

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Turf Samples

of Samples 5,892

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	74		
K (ppm)	197	K (% Sat)	3.8
Mg (ppm)	221	Mg (% Sat)	14.6
Ca (ppm)	1,604	Ca (% Sat)	59.5
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	52

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Adams	# of Samples	45
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	35		
K (ppm)	135	K (% Sat)	2.7
Mg (ppm)	277	Mg (% Sat)	6.2
Ca (ppm)	1,700	Ca (% Sat)	63.9
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	3
MGO (LB/a)	11

COUNTY:	Allegheny	# of Samples	311
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.5		
P (ppm)	72		
K (ppm)	165	K (% Sat)	2.8
Mg (ppm)	262	Mg (% Sat)	12.5
Ca (ppm)	2,116	Ca (% Sat)	60.5
CEC	15.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	38

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY: Armstrong **# of Samples** 73

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.4		
P (ppm)	86		
K (ppm)	139	K (% Sat)	3.0
Mg (ppm)	151	Mg (% Sat)	6.3
Ca (ppm)	1,740	Ca (% Sat)	75.0
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	24

COUNTY: Beaver **# of Samples** 46

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.2		
P (ppm)	73		
K (ppm)	165	K (% Sat)	2.9
Mg (ppm)	226	Mg (% Sat)	6.6
Ca (ppm)	2,233	Ca (% Sat)	61.7
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	38

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Bedford	# of Samples	20
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.5		
P (ppm)	59		
K (ppm)	157	K (% Sat)	3.9
Mg (ppm)	172	Mg (% Sat)	5.3
Ca (ppm)	1,419	Ca (% Sat)	69.6
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	104

COUNTY:	Berks	# of Samples	203
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	78		
K (ppm)	196	K (% Sat)	3.8
Mg (ppm)	249	Mg (% Sat)	5.1
Ca (ppm)	1,727	Ca (% Sat)	58.3
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	45

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Blair	# of Samples	52
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.8		
P (ppm)	60		
K (ppm)	187	K (% Sat)	3.8
Mg (ppm)	228	Mg (% Sat)	9.5
Ca (ppm)	1,860	Ca (% Sat)	67.7
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	1
MGO (LB/a)	49

COUNTY:	Bradford	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.0		
P (ppm)	62		
K (ppm)	118	K (% Sat)	2.6
Mg (ppm)	166	Mg (% Sat)	6.9
Ca (ppm)	1,021	Ca (% Sat)	43.1
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	1
K20 (LB/A)	2
MGO (LB/a)	67

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Bucks	# of Samples	205
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	94		
K (ppm)	250	K (% Sat)	4.3
Mg (ppm)	258	Mg (% Sat)	7.3
Ca (ppm)	1,516	Ca (% Sat)	54.1
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	49

COUNTY:	Butler	# of Samples	94
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.1		
P (ppm)	58		
K (ppm)	203	K (% Sat)	3.7
Mg (ppm)	198	Mg (% Sat)	15.7
Ca (ppm)	1,764	Ca (% Sat)	62.1
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	65

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Cambria	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.6		
P (ppm)	38		
K (ppm)	166	K (% Sat)	2.7
Mg (ppm)	222	Mg (% Sat)	15.4
Ca (ppm)	2,149	Ca (% Sat)	59.4
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	7
K20 (LB/A)	2
MGO (LB/a)	40

COUNTY:	Carbon	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	57		
K (ppm)	167	K (% Sat)	3.7
Mg (ppm)	204	Mg (% Sat)	15.5
Ca (ppm)	1,281	Ca (% Sat)	55.2
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	1
MGO (LB/a)	6

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Centre	# of Samples	236
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.5		
P (ppm)	74		
K (ppm)	149	K (% Sat)	3.3
Mg (ppm)	222	Mg (% Sat)	4.4
Ca (ppm)	1,619	Ca (% Sat)	67.8
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	3
MGO (LB/a)	42

COUNTY:	Chester	# of Samples	206
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	51		
K (ppm)	188	K (% Sat)	4.2
Mg (ppm)	232	Mg (% Sat)	11.0
Ca (ppm)	1,318	Ca (% Sat)	55.5
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	38

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Clarion	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.8		
P (ppm)	37		
K (ppm)	128	K (% Sat)	2.5
Mg (ppm)	172	Mg (% Sat)	4.7
Ca (ppm)	1,589	Ca (% Sat)	59.3
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	38

