

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Turf Samples

of Samples 7,445

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	82		
K (ppm)	162	K (% Sat)	3.2
Mg (ppm)	227	Mg (% Sat)	14.7
Ca (ppm)	1,681	Ca (% Sat)	59.6
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)	34

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

COUNTY:	Adams	# of Samples	65
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	72		
K (ppm)	158	K (% Sat)	2.9
Mg (ppm)	321	Mg (% Sat)	3.3
Ca (ppm)	1,954	Ca (% Sat)	65.2
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)	36

COUNTY:	Allegheny	# of Samples	466
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	88		
K (ppm)	157	K (% Sat)	2.5
Mg (ppm)	255	Mg (% Sat)	13.3
Ca (ppm)	2,301	Ca (% Sat)	64.3
CEC	15.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	30

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SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Armstrong	# of Samples	71
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.1		
P (ppm)	117		
K (ppm)	161	K (% Sat)	3.3
Mg (ppm)	239	Mg (% Sat)	10.4
Ca (ppm)	2,080	Ca (% Sat)	71.6
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	1
K20 (LB/A)	1
MGO (LB/a)	15

COUNTY:	Beaver	# of Samples	40
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.5		
P (ppm)	66		
K (ppm)	120	K (% Sat)	2.4
Mg (ppm)	177	Mg (% Sat)	14.2
Ca (ppm)	1,412	Ca (% Sat)	49.9
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)	43

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SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Bedford	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	61		
K (ppm)	152	K (% Sat)	3.0
Mg (ppm)	182	Mg (% Sat)	6.6
Ca (ppm)	2,027	Ca (% Sat)	70.0
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	47

COUNTY:	Berks	# of Samples	361
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	87		
K (ppm)	202	K (% Sat)	3.5
Mg (ppm)	252	Mg (% Sat)	12.2
Ca (ppm)	1,716	Ca (% Sat)	59.8
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	24

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SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Blair	# of Samples	69
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	85		
K (ppm)	180	K (% Sat)	3.4
Mg (ppm)	241	Mg (% Sat)	7.5
Ca (ppm)	2,005	Ca (% Sat)	68.3
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)	36

COUNTY:	Bradford	# of Samples	24
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.3		
P (ppm)	137		
K (ppm)	120	K (% Sat)	2.8
Mg (ppm)	132	Mg (% Sat)	7.1
Ca (ppm)	1,739	Ca (% Sat)	65.6
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	3
MGO (LB/a)	37

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

COUNTY:	Bucks	# of Samples	350
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	81		
K (ppm)	142	K (% Sat)	3.1
Mg (ppm)	229	Mg (% Sat)	7.6
Ca (ppm)	1,314	Ca (% Sat)	55.0
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	27

COUNTY:	Butler	# of Samples	99
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	93		
K (ppm)	191	K (% Sat)	3.1
Mg (ppm)	192	Mg (% Sat)	14.8
Ca (ppm)	1,769	Ca (% Sat)	61.7
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	26

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

COUNTY:	Cambria	# of Samples	39
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	47		
K (ppm)	136	K (% Sat)	2.5
Mg (ppm)	244	Mg (% Sat)	15.5
Ca (ppm)	1,909	Ca (% Sat)	64.8
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)	7

COUNTY:	Cameron	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	0.0		
P (ppm)	266		
K (ppm)	230	K (% Sat)	6.1
Mg (ppm)	239	Mg (% Sat)	20.5
Ca (ppm)	1,422	Ca (% Sat)	73.4
CEC	9.7		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY: Carbon **# of Samples** 29

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	108		
K (ppm)	118	K (% Sat)	2.5
Mg (ppm)	201	Mg (% Sat)	6.3
Ca (ppm)	1,473	Ca (% Sat)	54.2
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	63

COUNTY: Centre **# of Samples** 403

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	86		
K (ppm)	158	K (% Sat)	3.3
Mg (ppm)	216	Mg (% Sat)	2.8
Ca (ppm)	1,679	Ca (% Sat)	65.0
CEC	11.9		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY:	Chester	# of Samples	350
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	62		
K (ppm)	172	K (% Sat)	3.7
Mg (ppm)	233	Mg (% Sat)	5.5
Ca (ppm)	1,341	Ca (% Sat)	54.0
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	32

COUNTY:	Clarion	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	54		
K (ppm)	152	K (% Sat)	3.1
Mg (ppm)	206	Mg (% Sat)	3.7
Ca (ppm)	1,422	Ca (% Sat)	56.2
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	20

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Turf Samples

COUNTY: Clearfield **# of Samples** 57

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	51		
K (ppm)	134	K (% Sat)	2.6
Mg (ppm)	208	Mg (% Sat)	9.7
Ca (ppm)	1,479	Ca (% Sat)	54.2
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	50

