

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Turf Samples

of Samples 6,978

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	84		
K (ppm)	158	K (% Sat)	3.2
Mg (ppm)	222	Mg (% Sat)	14.7
Ca (ppm)	1,591	Ca (% Sat)	58.0
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K2O (LB/A)	2
MGO (LB/a)	32

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

COUNTY: Adams **# of Samples** 65

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	69		
K (ppm)	156	K (% Sat)	3.1
Mg (ppm)	253	Mg (% Sat)	11.1
Ca (ppm)	1,666	Ca (% Sat)	60.4
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)	35

COUNTY: Allegheny **# of Samples** 352

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	96		
K (ppm)	150	K (% Sat)	2.5
Mg (ppm)	256	Mg (% Sat)	11.3
Ca (ppm)	2,293	Ca (% Sat)	63.4
CEC	15.6		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY: Armstrong **# of Samples** 81

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	89		
K (ppm)	180	K (% Sat)	3.7
Mg (ppm)	177	Mg (% Sat)	11.6
Ca (ppm)	1,806	Ca (% Sat)	70.1
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)	47

COUNTY: Beaver **# of Samples** 51

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.2		
P (ppm)	71		
K (ppm)	166	K (% Sat)	3.2
Mg (ppm)	175	Mg (% Sat)	9.1
Ca (ppm)	1,453	Ca (% Sat)	52.9
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)	63

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

COUNTY: Bedford **# of Samples** 17

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	56		
K (ppm)	161	K (% Sat)	3.4
Mg (ppm)	178	Mg (% Sat)	4.2
Ca (ppm)	1,638	Ca (% Sat)	63.0
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	46

COUNTY: Berks **# of Samples** 288

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	90		
K (ppm)	166	K (% Sat)	3.3
Mg (ppm)	243	Mg (% Sat)	4.1
Ca (ppm)	1,579	Ca (% Sat)	57.2
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)	18

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

COUNTY: Blair **# of Samples** 119

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	74		
K (ppm)	163	K (% Sat)	3.1
Mg (ppm)	236	Mg (% Sat)	12.7
Ca (ppm)	1,809	Ca (% Sat)	65.7
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)	26

COUNTY: Bradford **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	100		
K (ppm)	117	K (% Sat)	2.4
Mg (ppm)	242	Mg (% Sat)	21.5
Ca (ppm)	1,513	Ca (% Sat)	61.4
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	3
MGO (LB/a)	26

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

COUNTY:	Bucks	# of Samples	352
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	90		
K (ppm)	143	K (% Sat)	3.0
Mg (ppm)	229	Mg (% Sat)	9.5
Ca (ppm)	1,417	Ca (% Sat)	51.2
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)	24

COUNTY:	Butler	# of Samples	71
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	83		
K (ppm)	215	K (% Sat)	3.4
Mg (ppm)	187	Mg (% Sat)	8.0
Ca (ppm)	1,943	Ca (% Sat)	59.0
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	51

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

COUNTY:	Cambria	# of Samples	44
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.5		
P (ppm)	69		
K (ppm)	144	K (% Sat)	2.6
Mg (ppm)	207	Mg (% Sat)	7.6
Ca (ppm)	1,863	Ca (% Sat)	54.8
CEC	14.5		

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:	Cameron	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	6.6		
P (ppm)	10		
K (ppm)	72	K (% Sat)	1.6
Mg (ppm)	141	Mg (% Sat)	5.3
Ca (ppm)	778	Ca (% Sat)	32.1
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	4
MGO (LB/a)	55

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

COUNTY: Carbon **# of Samples** 34

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.4		
P (ppm)	119		
K (ppm)	91	K (% Sat)	1.9
Mg (ppm)	143	Mg (% Sat)	2.8
Ca (ppm)	1,273	Ca (% Sat)	49.6
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)	49

COUNTY: Centre **# of Samples** 229

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	74		
K (ppm)	126	K (% Sat)	3.0
Mg (ppm)	179	Mg (% Sat)	6.4
Ca (ppm)	1,586	Ca (% Sat)	66.7
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	44

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

COUNTY:	Chester	# of Samples	301
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	69		
K (ppm)	175	K (% Sat)	3.7
Mg (ppm)	242	Mg (% Sat)	15.2
Ca (ppm)	1,339	Ca (% Sat)	53.7
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K2O (LB/A)	2
MGO (LB/a)	33

COUNTY:	Clarion	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	5.8		
P (ppm)	36		
K (ppm)	140	K (% Sat)	2.8
Mg (ppm)	158	Mg (% Sat)	7.6
Ca (ppm)	1,265	Ca (% Sat)	46.5
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K2O (LB/A)	2
MGO (LB/a)	58

