



WHITETAIL INSTITUTE Soil Testing Services



Client : ** Copy To ** Ron Julkowski E2221 930th Ave Boyceville, WI 54725	Grower : Whitetail Institute Pintlala AL 36043 Date Received : 04/09/2021	Report No: 21-099-1266 Cust No: 15600 * Date Printed: 04/10/2021 Page : 3 of 4 Lab Number : 17572
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Sample Id : North

Nutrients	What is in the Soil				
	Very Low	Low	Medium	Adequate	Very High
Phosphorus (P)	20 ppm				
Potassium (K)	182 ppm				
Calcium (Ca)	1126 ppm				
Magnesium (Mg)	109 ppm				

Actual Soil pH	6.9
Desired pH	Imperial Clover-Maintenance 7.0
	Imperial Fusion 6.5
CEC	7.1
Organic Matter	3.5 %
See table 3 for recommended Lime requirements.	

If your wildlife plot is over one acre you may want to purchase fertilizer from your local farm center/fertilizer/chemical dealer. Refer to Table 1 for recommendations for each nutrient of pure product. If using bagged fertilizer refer to Table 2 for application amounts.

Table 1 Fertilizer to Apply for Bulk Application										
If one acre or greater apply using LBS/Acre. (See table below.)						If less than one acre apply using LBS/1000sq ft. (See table below.)				
Forage : Imperial Clover-Maintenance LB/ACRE						Forage : Imperial Clover-Maintenance LBS/1000sq ft				
Lime	Nitrogen	Phosphate	Potash	Magnesium		Lime	Nitrogen	Phosphate	Potash	Magnesium
0	0	60	0	0		0	0.0	1.4	0.0	0.0
Forage : Imperial Fusion LB/ACRE						Forage : Imperial Fusion LBS/1000sq ft				
Lime	Nitrogen	Phosphate	Potash	Magnesium		Lime	Nitrogen	Phosphate	Potash	Magnesium
0	30	60	0	0		0	0.7	1.4	0.0	0.0

To determine the best and most cost effective fertilizer for your plots, check with your local farm co/op, feed and fertilizer store or call the Whitetail Institute at (800) 688-3030 ext 1.

These recommendations are calculated to give you optimum production for one year.

When planting perennials a maintenance application should be made approximately one year after your initial planting date. The amount of fertilizer required can be precisely determined with an annual soil test.

Without a soil test visit <http://www.whitetailinstitute.com/info/planting/> or call the Whitetail Institute for general fertilizer and maintenance recommendations.

Comments :

Imperial Clover-Maintenance

- If zero nitrogen fertilizer is not available, use a fertilizer with the lowest nitrogen percentage possible.



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** Lime should always be applied at the recommended rate and thoroughly disced in as far in advance of the planting as possible.



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Sample Id : South

Nutrients	What is in the Soil				
	Very Low	Low	Medium	Adequate	Very High
Phosphorus (P)	17 ppm				
Potassium (K)	182 ppm				
Calcium (Ca)	1229 ppm				
Magnesium (Mg)	165 ppm				

Actual Soil pH	7.0
Desired pH	Imperial Clover-Maintenance 7.0 Imperial Alfa-Rack-Maintenance 7.0
CEC	8.0
Organic Matter	3.5 %
See table 3 for recommended Lime requirements.	

If your wildlife plot is over one acre you may want to purchase fertilizer from your local farm center/fertilizer/chemical dealer.
Refer to Table 1 for recommendations for each nutrient of pure product. If using bagged fertilizer refer to Table 2 for application amounts.

Table 1 Fertilizer to Apply for Bulk Application										
If one acre or greater apply using LBS/Acre. (See table below.)						If less than one acre apply using LBS/1000sq ft. (See table below.)				
Forage : Imperial Clover-Maintenance LB/ACRE						Forage : Imperial Clover-Maintenance LBS/1000sq ft				
Lime	Nitrogen	Phosphate	Potash	Magnesium		Lime	Nitrogen	Phosphate	Potash	Magnesium
0	0	60	0	0		0	0.0	1.4	0.0	0.0
Forage : Imperial Alfa-Rack-Maintenance LB/ACRE						Forage : Imperial Alfa-Rack-Maintenance LBS/1000sq ft				
Lime	Nitrogen	Phosphate	Potash	Magnesium		Lime	Nitrogen	Phosphate	Potash	Magnesium
0	0	90	0	0		0	0.0	2.1	0.0	0.0

To determine the best and most cost effective fertilizer for your plots, check with your local farm co/op, feed and fertilizer store or call the Whitetail Institute at (800) 688-3030 ext 1.

These recommendations are calculated to give you optimum production for one year.

When planting perennials a maintenance application should be made approximately one year after your initial planting date. The amount of fertilizer required can be precisely determined with an annual soil test.

Without a soil test visit <http://www.whitetailinstitute.com/info/planting/> or call the Whitetail Institute for general fertilizer and maintenance recommendations.

Comments :

Imperial Clover-Maintenance

- If zero nitrogen fertilizer is not available, use a fertilizer with the lowest nitrogen percentage possible.

Imperial Alfa-Rack-Maintenance

- If zero nitrogen fertilizer is not available, use a fertilizer with the lowest nitrogen percentage possible.