COUNTY: Clinton **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.8		
P (ppm)	64		
K (ppm)	199	K (% Sat)	3.1
Mg (ppm)	315	Mg (% Sat)	5.5
Ca (ppm)	2,763	Ca (% Sat)	76.4
CEC	15.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	80

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

COUNTY:	Columbia	# of Samples	28
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.0		
P (ppm)	63		
K (ppm)	142	K (% Sat)	3.4
Mg (ppm)	141	Mg (% Sat)	4.7
Ca (ppm)	1,336	Ca (% Sat)	56.4
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	61

COUNTY:	Crawford	# of Samples	53
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	48		
K (ppm)	119	K (% Sat)	2.3
Mg (ppm)	221	Mg (% Sat)	12.0
Ca (ppm)	2,061	Ca (% Sat)	64.8
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	19

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

COUNTY:	Cumberland	# of Samples	201
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	81		
K (ppm)	173	K (% Sat)	3.2
Mg (ppm)	198	Mg (% Sat)	8.9
Ca (ppm)	1,741	Ca (% Sat)	59.1
CEC	13.5		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Dauphin	# of Samples	306
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	88		
K (ppm)	163	K (% Sat)	3.2
Mg (ppm)	216	Mg (% Sat)	10.4
Ca (ppm)	1,754	Ca (% Sat)	62.3
CEC	13.2		

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
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COUNTY:	Delaware	# of Samples	406
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.8		
P (ppm)	102		
K (ppm)	187	K (% Sat)	3.6
Mg (ppm)	273	Mg (% Sat)	9.8
Ca (ppm)	1,522	Ca (% Sat)	56.2
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)	33

COUNTY:	Eik	# of Samples	25
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	33		
K (ppm)	111	K (% Sat)	2.0
Mg (ppm)	267	Mg (% Sat)	11.8
Ca (ppm)	2,001	Ca (% Sat)	66.3
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	13

SUMMARY REPORT
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Turf Samples

COUNTY: Erie **# of Samples** 61

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	77		
K (ppm)	127	K (% Sat)	2.5
Mg (ppm)	220	Mg (% Sat)	7.2
Ca (ppm)	1,609	Ca (% Sat)	56.9
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)	25

COUNTY: Fayette **# of Samples** 48

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	31		
K (ppm)	117	K (% Sat)	2.2
Mg (ppm)	197	Mg (% Sat)	5.0
Ca (ppm)	1,855	Ca (% Sat)	58.4
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	33

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

COUNTY: Forest **# of Samples** 1

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	11		
K (ppm)	102	K (% Sat)	2.6
Mg (ppm)	157	Mg (% Sat)	13.0
Ca (ppm)	1,015	Ca (% Sat)	50.5
CEC	10.0		

SOIL TEST RECOMMENDATIONS

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

COUNTY: Franklin **# of Samples** 247

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	75		
K (ppm)	221	K (% Sat)	4.0
Mg (ppm)	215	Mg (% Sat)	26.9
Ca (ppm)	1,936	Ca (% Sat)	63.2
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)	56

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

COUNTY:	Fulton	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	54		
K (ppm)	144	K (% Sat)	2.9
Mg (ppm)	212	Mg (% Sat)	3.6
Ca (ppm)	1,609	Ca (% Sat)	62.4
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	22

COUNTY:	Greene	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	22		
K (ppm)	131	K (% Sat)	2.0
Mg (ppm)	355	Mg (% Sat)	12.0
Ca (ppm)	2,253	Ca (% Sat)	68.3
CEC	16.9		

SOIL TEST RECOMMENDATIONS

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

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COUNTY:	Huntingdon	# of Samples	21
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	41		
K (ppm)	163	K (% Sat)	3.0
Mg (ppm)	209	Mg (% Sat)	4.3
Ca (ppm)	1,986	Ca (% Sat)	65.1
CEC	14.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	2
MGO (LB/a)	44

COUNTY:	Indiana	# of Samples	52
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	89		
K (ppm)	193	K (% Sat)	3.4
Mg (ppm)	232	Mg (% Sat)	5.9
Ca (ppm)	1,920	Ca (% Sat)	60.7
CEC	14.9		

SOIL TEST RECOMMENDATIONS

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

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COUNTY: **Jefferson** # of Samples 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	65		
K (ppm)	121	K (% Sat)	2.4
Mg (ppm)	239	Mg (% Sat)	10.3
Ca (ppm)	1,685	Ca (% Sat)	63.1
CEC	13.3		

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: **Juniata** # of Samples 17

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	89		
K (ppm)	209	K (% Sat)	3.6
Mg (ppm)	167	Mg (% Sat)	16.9
Ca (ppm)	2,070	Ca (% Sat)	62.9
CEC	13.7		