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

COUNTY:	Clearfield	# of Samples	99
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	49		
K (ppm)	115	K (% Sat)	2.6
Mg (ppm)	207	Mg (% Sat)	5.7
Ca (ppm)	1,283	Ca (% Sat)	54.3
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	3
MGO (LB/a)	22

COUNTY:	Clinton	# of Samples	5
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.0		
P (ppm)	54		
K (ppm)	115	K (% Sat)	2.6
Mg (ppm)	141	Mg (% Sat)	10.6
Ca (ppm)	955	Ca (% Sat)	42.2
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	7
K20 (LB/A)	3
MGO (LB/a)	55

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

COUNTY: Columbia **# of Samples** 33

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	100		
K (ppm)	128	K (% Sat)	2.7
Mg (ppm)	174	Mg (% Sat)	9.8
Ca (ppm)	1,631	Ca (% Sat)	59.3
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	2
MGO (LB/a)	28

COUNTY: Crawford **# of Samples** 31

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	64		
K (ppm)	108	K (% Sat)	2.2
Mg (ppm)	195	Mg (% Sat)	7.2
Ca (ppm)	1,831	Ca (% Sat)	67.2
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	18

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

COUNTY: Cumberland **# of Samples** 280

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	88		
K (ppm)	203	K (% Sat)	3.7
Mg (ppm)	232	Mg (% Sat)	7.5
Ca (ppm)	1,753	Ca (% Sat)	62.5
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)	38

COUNTY: Dauphin **# of Samples** 294

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	101		
K (ppm)	204	K (% Sat)	3.8
Mg (ppm)	225	Mg (% Sat)	7.5
Ca (ppm)	1,801	Ca (% Sat)	62.5
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)	45

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

COUNTY: Delaware **# of Samples** 346

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.1		
P (ppm)	98		
K (ppm)	162	K (% Sat)	3.3
Mg (ppm)	265	Mg (% Sat)	9.8
Ca (ppm)	1,390	Ca (% Sat)	53.9
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)	25

COUNTY: Elk **# of Samples** 28

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	7.2		
P (ppm)	24		
K (ppm)	91	K (% Sat)	1.8
Mg (ppm)	151	Mg (% Sat)	8.3
Ca (ppm)	865	Ca (% Sat)	30.1
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	10
K20 (LB/A)	4
MGO (LB/a)	120

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

COUNTY: **ERIE** **# of Samples** **88**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	66		
K (ppm)	113	K (% Sat)	2.3
Mg (ppm)	214	Mg (% Sat)	9.6
Ca (ppm)	1,497	Ca (% Sat)	56.3
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)	16

COUNTY: **Fayette** **# of Samples** **52**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.5		
P (ppm)	44		
K (ppm)	119	K (% Sat)	2.2
Mg (ppm)	182	Mg (% Sat)	5.2
Ca (ppm)	1,840	Ca (% Sat)	55.0
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)	22

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

COUNTY:	Forest	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.8		
Acidity (meq/100 g)	5.7		
P (ppm)	20		
K (ppm)	48	K (% Sat)	1.6
Mg (ppm)	32	Mg (% Sat)	3.5
Ca (ppm)	304	Ca (% Sat)	20.0
CEC	7.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	4
MGO (LB/a)	190

COUNTY:	Franklin	# of Samples	284
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	91		
K (ppm)	220	K (% Sat)	4.0
Mg (ppm)	212	Mg (% Sat)	9.7
Ca (ppm)	1,768	Ca (% Sat)	62.8
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	48

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

COUNTY: Fulton **# of Samples** 18

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.3		
P (ppm)	68		
K (ppm)	127	K (% Sat)	3.7
Mg (ppm)	191	Mg (% Sat)	10.5
Ca (ppm)	1,070	Ca (% Sat)	55.9
CEC	9.6		

SOIL TEST RECOMMENDATIONS

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

COUNTY: Greene **# of Samples** 5

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	65		
K (ppm)	115	K (% Sat)	2.0
Mg (ppm)	269	Mg (% Sat)	7.9
Ca (ppm)	1,881	Ca (% Sat)	59.7
CEC	14.8		

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:	Huntingdon	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.6		
P (ppm)	91		
K (ppm)	134	K (% Sat)	2.8
Mg (ppm)	230	Mg (% Sat)	7.6
Ca (ppm)	1,819	Ca (% Sat)	66.6
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	13

COUNTY:	Indiana	# of Samples	50
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	64		
K (ppm)	138	K (% Sat)	2.6
Mg (ppm)	256	Mg (% Sat)	18.0
Ca (ppm)	2,460	Ca (% Sat)	54.9
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)	24

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

COUNTY: Jefferson **# of Samples** 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	6.1		
P (ppm)	72		
K (ppm)	102	K (% Sat)	2.0
Mg (ppm)	153	Mg (% Sat)	3.7
Ca (ppm)	1,125	Ca (% Sat)	42.9
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	39

