111					
Calcium (Ca)	2,461					
Magnesium (Mg)	622					

Element	Value	Element	Value	Element	Value
Soil pH	5.6	Manganese (Mn), lbs/acre	33.1	% OM	6.6
Buffer pH	5.6	Zinc (Zn), lbs/acre	0.9		
Iron (Fe), lbs/acre	10.3	Aluminum (Al), lbs/acre	116.4		

Crop History (1 = last year, etc.)		Sample Information Summary	
Year	Crop	Soil Name: Churchville	Crop Code: GIT
3	Grass-Intensive Seeding	Tillage Depth: Not Specified	Type: Maintenance
2	Grass-Intensive Maintenance	Drainage: Not Specified	
1	Grass-Intensive Maintenance	% 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	Grass-Intensive Maintenance	4.00	125 - 200	35	0.00
2	Grass-Intensive Maintenance	0.00	125 - 200	35	0.00
3	Grass-Intensive Maintenance	0.00	125 - 200	35	0.00

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

* Morgan analysis results reported in pounds per acre.

Nutrient recommendations provided by Cornell University. For assistance interpreting your report, contact your local Cooperative Extension office at 845-340-3990 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 Economic lime rate for topdressing sod or no till crop is 3 tons/acre. Apply 3 tons/acre and resample in 3 years or before plowing.

Yr1 Apply 50 - 80 lbs/acre of N shortly after spring green-up and 40 - 50 lbs/acre of N during early regrowth prior to each additional cut. If manure is to be applied reduce fertilizer N by 2 lbs/acre per ton manure.

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

Also sent to:

SHANNON O SULLIVAN
60 GATEHOUSE RD
NEW PALTZ, NY 12561

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:	72649120
Field/Location:	SARE G2
Date Sampled:	09/21/2017
Date Tested:	11/14/2017
Statement ID:	SHANNON O SULLIVAN
Description:	
County:	Ulster

A

Emails/Phones: SHANNON O SULLIVAN: sosullivan@glynwood.org

Yr2 Apply 50 - 80 lbs/acre of N shortly after spring green-up and 40 - 50 lbs/acre of N during early regrowth prior to each additional cut. If manure is to be applied reduce fertilizer N by 2 lbs/acre per ton manure.

Yr3 Apply 50 - 80 lbs/acre of N shortly after spring green-up and 40 - 50 lbs/acre of N during early regrowth prior to each additional cut. If manure is to be applied reduce fertilizer N by 2 lbs/acre per ton manure.

Agro-One Soil Analysis
with Cornell Nutrient Guidelines

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

Also sent to:

SHANNON O SULLIVAN
60 GATEHOUSE RD
NEW PALTZ, NY 12561

Lab Sample ID: **72649130**
Field/Location: SARE H1
Date Sampled: 09/21/2017
Date Tested: 11/14/2017
Statement ID: SHANNON O SULLIVAN
Description:
County: Ulster

A

Emails/Phones: SHANNON O SULLIVAN: sosullivan@glynwood.org

Element	lbs/acre*	Very Low	Low	Medium	High	Very High
Phosphorus (P)	3					
Potassium (K)	94					
Calcium (Ca)	2,283					
Magnesium (Mg)	676					

Element	Value	Element	Value	Element	Value
Soil pH	5.6	Manganese (Mn), lbs/acre	32.9	% OM	6.9
Buffer pH	5.6	Zinc (Zn), lbs/acre	0.9		
Iron (Fe), lbs/acre	9.1	Aluminum (Al), lbs/acre	91.7		

Crop History (1 = last year, etc.)		Sample Information Summary	
Year	Crop	Soil Name: Churchville	Crop Code: PIT
3	Grass-Intensive Seeding	Tillage Depth: Not Specified	Type: Maintenance
2	Grass-Intensive Maintenance	Drainage: Not Specified	
1	Pasture-Intensive Management Seeding	% 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-Intensive Mngt Maintenance	4.00	125 - 150	35	20.00
2	Pasture-Intensive Mngt Maintenance	0.00	125 - 150	35	20.00
3	Pasture-Intensive Mngt Maintenance	0.00	125 - 150	35	20.00

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

* Morgan analysis results reported in pounds per acre.

