

**SUMMARY REPORT
SOIL TEST RESULTS-AVERAGES
Turf Samples**

of Samples 7,727

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	76		
K (ppm)	167	K (% Sat)	3.4
Mg (ppm)	222	Mg (% Sat)	9.8
Ca (ppm)	1,588	Ca (% Sat)	59.0
CEC	12.7		

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

COUNTY: **Adams** # of Samples **73**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	42		
K (ppm)	160	K (% Sat)	3.3
Mg (ppm)	249	Mg (% Sat)	16.2
Ca (ppm)	1,543	Ca (% Sat)	59.0
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)	31

COUNTY: **Allegheny** # of Samples **579**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	79		
K (ppm)	144	K (% Sat)	2.7
Mg (ppm)	226	Mg (% Sat)	2.6
Ca (ppm)	1,875	Ca (% Sat)	64.5
CEC	13.9		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY: **Armstrong** **# of Samples** 66

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.1		
P (ppm)	77		
K (ppm)	126	K (% Sat)	3.3
Mg (ppm)	119	Mg (% Sat)	7.8
Ca (ppm)	1,553	Ca (% Sat)	75.4
CEC	10.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	3
MGO (LB/a)	66

COUNTY: **Beaver** **# of Samples** 39

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.6		
P (ppm)	105		
K (ppm)	172	K (% Sat)	2.9
Mg (ppm)	198	Mg (% Sat)	9.1
Ca (ppm)	1,541	Ca (% Sat)	52.4
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)	50

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

COUNTY: Bedford **# of Samples** 22

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.1		
P (ppm)	71		
K (ppm)	158	K (% Sat)	3.2
Mg (ppm)	180	Mg (% Sat)	3.4
Ca (ppm)	2,121	Ca (% Sat)	74.2
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)	43

COUNTY: Berks **# of Samples** 247

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	81		
K (ppm)	193	K (% Sat)	3.6
Mg (ppm)	254	Mg (% Sat)	6.8
Ca (ppm)	1,573	Ca (% Sat)	56.9
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)	31

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

COUNTY: Blair **# of Samples** 79

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	55		
K (ppm)	150	K (% Sat)	3.2
Mg (ppm)	230	Mg (% Sat)	8.9
Ca (ppm)	1,755	Ca (% Sat)	64.5
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	37

COUNTY: Bradford **# of Samples** 17

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.1		
P (ppm)	113		
K (ppm)	207	K (% Sat)	4.1
Mg (ppm)	165	Mg (% Sat)	5.0
Ca (ppm)	1,202	Ca (% Sat)	44.1
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	3
MGO (LB/a)	197

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

COUNTY:	Bucks	# of Samples	256
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	80		
K (ppm)	157	K (% Sat)	3.3
Mg (ppm)	224	Mg (% Sat)	3.1
Ca (ppm)	1,260	Ca (% Sat)	52.7
CEC	11.7		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Butler	# of Samples	136
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	56		
K (ppm)	150	K (% Sat)	2.9
Mg (ppm)	238	Mg (% Sat)	5.7
Ca (ppm)	1,582	Ca (% Sat)	58.0
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	60

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

COUNTY:	Cambria	# of Samples	32
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.3		
P (ppm)	50		
K (ppm)	154	K (% Sat)	2.8
Mg (ppm)	204	Mg (% Sat)	1.4
Ca (ppm)	1,880	Ca (% Sat)	59.5
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)	53

COUNTY:	Cameron	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	3.9		
P (ppm)	69		
K (ppm)	75	K (% Sat)	2.4
Mg (ppm)	97	Mg (% Sat)	10.0
Ca (ppm)	644	Ca (% Sat)	39.6
CEC	8.1		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY: Carbon **# of Samples** 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.0		
P (ppm)	53		
K (ppm)	137	K (% Sat)	3.3
Mg (ppm)	159	Mg (% Sat)	9.5
Ca (ppm)	1,274	Ca (% Sat)	54.6
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K2O (LB/A)	3
MGO (LB/a)	56

COUNTY: Centre **# of Samples** 516

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.6		
P (ppm)	77		
K (ppm)	166	K (% Sat)	3.7
Mg (ppm)	227	Mg (% Sat)	11.6
Ca (ppm)	1,523	Ca (% Sat)	65.1
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K2O (LB/A)	3
MGO (LB/a)	40

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

COUNTY:	Chester	# of Samples	229
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	60		
K (ppm)	202	K (% Sat)	4.2
Mg (ppm)	252	Mg (% Sat)	8.0
Ca (ppm)	1,367	Ca (% Sat)	54.5
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)	40

