

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Turf Samples**

of Samples 10,272

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	69		
K (ppm)	174	K (% Sat)	3.5
Mg (ppm)	223	Mg (% Sat)	14.6
Ca (ppm)	1,638	Ca (% Sat)	61.1
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K2O (LB/A)	2
MGO (LB/a)	40

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

COUNTY:	Adams	# of Samples	105
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.3		
P (ppm)	56		
K (ppm)	198	K (% Sat)	3.6
Mg (ppm)	280	Mg (% Sat)	2.7
Ca (ppm)	1,771	Ca (% Sat)	62.9
CEC	13.8		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Allegheny	# of Samples	457
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	65		
K (ppm)	155	K (% Sat)	2.6
Mg (ppm)	250	Mg (% Sat)	10.1
Ca (ppm)	2,212	Ca (% Sat)	65.3
CEC	15.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	28

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

COUNTY:	Armstrong	# of Samples	30
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	54		
K (ppm)	167	K (% Sat)	3.2
Mg (ppm)	203	Mg (% Sat)	5.4
Ca (ppm)	1,869	Ca (% Sat)	62.4
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	2
MGO (LB/a)	89

COUNTY:	Beaver	# of Samples	38
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.6		
P (ppm)	74		
K (ppm)	141	K (% Sat)	2.7
Mg (ppm)	198	Mg (% Sat)	5.9
Ca (ppm)	1,829	Ca (% Sat)	57.9
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	34

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

COUNTY:	Bedford	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	60		
K (ppm)	199	K (% Sat)	4.0
Mg (ppm)	193	Mg (% Sat)	8.3
Ca (ppm)	1,672	Ca (% Sat)	61.6
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	1
MGO (LB/a)	64

COUNTY:	Berks	# of Samples	272
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	83		
K (ppm)	185	K (% Sat)	3.5
Mg (ppm)	255	Mg (% Sat)	12.7
Ca (ppm)	1,794	Ca (% Sat)	62.8
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	31

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

COUNTY:	Blair	# of Samples	62
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	55		
K (ppm)	164	K (% Sat)	3.1
Mg (ppm)	218	Mg (% Sat)	4.1
Ca (ppm)	1,768	Ca (% Sat)	61.0
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	34

COUNTY:	Bradford	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	83		
K (ppm)	120	K (% Sat)	2.7
Mg (ppm)	142	Mg (% Sat)	12.4
Ca (ppm)	1,274	Ca (% Sat)	56.1
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	3
MGO (LB/a)	21

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

COUNTY:	Bucks	# of Samples	328
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.6		
P (ppm)	84		
K (ppm)	213	K (% Sat)	3.5
Mg (ppm)	249	Mg (% Sat)	10.2
Ca (ppm)	2,134	Ca (% Sat)	59.5
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	6
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	3
MGO (LB/a)	38

COUNTY:	Butler	# of Samples	98
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	47		
K (ppm)	128	K (% Sat)	2.6
Mg (ppm)	219	Mg (% Sat)	10.2
Ca (ppm)	1,571	Ca (% Sat)	57.6
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	31

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

COUNTY:	Cambria	# of Samples	35
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.0		
P (ppm)	49		
K (ppm)	131	K (% Sat)	2.4
Mg (ppm)	241	Mg (% Sat)	17.6
Ca (ppm)	1,660	Ca (% Sat)	55.7
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	19

COUNTY:	Carbon	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.4		
P (ppm)	63		
K (ppm)	108	K (% Sat)	2.2
Mg (ppm)	175	Mg (% Sat)	1.1
Ca (ppm)	1,543	Ca (% Sat)	56.7
CEC	12.5		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY:	Centre	# of Samples	232
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.9		
P (ppm)	57		
K (ppm)	141	K (% Sat)	2.9
Mg (ppm)	227	Mg (% Sat)	8.3
Ca (ppm)	1,829	Ca (% Sat)	72.9
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	3
MGO (LB/a)	37

COUNTY:	Chester	# of Samples	263
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	72		
K (ppm)	236	K (% Sat)	4.6
Mg (ppm)	250	Mg (% Sat)	9.2
Ca (ppm)	1,475	Ca (% Sat)	54.8
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	40

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

COUNTY:	Clarion	# of Samples	21
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	50		
K (ppm)	97	K (% Sat)	2.0
Mg (ppm)	165	Mg (% Sat)	11.6
Ca (ppm)	1,656	Ca (% Sat)	65.8
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	3
MGO (LB/a)	36

