

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS**

Agronomic Samples

2004-2005

of Samples 16,027

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.1		
P (ppm)	76		
K (ppm)	137	K (% Sat)	3.0
Mg (ppm)	167	Mg (% Sat)	11.8
Ca (ppm)	1,436	Ca (% Sat)	58.8
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2135
N (lb/A)	88
P2O5 (LB/A)	56
K20 (LB/A)	112
MGO (LB/a)	13

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Adams **# of Samples** 112

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.7		
P (ppm)	88		
K (ppm)	126	K (% Sat)	2.7
Mg (ppm)	205	Mg (% Sat)	7.9
Ca (ppm)	1,389	Ca (% Sat)	58.5
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1290
N (lb/A)	92
P2O5 (LB/A)	49
K20 (LB/A)	99
MGO (LB/a)	4

COUNTY: Allegheny **# of Samples** 64

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	42		
K (ppm)	156	K (% Sat)	3.0
Mg (ppm)	215	Mg (% Sat)	26.8
Ca (ppm)	2,002	Ca (% Sat)	56.1
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2563
N (lb/A)	89
P2O5 (LB/A)	79
K20 (LB/A)	94
MGO (LB/a)	33

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Armstrong **# of Samples** 126

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.8		
P (ppm)	42		
K (ppm)	111	K (% Sat)	2.4
Mg (ppm)	126	Mg (% Sat)	6.2
Ca (ppm)	1,349	Ca (% Sat)	56.2
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2833
N (lb/A)	88
P2O5 (LB/A)	83
K20 (LB/A)	109
MGO (LB/a)	50

COUNTY: Beaver **# of Samples** 71

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.6		
P (ppm)	51		
K (ppm)	97	K (% Sat)	2.3
Mg (ppm)	127	Mg (% Sat)	2.1
Ca (ppm)	1,218	Ca (% Sat)	54.9
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3127
N (lb/A)	88
P2O5 (LB/A)	71
K20 (LB/A)	166
MGO (LB/a)	24

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Bedford **# of Samples** 423

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	61		
K (ppm)	140	K (% Sat)	3.3
Mg (ppm)	165	Mg (% Sat)	7.4
Ca (ppm)	1,359	Ca (% Sat)	61.6
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1777
N (lb/A)	103
P2O5 (LB/A)	64
K20 (LB/A)	146
MGO (LB/a)	16

COUNTY: Berks **# of Samples** 499

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	86		
K (ppm)	150	K (% Sat)	3.3
Mg (ppm)	167	Mg (% Sat)	14.4
Ca (ppm)	1,350	Ca (% Sat)	56.8
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1848
N (lb/A)	100
P2O5 (LB/A)	56
K20 (LB/A)	96
MGO (LB/a)	7

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Blair **# of Samples** 299

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.7		
P (ppm)	74		
K (ppm)	190	K (% Sat)	4.3
Mg (ppm)	223	Mg (% Sat)	4.3
Ca (ppm)	1,501	Ca (% Sat)	64.8
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1352
N (lb/A)	94
P2O5 (LB/A)	61
K20 (LB/A)	139
MGO (LB/a)	9

COUNTY: Bradford **# of Samples** 743

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.4		
P (ppm)	74		
K (ppm)	123	K (% Sat)	2.7
Mg (ppm)	183	Mg (% Sat)	2.6
Ca (ppm)	1,327	Ca (% Sat)	55.1
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2355
N (lb/A)	70
P2O5 (LB/A)	40
K20 (LB/A)	109
MGO (LB/a)	9

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY

Agronomic Samples

2004-2005

COUNTY: Bucks **# of Samples** 134

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	63		
K (ppm)	125	K (% Sat)	3.0
Mg (ppm)	221	Mg (% Sat)	5.6
Ca (ppm)	1,059	Ca (% Sat)	49.0
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2357
N (lb/A)	114
P2O5 (LB/A)	67
K20 (LB/A)	124
MGO (LB/a)	15

COUNTY: Butler **# of Samples** 289

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	49		
K (ppm)	122	K (% Sat)	2.8
Mg (ppm)	113	Mg (% Sat)	5.4
Ca (ppm)	1,477	Ca (% Sat)	63.5
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1944
N (lb/A)	105
P2O5 (LB/A)	52
K20 (LB/A)	103
MGO (LB/a)	24

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Cambria **# of Samples** 211

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	51		
K (ppm)	140	K (% Sat)	2.8
Mg (ppm)	219	Mg (% Sat)	6.8
Ca (ppm)	1,633	Ca (% Sat)	60.4
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1900
N (lb/A)	52
P2O5 (LB/A)	55
K20 (LB/A)	103
MGO (LB/a)	7

COUNTY: Cameron **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.6		
P (ppm)	17		
K (ppm)	85	K (% Sat)	2.1
Mg (ppm)	78	Mg (% Sat)	5.9
Ca (ppm)	988	Ca (% Sat)	49.9
CEC	10.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4750
N (lb/A)	83
P2O5 (LB/A)	100
K20 (LB/A)	116
MGO (LB/a)	56

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Carbon **# of Samples** 37

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	48		
K (ppm)	117	K (% Sat)	2.7
Mg (ppm)	179	Mg (% Sat)	10.0
Ca (ppm)	1,078	Ca (% Sat)	49.7
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2162
N (lb/A)	46
P2O5 (LB/A)	36
K20 (LB/A)	105
MGO (LB/a)	15

COUNTY: Centre **# of Samples** 2,141

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	73		
K (ppm)	158	K (% Sat)	3.3
Mg (ppm)	165	Mg (% Sat)	5.2
Ca (ppm)	1,644	Ca (% Sat)	63.7
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2068
N (lb/A)	84
P2O5 (LB/A)	45
K20 (LB/A)	102
MGO (LB/a)	13