COUNTY:	Clarion	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.1		
P (ppm)	83		
K (ppm)	124	K (% Sat)	2.4
Mg (ppm)	217	Mg (% Sat)	6.3
Ca (ppm)	1,802	Ca (% Sat)	60.0
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)	74

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

COUNTY:	Clearfield	# of Samples	136
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	44		
K (ppm)	116	K (% Sat)	2.8
Mg (ppm)	182	Mg (% Sat)	3.0
Ca (ppm)	1,344	Ca (% Sat)	62.5
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)	30

COUNTY:	Clinton	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	93		
K (ppm)	369	K (% Sat)	8.3
Mg (ppm)	202	Mg (% Sat)	5.3
Ca (ppm)	1,848	Ca (% Sat)	59.8
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)	92

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

COUNTY: Columbia **# of Samples** 74

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	151		
K (ppm)	133	K (% Sat)	3.0
Mg (ppm)	131	Mg (% Sat)	5.5
Ca (ppm)	1,400	Ca (% Sat)	59.2
CEC	11.2		

SOIL TEST RECOMMENDATIONS

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

COUNTY: Crawford **# of Samples** 59

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	69		
K (ppm)	131	K (% Sat)	3.0
Mg (ppm)	158	Mg (% Sat)	13.6
Ca (ppm)	1,444	Ca (% Sat)	56.9
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)	59

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

COUNTY: Cumberland **# of Samples** 187

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	62		
K (ppm)	195	K (% Sat)	3.9
Mg (ppm)	201	Mg (% Sat)	8.0
Ca (ppm)	1,650	Ca (% Sat)	61.9
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)	69

COUNTY: Dauphin **# of Samples** 245

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	99		
K (ppm)	177	K (% Sat)	3.3
Mg (ppm)	222	Mg (% Sat)	10.6
Ca (ppm)	1,773	Ca (% Sat)	62.8
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)	25

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

COUNTY:	Delaware	# of Samples	343
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.0		
P (ppm)	103		
K (ppm)	180	K (% Sat)	3.4
Mg (ppm)	245	Mg (% Sat)	11.5
Ca (ppm)	1,642	Ca (% Sat)	58.1
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)	46

COUNTY:	Elk	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.1		
P (ppm)	28		
K (ppm)	102	K (% Sat)	2.2
Mg (ppm)	197	Mg (% Sat)	6.8
Ca (ppm)	1,019	Ca (% Sat)	40.9
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)	28

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

COUNTY:	ERIE	# of Samples	61
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	60		
K (ppm)	123	K (% Sat)	2.7
Mg (ppm)	200	Mg (% Sat)	11.5
Ca (ppm)	1,427	Ca (% Sat)	58.8
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)	36

COUNTY:	Fayette	# of Samples	43
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.6		
P (ppm)	41		
K (ppm)	138	K (% Sat)	2.7
Mg (ppm)	205	Mg (% Sat)	9.0
Ca (ppm)	1,567	Ca (% Sat)	56.3
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)	52

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

COUNTY: Franklin **# of Samples** 215

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	73		
K (ppm)	211	K (% Sat)	4.0
Mg (ppm)	218	Mg (% Sat)	4.4
Ca (ppm)	1,933	Ca (% Sat)	65.1
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)	68

COUNTY: Fulton **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	25		
K (ppm)	92	K (% Sat)	2.9
Mg (ppm)	132	Mg (% Sat)	11.2
Ca (ppm)	814	Ca (% Sat)	50.6
CEC	7.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	10
K20 (LB/A)	3
MGO (LB/a)	41

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

COUNTY: Greene **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	6.3		
P (ppm)	19		
K (ppm)	124	K (% Sat)	2.2
Mg (ppm)	180	Mg (% Sat)	7.1
Ca (ppm)	1,379	Ca (% Sat)	42.5
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	2
MGO (LB/a)	25

COUNTY: Huntingdon **# of Samples** 11

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	45		
K (ppm)	130	K (% Sat)	2.6
Mg (ppm)	198	Mg (% Sat)	8.0
Ca (ppm)	1,971	Ca (% Sat)	71.6
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)	30

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

COUNTY: Indiana **# of Samples** 24

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.9		
P (ppm)	62		
K (ppm)	144	K (% Sat)	2.7
Mg (ppm)	206	Mg (% Sat)	1.3
Ca (ppm)	2,404	Ca (% Sat)	55.3
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)	106

COUNTY: Jefferson **# of Samples** 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.6		
P (ppm)	34		
K (ppm)	146	K (% Sat)	2.8
Mg (ppm)	201	Mg (% Sat)	7.5
Ca (ppm)	1,248	Ca (% Sat)	46.7
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)	29

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SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Turf Samples