COUNTY:	Clearfield	# of Samples	47
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	45		
K (ppm)	167	K (% Sat)	3.0
Mg (ppm)	273	Mg (% Sat)	7.5
Ca (ppm)	1,853	Ca (% Sat)	62.0
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	23

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	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	49		
K (ppm)	169	K (% Sat)	3.5
Mg (ppm)	132	Mg (% Sat)	3.6
Ca (ppm)	1,772	Ca (% Sat)	71.0
CEC	12.4		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Columbia	# of Samples	24
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	62		
K (ppm)	106	K (% Sat)	2.5
Mg (ppm)	121	Mg (% Sat)	4.2
Ca (ppm)	1,261	Ca (% Sat)	55.8
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	3
MGO (LB/a)	75

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

COUNTY:	Crawford	# of Samples	22
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	40		
K (ppm)	120	K (% Sat)	2.3
Mg (ppm)	201	Mg (% Sat)	6.6
Ca (ppm)	1,963	Ca (% Sat)	67.7
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	3
MGO (LB/a)	38

COUNTY:	Cumberland	# of Samples	344
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	59		
K (ppm)	182	K (% Sat)	3.7
Mg (ppm)	197	Mg (% Sat)	6.1
Ca (ppm)	1,669	Ca (% Sat)	62.4
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	3
MGO (LB/a)	69

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

COUNTY:	Dauphin	# of Samples	356
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.5		
P (ppm)	75		
K (ppm)	193	K (% Sat)	3.6
Mg (ppm)	232	Mg (% Sat)	5.3
Ca (ppm)	1,759	Ca (% Sat)	63.0
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	39

COUNTY:	Delaware	# of Samples	523
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	67		
K (ppm)	188	K (% Sat)	3.9
Mg (ppm)	244	Mg (% Sat)	7.4
Ca (ppm)	1,369	Ca (% Sat)	54.3
CEC	12.4		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY:	Eik	# of Samples	18
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.5		
P (ppm)	15		
K (ppm)	95	K (% Sat)	1.9
Mg (ppm)	254	Mg (% Sat)	7.2
Ca (ppm)	1,637	Ca (% Sat)	60.4
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	21

COUNTY:	Erie	# of Samples	40
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.5		
P (ppm)	51		
K (ppm)	97	K (% Sat)	2.0
Mg (ppm)	200	Mg (% Sat)	7.3
Ca (ppm)	1,572	Ca (% Sat)	59.3
CEC	12.9		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY:	Fayette	# of Samples	42
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.4		
P (ppm)	38		
K (ppm)	132	K (% Sat)	2.4
Mg (ppm)	209	Mg (% Sat)	15.8
Ca (ppm)	1,792	Ca (% Sat)	59.5
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	3
MGO (LB/a)	29

COUNTY:	Franklin	# of Samples	143
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	61		
K (ppm)	192	K (% Sat)	3.9
Mg (ppm)	182	Mg (% Sat)	6.3
Ca (ppm)	2,109	Ca (% Sat)	66.0
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	91

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

COUNTY:	Fulton	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	42		
K (ppm)	141	K (% Sat)	3.3
Mg (ppm)	250	Mg (% Sat)	8.9
Ca (ppm)	1,418	Ca (% Sat)	62.5
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	1
MGO (LB/a)	10

COUNTY:	Greene	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.7		
P (ppm)	31		
K (ppm)	141	K (% Sat)	2.9
Mg (ppm)	236	Mg (% Sat)	13.9
Ca (ppm)	1,749	Ca (% Sat)	68.1
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	17

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

COUNTY:	Huntingdon	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	67		
K (ppm)	160	K (% Sat)	2.9
Mg (ppm)	246	Mg (% Sat)	10.7
Ca (ppm)	2,010	Ca (% Sat)	68.5
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	32

COUNTY:	Indiana	# of Samples	38
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	49		
K (ppm)	154	K (% Sat)	2.8
Mg (ppm)	217	Mg (% Sat)	7.0
Ca (ppm)	1,798	Ca (% Sat)	57.6
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	39

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

COUNTY:	Jefferson	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.3		
P (ppm)	48		
K (ppm)	166	K (% Sat)	3.0
Mg (ppm)	206	Mg (% Sat)	7.9
Ca (ppm)	1,588	Ca (% Sat)	52.2
CEC	14.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	51

COUNTY:	Juniata	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.5		
P (ppm)	55		
K (ppm)	198	K (% Sat)	4.0
Mg (ppm)	200	Mg (% Sat)	9.0
Ca (ppm)	2,049	Ca (% Sat)	74.1
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	2
MGO (LB/a)	34