COUNTY:	Clearfield	# of Samples	68
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	3.0		
P (ppm)	36		
K (ppm)	129	K (% Sat)	2.6
Mg (ppm)	166	Mg (% Sat)	5.6
Ca (ppm)	1,859	Ca (% Sat)	63.5
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	8
K20 (LB/A)	4
MGO (LB/a)	54

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Clinton	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	32		
K (ppm)	197	K (% Sat)	3.9
Mg (ppm)	165	Mg (% Sat)	6.4
Ca (ppm)	1,523	Ca (% Sat)	58.9
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	88

COUNTY:	Columbia	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	85		
K (ppm)	199	K (% Sat)	4.1
Mg (ppm)	146	Mg (% Sat)	6.5
Ca (ppm)	1,527	Ca (% Sat)	61.2
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	1
K20 (LB/A)	3
MGO (LB/a)	85

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY: Crawford **# of Samples** 9

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.1		
P (ppm)	44		
K (ppm)	143	K (% Sat)	2.9
Mg (ppm)	155	Mg (% Sat)	5.8
Ca (ppm)	1,584	Ca (% Sat)	61.6
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	3
MGO (LB/a)	67

COUNTY: Cumberland **# of Samples** 119

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	75		
K (ppm)	258	K (% Sat)	4.3
Mg (ppm)	210	Mg (% Sat)	5.8
Ca (ppm)	1,852	Ca (% Sat)	60.4
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	58

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Dauphin	# of Samples	191
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.2		
P (ppm)	77		
K (ppm)	200	K (% Sat)	4.0
Mg (ppm)	214	Mg (% Sat)	6.8
Ca (ppm)	1,646	Ca (% Sat)	63.8
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	48

COUNTY:	Delaware	# of Samples	492
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	64		
K (ppm)	194	K (% Sat)	4.0
Mg (ppm)	244	Mg (% Sat)	13.7
Ca (ppm)	1,347	Ca (% Sat)	55.2
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	53

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Eik	# of Samples	8
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.9		
P (ppm)	99		
K (ppm)	174	K (% Sat)	3.1
Mg (ppm)	274	Mg (% Sat)	20.8
Ca (ppm)	2,159	Ca (% Sat)	75.2
CEC	14.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	0

COUNTY:	Erie	# of Samples	29
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.2		
P (ppm)	72		
K (ppm)	180	K (% Sat)	3.0
Mg (ppm)	192	Mg (% Sat)	3.6
Ca (ppm)	1,884	Ca (% Sat)	62.2
CEC	14.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	3
MGO (LB/a)	43

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Fayette	# of Samples	60
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.9		
P (ppm)	23		
K (ppm)	155	K (% Sat)	2.7
Mg (ppm)	241	Mg (% Sat)	11.9
Ca (ppm)	2,809	Ca (% Sat)	65.7
CEC	15.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	2
MGO (LB/a)	43

COUNTY:	Forest	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	36		
K (ppm)	161	K (% Sat)	4.3
Mg (ppm)	147	Mg (% Sat)	6.6
Ca (ppm)	1,017	Ca (% Sat)	55.0
CEC	9.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	113

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Franklin	# of Samples	118
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.5		
P (ppm)	63		
K (ppm)	230	K (% Sat)	5.0
Mg (ppm)	210	Mg (% Sat)	8.6
Ca (ppm)	1,662	Ca (% Sat)	68.5
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	91

COUNTY:	Fulton	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	55		
K (ppm)	160	K (% Sat)	3.3
Mg (ppm)	170	Mg (% Sat)	7.7
Ca (ppm)	1,466	Ca (% Sat)	58.1
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	3
MGO (LB/a)	17

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY: **Greene** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.5		
P (ppm)	51		
K (ppm)	198	K (% Sat)	3.4
Mg (ppm)	171	Mg (% Sat)	8.1
Ca (ppm)	1,583	Ca (% Sat)	51.4
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	84

COUNTY: **Huntingdon** # of Samples **16**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	54		
K (ppm)	190	K (% Sat)	3.8
Mg (ppm)	190	Mg (% Sat)	9.0
Ca (ppm)	1,614	Ca (% Sat)	64.2
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	85

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SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Indiana	# of Samples	37
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	1.1		
P (ppm)	273		
K (ppm)	927	K (% Sat)	10.1
Mg (ppm)	347	Mg (% Sat)	6.6
Ca (ppm)	3,817	Ca (% Sat)	68.1
CEC	18.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	67

COUNTY:	Jefferson	# of Samples	7
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.9		
P (ppm)	35		
K (ppm)	138	K (% Sat)	2.8
Mg (ppm)	211	Mg (% Sat)	4.9
Ca (ppm)	1,345	Ca (% Sat)	52.4
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	45