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** Lime should always be applied at the recommended rate and thoroughly disced in as far in advance of the planting as possible.

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239 Whitetail Trail, Pintlala, Alabama 36042 (334) 281-3006 Fax (334) 286-9723



Client : ** Copy To ** Ron Julkowski E 2221 930th Ave Boyceville, WI 54725	Grower : Whitetail Institute Pintlala AL 36043 Date Received : 01/20/2017	Report No: 17-020-0614 Cust No: 15600 * Date Printed: 01/23/2017 Page : 1 of 2 Lab Number : 03532
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Sample Id : Hay Field

Nutrients	What is in the Soil				
	Very Low	Low	Medium	Adequate	Very High
Phosphorus (P)	11 ppm				
Potassium (K)	55 ppm				
Calcium (Ca)	823 ppm				
Magnesium (Mg)	147 ppm				

Actual Soil pH		5.9
Desired pH	Imperial Clover-Establishment	7.0
	Imperial Extreme	6.5
CEC	6.6	
Organic Matter	3.5 %	
See table 3 for recommended Lime requirements.		

If your wildlife plot is over one acre you may want to purchase fertilizer from your local farm center/fertilizer/chemical dealer.

Refer to Table 1 for recommendations for each nutrient of pure product. If using bagged fertilizer refer to Table 2 for application amounts.

Table 1 Fertilizer to Apply for Bulk Application										
If one acre or greater apply using LBS/Acre. (See table below.)						If less than one acre apply using LBS/1000sq ft. (See table below.)				
Forage : Imperial Clover-Establishment LB/ACRE						Forage : Imperial Clover-Establishment LBS/1000sq ft				
Lime	Nitrogen	Phosphate	Potash	Magnesium		Lime	Nitrogen	Phosphate	Potash	Magnesium
2500	15	120	120	0		57	0.3	2.8	2.8	0.0
Forage : Imperial Extreme LB/ACRE						Forage : Imperial Extreme LBS/1000sq ft				
Lime	Nitrogen	Phosphate	Potash	Magnesium		Lime	Nitrogen	Phosphate	Potash	Magnesium
1250	60	102	140	0		29	1.4	2.3	3.2	0.0

To determine the best and most cost effective fertilizer for your plots, check with your local farm co/op, feed and fertilizer store or call the Whitetail Institute at (800) 688-3030 ext 1.

These recommendations are calculated to give you optimum production for one year.

When planting perennials a maintenance application should be made approximately one year after your initial planting date. The amount of fertilizer required can be precisely determined with an annual soil test.

Without a soil test visit <http://www.whitetailinstitute.com/info/planting/> or call the Whitetail Institute for general fertilizer and maintenance recommendations.

Comments :

Imperial Extreme

- Four to six weeks after planting topdress with additional 100 lbs/acre of 34-0-0.

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Sample Id : Hay Field

Table 2 N P K Fertilizer to Apply when using Bagged Fertilizer					
Please select only ONE fertilizer group from the list for the forage you are growing.					
Imperial Clover-Establishment			Imperial Extreme		
Fertilizers available in your area.	Pounds to apply per acre.	Pounds to apply per 1000 sq ft	Fertilizers available in your area.	Pounds to apply per acre.	Pounds to apply per 1000 sq ft
10-10-10 and 0-20-20	150 525	3.44 12.05	6-12-12	1000	22.96
15-15-15 and 0-20-20	100 525	2.30 12.05	10-10-10 and 0-20-20	600 210	13.77 4.82
20-20-20 and 0-20-20	75 525	1.72 12.05	15-15-15 and 0-20-20	400 210	9.18 4.82
10-10-10 and 0-46-0 and 0-0-60	150 228 175	3.44 5.24 4.02	20-20-20 and 0-20-20	300 210	6.89 4.82
15-15-15 and 0-46-0 and 0-0-60	100 228 175	2.30 5.24 4.02	10-10-10 and 0-46-0 and 0-0-60	600 91 133	13.77 2.10 3.06
20-20-20 and 0-46-0 and 0-0-60	75 228 175	1.72 5.24 4.02	15-15-15 and 0-46-0 and 0-0-60	400 91 133	9.18 2.10 3.06
			20-20-20 and 0-46-0 and 0-0-60	300 91 133	6.89 2.10 3.06

Use pounds per 1000 square feet column if wildlife plot is less than 1 acre; otherwise use pounds per acre column. See Table 2.

** Nitrogen, phosphate and potash recommendations are provided for an optimum growing response of your food plot. Acceptable growth can be achieved by applying 80% of the recommended rate of nitrogen, phosphate, and potash.

Table 3 Lime to Apply	
F o r a g e	
Imperial Clover-Establishment	Imperial Extreme
Acre application	
Apply 2500 LBS of lime per acre.	Apply 1250 LBS of lime per acre.
OR	
Square feet application	
Apply 58 LBS of lime per 1000 square feet.	Apply 29 LBS of lime per 1000 square feet.
Limestone recommendations based on a limestone with 80% total neutralizing potential (1600 lbs/ton) and 70% effective calcium carbonate (1400 lbs/ton).	
** Lime should always be applied at the recommended rate and thoroughly disced in as far in advance of the planting as possible.	