SOIL TEST RECOMMENDATIONS

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

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COUNTY:	Lackawanna	# of Samples			
SOIL TEST RESULTS					
RESULT	AVERAGE	RESULT	AVERAGE		
pH	6.2				
Acidity (meq/100 g)	3.3				
P (ppm)	77				
K (ppm)	95	K (% Sat)	2.3		
Mg (ppm)	174	Mg (% Sat)	8.5		
Ca (ppm)	1,423	Ca (% Sat)	55.3		
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)	44				

COUNTY:	Lancaster	# of Samples			
SOIL TEST RESULTS					
RESULT	AVERAGE	RESULT	AVERAGE		
pH	6.3				
Acidity (meq/100 g)	2.9				
P (ppm)	87				
K (ppm)	166	K (% Sat)	3.4		
Mg (ppm)	233	Mg (% Sat)	13.7		
Ca (ppm)	1,523	Ca (% Sat)	58.0		
CEC	12.8				
SOIL TEST RECOMMENDATIONS					
RECOMMENDATION	AVERAGE				
LIME (lb/A)	0				
N (lb/A)					
P2O5 (LB/A)	3				
K20 (LB/A)	2				
MGO (LB/a)	30				

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

COUNTY:	Lawrence	# of Samples	27
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.5		
P (ppm)	93		
K (ppm)	170	K (% Sat)	2.9
Mg (ppm)	185	Mg (% Sat)	5.4
Ca (ppm)	2,341	Ca (% Sat)	75.4
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	3
MGO (LB/a)	47

COUNTY:	Lebanon	# of Samples	98
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.3		
P (ppm)	87		
K (ppm)	175	K (% Sat)	3.4
Mg (ppm)	247	Mg (% Sat)	12.7
Ca (ppm)	1,720	Ca (% Sat)	62.4
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	42

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

COUNTY:	Lehigh	# of Samples	302
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	81		
K (ppm)	174	K (% Sat)	3.3
Mg (ppm)	240	Mg (% Sat)	9.6
Ca (ppm)	1,780	Ca (% Sat)	59.3
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)	32

COUNTY:	Luzerne	# of Samples	163
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.1		
P (ppm)	91		
K (ppm)	103	K (% Sat)	2.3
Mg (ppm)	160	Mg (% Sat)	10.0
Ca (ppm)	1,257	Ca (% Sat)	54.0
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	4
MGO (LB/a)	44

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

COUNTY:	Lycoming	# of Samples	47
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	65		
K (ppm)	122	K (% Sat)	2.7
Mg (ppm)	168	Mg (% Sat)	17.7
Ca (ppm)	1,591	Ca (% Sat)	63.7
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)	27

COUNTY:	McKean	# of Samples	5
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	67		
K (ppm)	128	K (% Sat)	2.3
Mg (ppm)	269	Mg (% Sat)	15.1
Ca (ppm)	1,650	Ca (% Sat)	58.2
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)	0

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

COUNTY: Mercer **# of Samples** 28

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	63		
K (ppm)	117	K (% Sat)	2.6
Mg (ppm)	155	Mg (% Sat)	6.5
Ca (ppm)	1,348	Ca (% Sat)	51.2
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)	46

COUNTY: Mifflin **# of Samples** 23

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	99		
K (ppm)	181	K (% Sat)	3.7
Mg (ppm)	190	Mg (% Sat)	11.0
Ca (ppm)	1,582	Ca (% Sat)	55.2
CEC	12.9		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY:	Monroe	# of Samples	58
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	88		
K (ppm)	85	K (% Sat)	2.0
Mg (ppm)	137	Mg (% Sat)	5.4
Ca (ppm)	1,381	Ca (% Sat)	54.9
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	3
MGO (LB/a)	75

COUNTY:	Montgomery	# of Samples	683
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	96		
K (ppm)	159	K (% Sat)	3.1
Mg (ppm)	238	Mg (% Sat)	11.5
Ca (ppm)	1,514	Ca (% Sat)	56.7
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	22

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

COUNTY:	Montour	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.9		
P (ppm)	56		
K (ppm)	139	K (% Sat)	2.8
Mg (ppm)	155	Mg (% Sat)	17.4
Ca (ppm)	1,665	Ca (% Sat)	62.4
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	1
MGO (LB/a)	16

COUNTY:	Northampton	# of Samples	143
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	66		
K (ppm)	156	K (% Sat)	3.1
Mg (ppm)	197	Mg (% Sat)	10.1
Ca (ppm)	1,876	Ca (% Sat)	59.5
CEC	12.8		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY:	Northumberland	# of Samples	55
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.7		
P (ppm)	112		
K (ppm)	194	K (% Sat)	4.5
Mg (ppm)	163	Mg (% Sat)	11.4
Ca (ppm)	1,473	Ca (% Sat)	60.3
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)	91