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

COUNTY:	Lackawanna	# of Samples	68
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	84		
K (ppm)	107	K (% Sat)	2.4
Mg (ppm)	158	Mg (% Sat)	3.9
Ca (ppm)	1,335	Ca (% Sat)	56.3
CEC	11.8		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Lancaster	# of Samples	3,465
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	68		
K (ppm)	190	K (% Sat)	3.9
Mg (ppm)	223	Mg (% Sat)	8.3
Ca (ppm)	1,559	Ca (% Sat)	61.6
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	1
MGO (LB/a)	39

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

COUNTY:	Lawrence	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.6		
P (ppm)	56		
K (ppm)	144	K (% Sat)	3.0
Mg (ppm)	148	Mg (% Sat)	9.4
Ca (ppm)	1,414	Ca (% Sat)	58.7
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	8
K20 (LB/A)	3
MGO (LB/a)	85

COUNTY:	Lebanon	# of Samples	178
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	61		
K (ppm)	163	K (% Sat)	3.3
Mg (ppm)	223	Mg (% Sat)	7.6
Ca (ppm)	1,623	Ca (% Sat)	64.2
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	25

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

COUNTY:	Lehigh	# of Samples	319
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	70		
K (ppm)	159	K (% Sat)	3.2
Mg (ppm)	235	Mg (% Sat)	9.7
Ca (ppm)	1,769	Ca (% Sat)	64.9
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	32

COUNTY:	Luzerne	# of Samples	119
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	99		
K (ppm)	147	K (% Sat)	3.0
Mg (ppm)	182	Mg (% Sat)	4.4
Ca (ppm)	1,417	Ca (% Sat)	56.9
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	52

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

COUNTY:	Lycoming	# of Samples	44
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.0		
P (ppm)	114		
K (ppm)	153	K (% Sat)	2.9
Mg (ppm)	183	Mg (% Sat)	3.7
Ca (ppm)	1,676	Ca (% Sat)	61.8
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)	49

COUNTY:	McKean	# of Samples	8
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.5		
P (ppm)	40		
K (ppm)	126	K (% Sat)	2.4
Mg (ppm)	133	Mg (% Sat)	5.5
Ca (ppm)	1,879	Ca (% Sat)	65.6
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	23

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

COUNTY:	Mercer	# of Samples	28
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.5		
P (ppm)	27		
K (ppm)	115	K (% Sat)	2.2
Mg (ppm)	253	Mg (% Sat)	1.8
Ca (ppm)	1,581	Ca (% Sat)	55.9
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	3
MGO (LB/a)	40

COUNTY:	Mifflin	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.3		
P (ppm)	73		
K (ppm)	253	K (% Sat)	4.9
Mg (ppm)	190	Mg (% Sat)	8.7
Ca (ppm)	1,980	Ca (% Sat)	71.9
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)	93

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

COUNTY:	Monroe	# of Samples	24
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	75		
K (ppm)	116	K (% Sat)	2.4
Mg (ppm)	161	Mg (% Sat)	13.4
Ca (ppm)	1,553	Ca (% Sat)	58.9
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	3
MGO (LB/a)	35

COUNTY:	Montgomery	# of Samples	1,136
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	85		
K (ppm)	155	K (% Sat)	3.3
Mg (ppm)	225	Mg (% Sat)	12.7
Ca (ppm)	1,445	Ca (% Sat)	59.2
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	27

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

COUNTY:	Montour	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	60		
K (ppm)	152	K (% Sat)	3.6
Mg (ppm)	123	Mg (% Sat)	10.8
Ca (ppm)	1,255	Ca (% Sat)	57.6
CEC	10.8		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Northampton	# of Samples	135
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.0		
P (ppm)	66		
K (ppm)	166	K (% Sat)	3.4
Mg (ppm)	184	Mg (% Sat)	5.9
Ca (ppm)	1,592	Ca (% Sat)	59.9
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	50

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

COUNTY:	Northumberland	# of Samples	41
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	72		
K (ppm)	138	K (% Sat)	2.8
Mg (ppm)	152	Mg (% Sat)	5.9
Ca (ppm)	1,500	Ca (% Sat)	56.5
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	3
MGO (LB/a)	69

COUNTY:	Perry	# of Samples	41
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	57		
K (ppm)	163	K (% Sat)	3.6
Mg (ppm)	160	Mg (% Sat)	6.0
Ca (ppm)	1,273	Ca (% Sat)	52.9
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	69