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Juniata	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.9		
P (ppm)	64		
K (ppm)	153	K (% Sat)	3.7
Mg (ppm)	204	Mg (% Sat)	11.3
Ca (ppm)	1,894	Ca (% Sat)	70.3
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	30

COUNTY:	Lackawanna	# of Samples	60
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.3		
P (ppm)	66		
K (ppm)	116	K (% Sat)	2.7
Mg (ppm)	148	Mg (% Sat)	5.1
Ca (ppm)	1,192	Ca (% Sat)	49.7
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	3
MGO (LB/a)	64

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Turf Samples

COUNTY: Lancaster **# of Samples** 670

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	74		
K (ppm)	193	K (% Sat)	4.1
Mg (ppm)	214	Mg (% Sat)	8.6
Ca (ppm)	1,431	Ca (% Sat)	58.4
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	1
MGO (LB/a)	53

COUNTY: Lawrence **# of Samples** 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	96		
K (ppm)	313	K (% Sat)	4.5
Mg (ppm)	241	Mg (% Sat)	5.5
Ca (ppm)	1,814	Ca (% Sat)	62.8
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	82

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Lebanon	# of Samples	67
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	76		
K (ppm)	199	K (% Sat)	4.0
Mg (ppm)	199	Mg (% Sat)	9.7
Ca (ppm)	1,689	Ca (% Sat)	61.1
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	79

COUNTY:	Lehigh	# of Samples	169
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	80		
K (ppm)	324	K (% Sat)	4.2
Mg (ppm)	243	Mg (% Sat)	9.2
Ca (ppm)	1,664	Ca (% Sat)	59.8
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	70

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Luzerne	# of Samples	132
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	98		
K (ppm)	139	K (% Sat)	2.8
Mg (ppm)	166	Mg (% Sat)	6.8
Ca (ppm)	1,302	Ca (% Sat)	53.3
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	46

COUNTY:	Lycoming	# of Samples	24
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	67		
K (ppm)	177	K (% Sat)	3.9
Mg (ppm)	187	Mg (% Sat)	7.2
Ca (ppm)	1,581	Ca (% Sat)	66.1
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	64

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY: McKean **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.7		
P (ppm)	39		
K (ppm)	113	K (% Sat)	2.1
Mg (ppm)	153	Mg (% Sat)	2.1
Ca (ppm)	1,253	Ca (% Sat)	44.7
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	4
MGO (LB/a)	64

COUNTY: Mercer **# of Samples** 30

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	66		
K (ppm)	150	K (% Sat)	3.0
Mg (ppm)	194	Mg (% Sat)	5.1
Ca (ppm)	1,526	Ca (% Sat)	57.5
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	53

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY: Mifflin **# of Samples** 18

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.3		
P (ppm)	60		
K (ppm)	221	K (% Sat)	5.9
Mg (ppm)	193	Mg (% Sat)	5.2
Ca (ppm)	1,966	Ca (% Sat)	73.5
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	92

COUNTY: Monroe **# of Samples** 16

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	124		
K (ppm)	174	K (% Sat)	3.9
Mg (ppm)	164	Mg (% Sat)	8.9
Ca (ppm)	1,512	Ca (% Sat)	61.9
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	118

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY: Montgomery **# of Samples** 967

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	92		
K (ppm)	202	K (% Sat)	4.2
Mg (ppm)	229	Mg (% Sat)	4.6
Ca (ppm)	1,399	Ca (% Sat)	57.5
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	43

COUNTY: Montour **# of Samples** 9

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.1		
P (ppm)	44		
K (ppm)	172	K (% Sat)	3.6
Mg (ppm)	124	Mg (% Sat)	3.3
Ca (ppm)	1,258	Ca (% Sat)	52.0
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	146

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Northampton	# of Samples	111
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	52		
K (ppm)	197	K (% Sat)	4.1
Mg (ppm)	199	Mg (% Sat)	6.5
Ca (ppm)	1,668	Ca (% Sat)	60.3
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	71

COUNTY:	Northumberland	# of Samples	27
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	104		
K (ppm)	162	K (% Sat)	3.9
Mg (ppm)	141	Mg (% Sat)	3.3
Ca (ppm)	1,302	Ca (% Sat)	57.9
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	95

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Perry	# of Samples	25
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	112		
K (ppm)	196	K (% Sat)	3.6
Mg (ppm)	186	Mg (% Sat)	5.5
Ca (ppm)	1,699	Ca (% Sat)	60.7
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	1
MGO (LB/a)	82

