#### with Cornell Nutrient Guidelines

#### Also sent to:



## 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				1 1 1	
Potassium (K)	112					
Calcium (Ca)	2,497					
Magnesium (Mg)	688					

Element	Value	Element	Value	Element	Value
Soil pH	5.6	Manganese (Mn), Ibs/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.)	Sample Information Summary				
Year	Сгор	Soil Name: Churchville	Cro	p Code: GIT		
3 2 1	Grass-Intensive Seeding Grass-Intensive Maintenance Grass-Intensive Maintenance	Tillage Depth: Not Specified Drainage: Not Specified % Legume: Not Specified		Type: Maintenance		
Soil F	ertilizer Recommendations (1=current yr, 2=next yr, etc.)	tons / acre		lbs / acre		
Veer	Cron	Lime	N Pange	P2O5 Pange	K20	

Year	Сгор	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.

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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 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.

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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.

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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 (AI), Ibs/acre	102.9		

Crop History (1 = last year, etc.)		Sample Information Summary				
Year	Сгор	Soil Name: Churchville	Cro	o Code: GIT		
3 2 1	Grass-Intensive Seeding Grass-Intensive Maintenance Grass-Intensive Maintenance	Tillage Depth: Not Specified Drainage: Not Specified % Legume: Not Specified		Type: Maintenance		
Soil F	ertilizer Recommendations (1=current yr, 2=next yr, etc.)	tons / acre		lbs / acre		
Voor	Crop	Lime	N Range	P2O5 Range	K20	

Year	Сгор	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

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Element	lbs/acre*	Very Low	Low	Medium	High	Very High
Phosphorus (P)	4				1 1 1	
Potassium (K)	174					
Calcium (Ca)	2,429					
Magnesium (Mg)	665					

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

Crop History (1 = last year, etc.)		Sample Information Summary				
Year	Сгор	Soil Name: Churchville	Cro	p Code: GIT		
3 2 1	Grass-Intensive Seeding Grass-Intensive Maintenance Grass-Intensive Maintenance	Tillage Depth: Not Specified Drainage: Not Specified % Legume: Not Specified	Type: Maintenance			
Soil F	ertilizer Recommendations (1=current yr, 2=next yr, etc.)	tons / acre		lbs / acre		
Vear	Cron	Lime	N Range	P2O5 Range	K20	

Year	Сгор	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

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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 (AI), Ibs/acre	116.4		

Crop	History  (1 = last year, etc.)	Sample Information Summary				
Year	Сгор	Soil Name: Churchville	Cro	p Code: GIT		
3 2 1	Grass-Intensive Seeding Grass-Intensive Maintenance Grass-Intensive Maintenance	Tillage Depth: Not Specified Drainage: Not Specified % Legume: Not Specified	Type: Maintenance			
Soil F	ertilizer Recommendations (1=current yr, 2=next yr, etc.)	tons / acre		lbs / acre		
Year	Crop	Lime	N Range	P2O5 Range	K20	

Year	Crop	Lime	N Range	P2O5 Range	K20
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

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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), Ibs/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	Сгор	Soil Name: Churchville	Cro	Crop Code: PIT	
3 2 1	Grass-Intensive Seeding Grass-Intensive Maintenance Pasture-Intensive Management Seeding	Tillage Depth: Not Specified Drainage: Not Specified % Legume: Not Specified	Type: Maintenance		
Soil F	ertilizer Recommendations (1=current yr, 2=next yr, etc.)	tons / acre		lbs / acre	
Year	Сгор	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

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Pasture-Intensive Mngt Maintenance

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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.

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3

0.00

125 - 150

35

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

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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), Ibs/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	Сгор	Soil Name: Churchville	Cro	Crop Code: PIT	
3 2 1	Grass-Intensive Seeding Grass-Intensive Maintenance Pasture-Intensive Management Seeding	Tillage Depth: Not Specified Drainage: Not Specified % Legume: Not Specified	Type: Maintenance		
Soil F	ertilizer Recommendations (1=current yr, 2=next yr, etc.)	tons / acre		lbs / acre	
Year	Сгор	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

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