COUNTY: Juniata **# of Samples** 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.9		
P (ppm)	54		
K (ppm)	175	K (% Sat)	3.8
Mg (ppm)	188	Mg (% Sat)	9.2
Ca (ppm)	1,674	Ca (% Sat)	65.2
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	1
MGO (LB/a)	28

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

COUNTY: Lackawanna **# of Samples** 97

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.6		
P (ppm)	78		
K (ppm)	96	K (% Sat)	2.3
Mg (ppm)	150	Mg (% Sat)	5.9
Ca (ppm)	1,173	Ca (% Sat)	52.5
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K2O (LB/A)	3
MGO (LB/a)	36

COUNTY: Lancaster **# of Samples** 902

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	83		
K (ppm)	158	K (% Sat)	3.3
Mg (ppm)	221	Mg (% Sat)	10.8
Ca (ppm)	1,434	Ca (% Sat)	57.1
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K2O (LB/A)	2
MGO (LB/a)	25

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

COUNTY:	Lawrence	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	69		
K (ppm)	146	K (% Sat)	2.9
Mg (ppm)	150	Mg (% Sat)	7.3
Ca (ppm)	1,725	Ca (% Sat)	61.3
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	18

COUNTY:	Lebanon	# of Samples	121
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	75		
K (ppm)	175	K (% Sat)	3.4
Mg (ppm)	219	Mg (% Sat)	8.9
Ca (ppm)	1,580	Ca (% Sat)	57.6
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)	37

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

COUNTY:	Lehigh	# of Samples	221
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	95		
K (ppm)	165	K (% Sat)	3.3
Mg (ppm)	236	Mg (% Sat)	14.1
Ca (ppm)	1,754	Ca (% Sat)	59.4
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)	31

COUNTY:	Luzerne	# of Samples	150
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	113		
K (ppm)	121	K (% Sat)	2.8
Mg (ppm)	171	Mg (% Sat)	10.0
Ca (ppm)	1,229	Ca (% Sat)	53.6
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	3
MGO (LB/a)	37

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

COUNTY:	Lycoming	# of Samples	35
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	93		
K (ppm)	138	K (% Sat)	3.1
Mg (ppm)	188	Mg (% Sat)	5.0
Ca (ppm)	1,492	Ca (% Sat)	59.9
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	62

COUNTY:	McKean	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	5.3		
P (ppm)	35		
K (ppm)	89	K (% Sat)	1.9
Mg (ppm)	127	Mg (% Sat)	6.1
Ca (ppm)	920	Ca (% Sat)	39.5
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	9
K20 (LB/A)	4
MGO (LB/a)	70

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

COUNTY: Mercer **# of Samples** 45

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.1		
P (ppm)	33		
K (ppm)	102	K (% Sat)	2.0
Mg (ppm)	210	Mg (% Sat)	16.7
Ca (ppm)	1,251	Ca (% Sat)	46.8
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	8
K20 (LB/A)	3
MGO (LB/a)	5

COUNTY: Mifflin **# of Samples** 19

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.4		
P (ppm)	69		
K (ppm)	200	K (% Sat)	3.9
Mg (ppm)	195	Mg (% Sat)	6.3
Ca (ppm)	2,190	Ca (% Sat)	73.7
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)	40

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

COUNTY: Monroe **# of Samples** 38

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	98		
K (ppm)	112	K (% Sat)	2.7
Mg (ppm)	157	Mg (% Sat)	6.7
Ca (ppm)	1,635	Ca (% Sat)	61.5
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K2O (LB/A)	2
MGO (LB/a)	54

COUNTY: Montgomery **# of Samples** 691

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	95		
K (ppm)	149	K (% Sat)	3.1
Mg (ppm)	244	Mg (% Sat)	11.7
Ca (ppm)	1,352	Ca (% Sat)	54.8
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K2O (LB/A)	2
MGO (LB/a)	15

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

COUNTY: Montour **# of Samples** 19

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	96		
K (ppm)	167	K (% Sat)	3.5
Mg (ppm)	138	Mg (% Sat)	7.9
Ca (ppm)	1,482	Ca (% Sat)	59.2
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	1
MGO (LB/a)	57

COUNTY: Northampton **# of Samples** 122

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	61		
K (ppm)	159	K (% Sat)	3.2
Mg (ppm)	181	Mg (% Sat)	6.5
Ca (ppm)	1,915	Ca (% Sat)	58.9
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)	41

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

COUNTY: Northumberland **# of Samples** 60

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.1		
P (ppm)	102		
K (ppm)	202	K (% Sat)	5.0
Mg (ppm)	164	Mg (% Sat)	10.0
Ca (ppm)	1,298	Ca (% Sat)	56.2
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)	89

COUNTY: Perry **# of Samples** 19

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	76		
K (ppm)	152	K (% Sat)	3.2
Mg (ppm)	150	Mg (% Sat)	10.1
Ca (ppm)	1,528	Ca (% Sat)	58.2
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)	47