COUNTY:	Juniata	# of Samples	89
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	4.8		
P (ppm)	114		
K (ppm)	132	K (% Sat)	2.9
Mg (ppm)	111	Mg (% Sat)	10.3
Ca (ppm)	980	Ca (% Sat)	40.4
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	102

COUNTY:	Lackawanna	# of Samples	91
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.6		
P (ppm)	66		
K (ppm)	104	K (% Sat)	2.2
Mg (ppm)	171	Mg (% Sat)	6.6
Ca (ppm)	1,451	Ca (% Sat)	55.2
CEC	12.4		

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: Lancaster **# of Samples** 1,199

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	76		
K (ppm)	187	K (% Sat)	3.7
Mg (ppm)	230	Mg (% Sat)	6.4
Ca (ppm)	1,540	Ca (% Sat)	58.3
CEC	13.0		

SOIL TEST RECOMMENDATIONS

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

COUNTY: Lawrence **# of Samples** 22

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.1		
P (ppm)	43		
K (ppm)	131	K (% Sat)	2.4
Mg (ppm)	169	Mg (% Sat)	12.5
Ca (ppm)	2,115	Ca (% Sat)	70.3
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	3
MGO (LB/a)	48

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COUNTY: Lebanon **# of Samples** 98

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	65		
K (ppm)	186	K (% Sat)	3.8
Mg (ppm)	242	Mg (% Sat)	9.1
Ca (ppm)	1,591	Ca (% Sat)	59.5
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)	33

COUNTY: Lehigh **# of Samples** 168

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	72		
K (ppm)	174	K (% Sat)	3.6
Mg (ppm)	238	Mg (% Sat)	7.3
Ca (ppm)	1,674	Ca (% Sat)	60.5
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)	36

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

COUNTY:	Luzerne	# of Samples	169
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.5		
P (ppm)	111		
K (ppm)	140	K (% Sat)	2.6
Mg (ppm)	189	Mg (% Sat)	5.2
Ca (ppm)	1,298	Ca (% Sat)	50.6
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	4
MGO (LB/a)	52

COUNTY:	Lycoming	# of Samples	54
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	70		
K (ppm)	163	K (% Sat)	3.4
Mg (ppm)	172	Mg (% Sat)	8.2
Ca (ppm)	1,336	Ca (% Sat)	53.7
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	6
K20 (LB/A)	3
MGO (LB/a)	83

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

COUNTY: McKean **# of Samples** 30

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	45		
K (ppm)	72	K (% Sat)	1.7
Mg (ppm)	130	Mg (% Sat)	14.1
Ca (ppm)	1,243	Ca (% Sat)	61.6
CEC	10.0		

SOIL TEST RECOMMENDATIONS

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

COUNTY: Mercer **# of Samples** 25

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	104		
K (ppm)	169	K (% Sat)	3.5
Mg (ppm)	218	Mg (% Sat)	17.5
Ca (ppm)	1,538	Ca (% Sat)	58.5
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	74

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

COUNTY: Mifflin **# of Samples** 19

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.5		
P (ppm)	65		
K (ppm)	180	K (% Sat)	3.5
Mg (ppm)	200	Mg (% Sat)	6.3
Ca (ppm)	1,923	Ca (% Sat)	69.9
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: MONROE **# of Samples** 50

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.0		
P (ppm)	109		
K (ppm)	210	K (% Sat)	3.5
Mg (ppm)	195	Mg (% Sat)	4.0
Ca (ppm)	1,834	Ca (% Sat)	64.0
CEC	12.6		

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:	Montgomery	# of Samples	807
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	80		
K (ppm)	159	K (% Sat)	3.4
Mg (ppm)	244	Mg (% Sat)	11.4
Ca (ppm)	1,375	Ca (% Sat)	54.2
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)	27

COUNTY:	Montour	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.1		
P (ppm)	44		
K (ppm)	152	K (% Sat)	3.4
Mg (ppm)	141	Mg (% Sat)	5.6
Ca (ppm)	1,169	Ca (% Sat)	48.6
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	2
MGO (LB/a)	82

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

COUNTY:	Northampton	# of Samples	143
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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)	177	K (% Sat)	3.7
Mg (ppm)	200	Mg (% Sat)	9.4
Ca (ppm)	1,851	Ca (% Sat)	60.3
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)	66

COUNTY:	Northumberland	# of Samples	27
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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)	166	K (% Sat)	3.4
Mg (ppm)	161	Mg (% Sat)	7.6
Ca (ppm)	1,438	Ca (% Sat)	57.9
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)	63

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

COUNTY:	Perry	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.1		
P (ppm)	82		
K (ppm)	196	K (% Sat)	3.8
Mg (ppm)	189	Mg (% Sat)	6.6
Ca (ppm)	1,518	Ca (% Sat)	51.6
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)	74