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

COUNTY:	Philadelphia	# of Samples	80
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.5		
P (ppm)	134		
K (ppm)	168	K (% Sat)	3.3
Mg (ppm)	243	Mg (% Sat)	6.5
Ca (ppm)	1,863	Ca (% Sat)	61.2
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	57

COUNTY:	Pike	# of Samples	5
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.3		
P (ppm)	142		
K (ppm)	112	K (% Sat)	3.0
Mg (ppm)	130	Mg (% Sat)	6.9
Ca (ppm)	908	Ca (% Sat)	47.0
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	2
MGO (LB/a)	26

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

COUNTY: **Potter** # of Samples **4**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	6.4		
P (ppm)	55		
K (ppm)	88	K (% Sat)	1.8
Mg (ppm)	114	Mg (% Sat)	5.6
Ca (ppm)	1,058	Ca (% Sat)	47.0
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	3
MGO (LB/a)	35

COUNTY: **Schuylkill** # of Samples **33**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.8		
P (ppm)	76		
K (ppm)	172	K (% Sat)	3.1
Mg (ppm)	195	Mg (% Sat)	0.8
Ca (ppm)	1,368	Ca (% Sat)	52.3
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	3
MGO (LB/a)	37

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

COUNTY:	Snyder	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.6		
P (ppm)	51		
K (ppm)	176	K (% Sat)	3.7
Mg (ppm)	135	Mg (% Sat)	8.6
Ca (ppm)	1,863	Ca (% Sat)	73.9
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	96

COUNTY:	Somerset	# of Samples	24
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.3		
Acidity (meq/100 g)	1.4		
P (ppm)	28		
K (ppm)	114	K (% Sat)	2.1
Mg (ppm)	195	Mg (% Sat)	9.2
Ca (ppm)	2,753	Ca (% Sat)	75.9
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	7
K20 (LB/A)	3
MGO (LB/a)	13

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

COUNTY:	Susquehanna	# of Samples	34
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	37		
K (ppm)	69	K (% Sat)	1.6
Mg (ppm)	140	Mg (% Sat)	3.5
Ca (ppm)	1,115	Ca (% Sat)	50.9
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	7
K20 (LB/A)	4
MGO (LB/a)	83

COUNTY:	Tioga	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	50		
K (ppm)	118	K (% Sat)	2.6
Mg (ppm)	170	Mg (% Sat)	6.2
Ca (ppm)	1,550	Ca (% Sat)	60.8
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	3
MGO (LB/a)	27

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

COUNTY:	Union	# of Samples	35
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	54		
K (ppm)	132	K (% Sat)	2.8
Mg (ppm)	156	Mg (% Sat)	6.9
Ca (ppm)	1,832	Ca (% Sat)	70.1
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)	69

COUNTY:	Venango	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	7.0		
P (ppm)	22		
K (ppm)	105	K (% Sat)	2.2
Mg (ppm)	142	Mg (% Sat)	9.2
Ca (ppm)	821	Ca (% Sat)	32.2
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	8
K20 (LB/A)	3
MGO (LB/a)	35

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

COUNTY: **Warren** # of Samples **9**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	90		
K (ppm)	150	K (% Sat)	2.7
Mg (ppm)	213	Mg (% Sat)	7.9
Ca (ppm)	2,023	Ca (% Sat)	60.4
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	73

COUNTY: **Washington** # of Samples **78**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	83		
K (ppm)	172	K (% Sat)	2.7
Mg (ppm)	259	Mg (% Sat)	5.6
Ca (ppm)	2,467	Ca (% Sat)	65.5
CEC	16.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	27

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

COUNTY:	Wayne	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.8		
P (ppm)	100		
K (ppm)	159	K (% Sat)	4.1
Mg (ppm)	96	Mg (% Sat)	3.5
Ca (ppm)	902	Ca (% Sat)	45.7
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	3
MGO (LB/a)	109

COUNTY:	Westmoreland	# of Samples	136
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	43		
K (ppm)	148	K (% Sat)	2.6
Mg (ppm)	232	Mg (% Sat)	4.9
Ca (ppm)	1,897	Ca (% Sat)	61.9
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	29

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

COUNTY:	Wyoming	# of Samples	18
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.9		
P (ppm)	72		
K (ppm)	86	K (% Sat)	2.1
Mg (ppm)	135	Mg (% Sat)	4.1
Ca (ppm)	908	Ca (% Sat)	40.1
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	76

COUNTY:	York	# of Samples	478
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	49		
K (ppm)	156	K (% Sat)	3.3
Mg (ppm)	208	Mg (% Sat)	4.4
Ca (ppm)	1,499	Ca (% Sat)	60.7
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)	28