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

COUNTY: Philadelphia **# of Samples** 49

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	157		
K (ppm)	182	K (% Sat)	3.3
Mg (ppm)	307	Mg (% Sat)	12.1
Ca (ppm)	2,235	Ca (% Sat)	56.7
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K2O (LB/A)	2
MGO (LB/a)	41

COUNTY: Pike **# of Samples** 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.2		
P (ppm)	149		
K (ppm)	107	K (% Sat)	2.9
Mg (ppm)	145	Mg (% Sat)	8.9
Ca (ppm)	1,153	Ca (% Sat)	59.0
CEC	9.5		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY:	Schuylkill	# of Samples	31
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.7		
P (ppm)	116		
K (ppm)	127	K (% Sat)	2.7
Mg (ppm)	176	Mg (% Sat)	5.5
Ca (ppm)	1,173	Ca (% Sat)	45.3
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)	48

COUNTY:	Snyder	# of Samples	8
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	83		
K (ppm)	132	K (% Sat)	2.7
Mg (ppm)	120	Mg (% Sat)	6.0
Ca (ppm)	1,804	Ca (% Sat)	63.4
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	1
K20 (LB/A)	2
MGO (LB/a)	35

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

COUNTY:	Somerset	# of Samples	25
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	31		
K (ppm)	135	K (% Sat)	2.4
Mg (ppm)	183	Mg (% Sat)	5.5
Ca (ppm)	1,974	Ca (% Sat)	61.9
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	2
MGO (LB/a)	26

COUNTY:	Sullivan	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.0		
P (ppm)	66		
K (ppm)	59	K (% Sat)	1.9
Mg (ppm)	98	Mg (% Sat)	5.8
Ca (ppm)	899	Ca (% Sat)	54.7
CEC	8.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	10
K20 (LB/A)	4
MGO (LB/a)	60

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

COUNTY:	Susquehanna	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.7		
P (ppm)	57		
K (ppm)	113	K (% Sat)	2.6
Mg (ppm)	162	Mg (% Sat)	4.9
Ca (ppm)	1,103	Ca (% Sat)	51.2
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)	72

COUNTY:	Tioga	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.3		
P (ppm)	75		
K (ppm)	174	K (% Sat)	3.9
Mg (ppm)	185	Mg (% Sat)	11.0
Ca (ppm)	1,660	Ca (% Sat)	73.3
CEC	11.6		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY: Union **# of Samples** 33

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	67		
K (ppm)	143	K (% Sat)	2.9
Mg (ppm)	186	Mg (% Sat)	7.3
Ca (ppm)	2,235	Ca (% Sat)	69.7
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)	40

COUNTY: Venango **# of Samples** 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	42		
K (ppm)	104	K (% Sat)	2.2
Mg (ppm)	235	Mg (% Sat)	5.8
Ca (ppm)	1,467	Ca (% Sat)	61.1
CEC	12.1		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY: Warren **# of Samples** 4

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	34		
K (ppm)	99	K (% Sat)	2.3
Mg (ppm)	174	Mg (% Sat)	23.8
Ca (ppm)	1,308	Ca (% Sat)	57.1
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	7
K20 (LB/A)	3
MGO (LB/a)	20

COUNTY: Washington **# of Samples** 75

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	47		
K (ppm)	169	K (% Sat)	2.7
Mg (ppm)	269	Mg (% Sat)	9.3
Ca (ppm)	2,619	Ca (% Sat)	68.1
CEC	16.5		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY: Wayne **# of Samples** 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	2.8		
P (ppm)	153		
K (ppm)	101	K (% Sat)	2.6
Mg (ppm)	141	Mg (% Sat)	8.3
Ca (ppm)	1,246	Ca (% Sat)	54.4
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K2O (LB/A)	3
MGO (LB/a)	46

COUNTY: Westmoreland **# of Samples** 154

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.6		
P (ppm)	64		
K (ppm)	153	K (% Sat)	2.7
Mg (ppm)	227	Mg (% Sat)	7.1
Ca (ppm)	1,855	Ca (% Sat)	59.0
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K2O (LB/A)	2
MGO (LB/a)	24

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

COUNTY: Wyoming **# of Samples** 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.0		
P (ppm)	95		
K (ppm)	112	K (% Sat)	3.1
Mg (ppm)	130	Mg (% Sat)	6.8
Ca (ppm)	1,650	Ca (% Sat)	66.7
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	7
K20 (LB/A)	3
MGO (LB/a)	90

COUNTY: York **# of Samples** 290

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	64		
K (ppm)	152	K (% Sat)	3.3
Mg (ppm)	226	Mg (% Sat)	12.8
Ca (ppm)	1,460	Ca (% Sat)	58.5
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)	20