COUNTY:	Philadelphia	# of Samples	57
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	188		
K (ppm)	227	K (% Sat)	3.8
Mg (ppm)	266	Mg (% Sat)	10.3
Ca (ppm)	1,965	Ca (% Sat)	60.8
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K20 (LB/A)	2
MGO (LB/a)	72

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

COUNTY: Pike **# of Samples** 11

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.1		
P (ppm)	124		
K (ppm)	107	K (% Sat)	2.9
Mg (ppm)	87	Mg (% Sat)	3.9
Ca (ppm)	1,089	Ca (% Sat)	51.4
CEC	10.6		

SOIL TEST RECOMMENDATIONS

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

COUNTY: Schuylkill **# of Samples** 51

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	107		
K (ppm)	182	K (% Sat)	3.4
Mg (ppm)	209	Mg (% Sat)	4.6
Ca (ppm)	1,643	Ca (% Sat)	57.5
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)	44

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

COUNTY: Snyder **# of Samples** 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	50		
K (ppm)	156	K (% Sat)	3.3
Mg (ppm)	136	Mg (% Sat)	4.9
Ca (ppm)	1,458	Ca (% Sat)	56.8
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)	57

COUNTY: Somerset **# of Samples** 16

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.4		
P (ppm)	44		
K (ppm)	142	K (% Sat)	2.6
Mg (ppm)	197	Mg (% Sat)	15.4
Ca (ppm)	2,257	Ca (% Sat)	59.9
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)	18

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

COUNTY:	Sullivan	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.7		
P (ppm)	58		
K (ppm)	72	K (% Sat)	1.5
Mg (ppm)	107	Mg (% Sat)	9.9
Ca (ppm)	2,220	Ca (% Sat)	85.3
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	8
K2O (LB/A)	3
MGO (LB/a)	43

COUNTY:	Susquehanna	# of Samples	20
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	69		
K (ppm)	110	K (% Sat)	2.5
Mg (ppm)	155	Mg (% Sat)	6.0
Ca (ppm)	1,362	Ca (% Sat)	52.6
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K2O (LB/A)	3
MGO (LB/a)	64

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

COUNTY: Tioga **# of Samples** 42

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	101		
K (ppm)	142	K (% Sat)	3.0
Mg (ppm)	190	Mg (% Sat)	2.5
Ca (ppm)	4,017	Ca (% Sat)	58.2
CEC	12.4		

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: Union **# of Samples** 22

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.3		
P (ppm)	57		
K (ppm)	134	K (% Sat)	2.8
Mg (ppm)	167	Mg (% Sat)	5.4
Ca (ppm)	1,587	Ca (% Sat)	58.7
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)	46

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

COUNTY: Venango **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	43		
K (ppm)	102	K (% Sat)	2.3
Mg (ppm)	197	Mg (% Sat)	13.9
Ca (ppm)	1,351	Ca (% Sat)	61.9
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)	10

COUNTY: Warren **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.1		
P (ppm)	74		
K (ppm)	103	K (% Sat)	1.9
Mg (ppm)	170	Mg (% Sat)	8.7
Ca (ppm)	1,497	Ca (% Sat)	51.5
CEC	14.3		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY:	Washington	# of Samples	70
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	51		
K (ppm)	191	K (% Sat)	3.2
Mg (ppm)	250	Mg (% Sat)	2.1
Ca (ppm)	2,193	Ca (% Sat)	62.1
CEC	15.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	4
K20 (LB/A)	2
MGO (LB/a)	60

COUNTY:	Wayne	# 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)	104		
K (ppm)	84	K (% Sat)	2.3
Mg (ppm)	141	Mg (% Sat)	4.2
Ca (ppm)	1,177	Ca (% Sat)	59.0
CEC	9.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	3
K20 (LB/A)	3
MGO (LB/a)	71

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

COUNTY:	Westmoreland	# of Samples	207
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	55		
K (ppm)	152	K (% Sat)	2.8
Mg (ppm)	246	Mg (% Sat)	15.1
Ca (ppm)	1,862	Ca (% Sat)	60.3
CEC	14.3		

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:	Wyoming	# of Samples	5
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.2		
P (ppm)	121		
K (ppm)	322	K (% Sat)	5.3
Mg (ppm)	213	Mg (% Sat)	5.4
Ca (ppm)	1,443	Ca (% Sat)	60.3
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	5
K20 (LB/A)	2
MGO (LB/a)	33

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

COUNTY:	York	# of Samples	404
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	54		
K (ppm)	161	K (% Sat)	3.4
Mg (ppm)	238	Mg (% Sat)	6.0
Ca (ppm)	1,531	Ca (% Sat)	60.1
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	2
K2O (LB/A)	2
MGO (LB/a)	36