COUNTY:	Perry	# of Samples	22
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	101		
K (ppm)	272	K (% Sat)	4.4
Mg (ppm)	190	Mg (% Sat)	3.7
Ca (ppm)	2,041	Ca (% Sat)	65.8
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	44

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

COUNTY:	Philadelphia	# of Samples	43
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	172		
K (ppm)	143	K (% Sat)	2.9
Mg (ppm)	224	Mg (% Sat)	8.5
Ca (ppm)	1,590	Ca (% Sat)	54.8
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	3
MGO (LB/a)	34

COUNTY:	Pike	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.2		
P (ppm)	154		
K (ppm)	87	K (% Sat)	2.4
Mg (ppm)	116	Mg (% Sat)	10.1
Ca (ppm)	1,048	Ca (% Sat)	59.2
CEC	8.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	0
K20 (LB/A)	4
MGO (LB/a)	79

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

COUNTY:	Schuylkill	# of Samples	47
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.6		
P (ppm)	83		
K (ppm)	140	K (% Sat)	2.9
Mg (ppm)	223	Mg (% Sat)	11.8
Ca (ppm)	1,377	Ca (% Sat)	52.5
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	37

COUNTY:	Snyder	# of Samples	19
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	67		
K (ppm)	146	K (% Sat)	3.2
Mg (ppm)	143	Mg (% Sat)	8.3
Ca (ppm)	1,319	Ca (% Sat)	57.7
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	90

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

COUNTY:	Somerset	# of Samples	27
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.7		
P (ppm)	83		
K (ppm)	169	K (% Sat)	2.8
Mg (ppm)	172	Mg (% Sat)	11.8
Ca (ppm)	1,947	Ca (% Sat)	56.3
CEC	15.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	8
K20 (LB/A)	3
MGO (LB/a)	95

COUNTY:	Susquehanna	# of Samples	18
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	76		
K (ppm)	156	K (% Sat)	3.2
Mg (ppm)	208	Mg (% Sat)	6.5
Ca (ppm)	1,400	Ca (% Sat)	56.1
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)	64

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

COUNTY:	Tioga	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	57		
K (ppm)	154	K (% Sat)	3.1
Mg (ppm)	187	Mg (% Sat)	11.1
Ca (ppm)	1,613	Ca (% Sat)	66.3
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	8
K20 (LB/A)	3
MGO (LB/a)	41

COUNTY:	Union	# of Samples	49
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.1		
P (ppm)	101		
K (ppm)	185	K (% Sat)	3.5
Mg (ppm)	204	Mg (% Sat)	14.8
Ca (ppm)	2,073	Ca (% Sat)	74.3
CEC	13.2		

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: Venango **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.1		
P (ppm)	21		
K (ppm)	124	K (% Sat)	2.9
Mg (ppm)	127	Mg (% Sat)	9.9
Ca (ppm)	1,100	Ca (% Sat)	50.0
CEC	11.0		

SOIL TEST RECOMMENDATIONS

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

COUNTY: Warren **# of Samples** 4

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	5.6		
P (ppm)	105		
K (ppm)	115	K (% Sat)	2.5
Mg (ppm)	157	Mg (% Sat)	1.6
Ca (ppm)	750	Ca (% Sat)	30.3
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	3
MGO (LB/a)	127

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

COUNTY:	Washington	# of Samples	64
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	61		
K (ppm)	163	K (% Sat)	2.6
Mg (ppm)	231	Mg (% Sat)	10.8
Ca (ppm)	2,372	Ca (% Sat)	62.8
CEC	16.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	35

COUNTY:	Wayne	# of Samples	7
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.3		
P (ppm)	56		
K (ppm)	95	K (% Sat)	2.3
Mg (ppm)	126	Mg (% Sat)	6.4
Ca (ppm)	1,457	Ca (% Sat)	48.1
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	3
MGO (LB/a)	62

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

COUNTY:	Westmoreland	# of Samples	254
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	51		
K (ppm)	156	K (% Sat)	2.7
Mg (ppm)	238	Mg (% Sat)	8.6
Ca (ppm)	2,127	Ca (% Sat)	62.7
CEC	15.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	24

COUNTY:	Wyoming	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	110		
K (ppm)	97	K (% Sat)	2.4
Mg (ppm)	107	Mg (% Sat)	5.2
Ca (ppm)	1,057	Ca (% Sat)	52.6
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	10
K20 (LB/A)	3
MGO (LB/a)	116

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

COUNTY:	York	# of Samples	325
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	57		
K (ppm)	153	K (% Sat)	3.2
Mg (ppm)	238	Mg (% Sat)	7.5
Ca (ppm)	1,562	Ca (% Sat)	60.9
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)	19