Nutrient recommendations provided by Cornell University. For assistance interpreting your report, contact your local Cooperative Extension office at 845-340-3990 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 Economic lime rate for topdressing sod or no till crop is 3 tons/acre. Apply 3 tons/acre and resample in 3 years or before plowing.

Yr1 Apply about half of fertilizer N shortly after green-up in early spring and remainder in 1 or 2 applications during summer.

Yr2 Apply about half of fertilizer N shortly after green-up in early spring and remainder in 1 or 2 applications during summer.

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

Also sent to:

SHANNON O SULLIVAN
60 GATEHOUSE RD
NEW PALTZ, NY 12561

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:	72649130
Field/Location:	SARE H1
Date Sampled:	09/21/2017
Date Tested:	11/14/2017
Statement ID:	SHANNON O SULLIVAN
Description:	
County:	Ulster

A

Emails/Phones: SHANNON O SULLIVAN: sosullivan@glynwood.org

Yr3 Apply about half of fertilizer N shortly after green-up in early spring and remainder in 1 or 2 applications during summer.

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

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



Also sent to:

SHANNON O SULLIVAN
60 GATEHOUSE RD
NEW PALTZ, NY 12561

Lab Sample ID: **72649140**
Field/Location: SARE H2
Date Sampled: 09/21/2017
Date Tested: 11/14/2017
Statement ID: SHANNON O SULLIVAN
Description:
County: Ulster

A

Emails/Phones: SHANNON O SULLIVAN: sosullivan@glynwood.org

Element	lbs/acre*	Very Low	Low	Medium	High	Very High
Phosphorus (P)	3					
Potassium (K)	124					
Calcium (Ca)	2,420					
Magnesium (Mg)	565					

Element	Value	Element	Value	Element	Value
Soil pH	5.7	Manganese (Mn), lbs/acre	30.6	% OM	6.8
Buffer pH	5.6	Zinc (Zn), lbs/acre	1.0		
Iron (Fe), lbs/acre	8.7	Aluminum (Al), lbs/acre	116.8		

Crop History (1 = last year, etc.)		Sample Information Summary	
Year	Crop	Soil Name: Churchville	Crop Code: PIT
3	Grass-Intensive Seeding	Tillage Depth: Not Specified	Type: Maintenance
2	Grass-Intensive Maintenance	Drainage: Not Specified	
1	Pasture-Intensive Management Seeding	% 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-Intensive Mngt Maintenance	4.00	125 - 150	35	0.00
2	Pasture-Intensive Mngt Maintenance	0.00	125 - 150	35	0.00
3	Pasture-Intensive Mngt Maintenance	0.00	125 - 150	35	0.00

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

* Morgan analysis results reported in pounds per acre.

Nutrient recommendations provided by Cornell University. For assistance interpreting your report, contact your local Cooperative Extension office at 845-340-3990 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 Economic lime rate for topdressing sod or no till crop is 3 tons/acre. Apply 3 tons/acre and resample in 3 years or before plowing.

Yr1 Apply about half of fertilizer N shortly after green-up in early spring and remainder in 1 or 2 applications during summer.

Yr2 Apply about half of fertilizer N shortly after green-up in early spring and remainder in 1 or 2 applications during summer.

Agro-One Soil Analysis

with Cornell Nutrient Guidelines

Also sent to:

SHANNON O SULLIVAN
60 GATEHOUSE RD
NEW PALTZ, NY 12561

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:	72649140
Field/Location:	SARE H2
Date Sampled:	09/21/2017
Date Tested:	11/14/2017
Statement ID:	SHANNON O SULLIVAN
Description:	
County:	Ulster

A

Emails/Phones: SHANNON O SULLIVAN: sosullivan@glynwood.org

Yr3 Apply about half of fertilizer N shortly after green-up in early spring and remainder in 1 or 2 applications during summer.