COUNTY:	Philadelphia	# of Samples	45
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	179		
K (ppm)	217	K (% Sat)	4.2
Mg (ppm)	236	Mg (% Sat)	10.2
Ca (ppm)	1,923	Ca (% Sat)	60.5
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	2
MGO (LB/a)	77

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY: Pike **# of Samples** 9

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.3		
P (ppm)	61		
K (ppm)	96	K (% Sat)	3.0
Mg (ppm)	94	Mg (% Sat)	3.5
Ca (ppm)	907	Ca (% Sat)	46.3
CEC	8.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	3
MGO (LB/a)	93

COUNTY: Potter **# of Samples** 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	65		
K (ppm)	87	K (% Sat)	2.1
Mg (ppm)	157	Mg (% Sat)	7.4
Ca (ppm)	2,088	Ca (% Sat)	70.1
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	3
MGO (LB/a)	15

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY: Schuylkill **# of Samples** 38

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	113		
K (ppm)	221	K (% Sat)	3.6
Mg (ppm)	194	Mg (% Sat)	1.6
Ca (ppm)	1,631	Ca (% Sat)	53.9
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	92

COUNTY: Snyder **# of Samples** 5

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.8		
P (ppm)	116		
K (ppm)	174	K (% Sat)	3.7
Mg (ppm)	138	Mg (% Sat)	7.1
Ca (ppm)	2,099	Ca (% Sat)	78.2
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	7
K20 (LB/A)	4
MGO (LB/a)	148

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Somerset	# of Samples	20
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	66		
K (ppm)	189	K (% Sat)	3.3
Mg (ppm)	217	Mg (% Sat)	8.0
Ca (ppm)	1,996	Ca (% Sat)	65.6
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	42

COUNTY:	Susquehanna	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	74		
K (ppm)	149	K (% Sat)	3.0
Mg (ppm)	158	Mg (% Sat)	5.3
Ca (ppm)	1,384	Ca (% Sat)	53.9
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	3
MGO (LB/a)	112

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Tioga	# of Samples	28
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	52		
K (ppm)	159	K (% Sat)	3.6
Mg (ppm)	156	Mg (% Sat)	5.6
Ca (ppm)	1,418	Ca (% Sat)	56.5
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	2
MGO (LB/a)	56

COUNTY:	Union	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	77		
K (ppm)	217	K (% Sat)	4.2
Mg (ppm)	171	Mg (% Sat)	6.6
Ca (ppm)	2,437	Ca (% Sat)	70.5
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	64

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY: Venango **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.3		
P (ppm)	87		
K (ppm)	134	K (% Sat)	2.7
Mg (ppm)	160	Mg (% Sat)	4.5
Ca (ppm)	1,668	Ca (% Sat)	68.7
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	78

COUNTY: Warren **# of Samples** 4

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.6		
P (ppm)	136		
K (ppm)	289	K (% Sat)	4.5
Mg (ppm)	168	Mg (% Sat)	3.7
Ca (ppm)	2,541	Ca (% Sat)	52.4
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	8
K20 (LB/A)	2
MGO (LB/a)	87

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Washington	# of Samples	177
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.0		
P (ppm)	31		
K (ppm)	174	K (% Sat)	2.9
Mg (ppm)	222	Mg (% Sat)	6.9
Ca (ppm)	1,667	Ca (% Sat)	52.0
CEC	15.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	9
K20 (LB/A)	3
MGO (LB/a)	54

COUNTY:	Wayne	# of Samples	18
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	148		
K (ppm)	186	K (% Sat)	4.6
Mg (ppm)	138	Mg (% Sat)	5.6
Ca (ppm)	1,313	Ca (% Sat)	62.6
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	57

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY: **Westmoreland** # of Samples 209

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.0		
P (ppm)	51		
K (ppm)	160	K (% Sat)	3.0
Mg (ppm)	213	Mg (% Sat)	7.9
Ca (ppm)	1,870	Ca (% Sat)	63.4
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	40

COUNTY: **Wyoming** # of Samples 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	119		
K (ppm)	170	K (% Sat)	4.4
Mg (ppm)	129	Mg (% Sat)	7.1
Ca (ppm)	1,212	Ca (% Sat)	49.8
CEC	10.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	150

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	York	# of Samples	199
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	57		
K (ppm)	196	K (% Sat)	4.0
Mg (ppm)	226	Mg (% Sat)	7.4
Ca (ppm)	1,549	Ca (% Sat)	61.7
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K2O (LB/A)	2
MGO (LB/a)	34