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Chester **# of Samples** 180

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	57		
K (ppm)	144	K (% Sat)	3.2
Mg (ppm)	203	Mg (% Sat)	4.0
Ca (ppm)	1,332	Ca (% Sat)	57.0
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1681
N (lb/A)	90
P2O5 (LB/A)	67
K20 (LB/A)	113
MGO (LB/a)	23

COUNTY: Clarion **# of Samples** 144

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.5		
P (ppm)	36		
K (ppm)	88	K (% Sat)	2.0
Mg (ppm)	168	Mg (% Sat)	10.9
Ca (ppm)	1,181	Ca (% Sat)	48.0
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3462
N (lb/A)	84
P2O5 (LB/A)	90
K20 (LB/A)	122
MGO (LB/a)	20

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Clearfield **# of Samples** 343

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	75		
K (ppm)	129	K (% Sat)	2.7
Mg (ppm)	171	Mg (% Sat)	3.5
Ca (ppm)	1,811	Ca (% Sat)	59.3
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2778
N (lb/A)	56
P2O5 (LB/A)	66
K20 (LB/A)	120
MGO (LB/a)	20

COUNTY: Clinton **# of Samples** 137

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.0		
P (ppm)	64		
K (ppm)	150	K (% Sat)	3.5
Mg (ppm)	159	Mg (% Sat)	9.1
Ca (ppm)	1,538	Ca (% Sat)	67.3
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1277
N (lb/A)	90
P2O5 (LB/A)	57
K20 (LB/A)	149
MGO (LB/a)	12

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Columbia **# of Samples** 239

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.2		
P (ppm)	77		
K (ppm)	121	K (% Sat)	3.1
Mg (ppm)	113	Mg (% Sat)	6.1
Ca (ppm)	1,106	Ca (% Sat)	55.1
CEC	9.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2370
N (lb/A)	104
P2O5 (LB/A)	42
K20 (LB/A)	100
MGO (LB/a)	8

COUNTY: Crawford **# of Samples** 413

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	61		
K (ppm)	113	K (% Sat)	2.5
Mg (ppm)	179	Mg (% Sat)	5.4
Ca (ppm)	1,245	Ca (% Sat)	53.1
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1695
N (lb/A)	81
P2O5 (LB/A)	37
K20 (LB/A)	75
MGO (LB/a)	8

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Cumberland **# of Samples** 410

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	103		
K (ppm)	152	K (% Sat)	3.3
Mg (ppm)	159	Mg (% Sat)	9.9
Ca (ppm)	1,757	Ca (% Sat)	69.2
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1260
N (lb/A)	112
P2O5 (LB/A)	57
K20 (LB/A)	105
MGO (LB/a)	6

COUNTY: Dauphin **# of Samples** 327

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	117		
K (ppm)	142	K (% Sat)	3.3
Mg (ppm)	141	Mg (% Sat)	4.0
Ca (ppm)	1,369	Ca (% Sat)	60.9
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1890
N (lb/A)	99
P2O5 (LB/A)	68
K20 (LB/A)	115
MGO (LB/a)	14

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY

Agronomic Samples

2004-2005

COUNTY: DELAWARE **# of Samples** 404

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.0		
P (ppm)	166		
K (ppm)	121	K (% Sat)	2.8
Mg (ppm)	183	Mg (% Sat)	12.0
Ca (ppm)	1,293	Ca (% Sat)	57.1
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2118
N (lb/A)	119
P2O5 (LB/A)	50
K20 (LB/A)	114
MGO (LB/a)	2

COUNTY: Elk **# of Samples** 47

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	49		
K (ppm)	114	K (% Sat)	2.3
Mg (ppm)	115	Mg (% Sat)	4.5
Ca (ppm)	1,541	Ca (% Sat)	58.8
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4215
N (lb/A)	101
P2O5 (LB/A)	94
K20 (LB/A)	124
MGO (LB/a)	8

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Erie **# of Samples** 261

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.7		
P (ppm)	55		
K (ppm)	128	K (% Sat)	2.8
Mg (ppm)	161	Mg (% Sat)	7.0
Ca (ppm)	1,279	Ca (% Sat)	53.3
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2482
N (lb/A)	85
P2O5 (LB/A)	56
K20 (LB/A)	107
MGO (LB/a)	7

COUNTY: Fayette **# of Samples** 102

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	36		
K (ppm)	153	K (% Sat)	2.9
Mg (ppm)	179	Mg (% Sat)	6.0
Ca (ppm)	1,603	Ca (% Sat)	56.4
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3132
N (lb/A)	102
P2O5 (LB/A)	70
K20 (LB/A)	98
MGO (LB/a)	23

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Forest **# of Samples** 34

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	40		
K (ppm)	112	K (% Sat)	2.7
Mg (ppm)	89	Mg (% Sat)	2.8
Ca (ppm)	1,341	Ca (% Sat)	61.9
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2235
N (lb/A)	133
P2O5 (LB/A)	60
K20 (LB/A)	94
MGO (LB/a)	18

COUNTY: Franklin **# of Samples** 286

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	79		
K (ppm)	191	K (% Sat)	4.1
Mg (ppm)	157	Mg (% Sat)	2.4
Ca (ppm)	1,552	Ca (% Sat)	63.2
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1599
N (lb/A)	95
P2O5 (LB/A)	52
K20 (LB/A)	109
MGO (LB/a)	6

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Fulton **# of Samples** 59

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.6		
P (ppm)	77		
K (ppm)	126	K (% Sat)	3.2
Mg (ppm)	135	Mg (% Sat)	12.8
Ca (ppm)	1,375	Ca (% Sat)	69.0
CEC	9.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1271
N (lb/A)	81
P2O5 (LB/A)	47
K20 (LB/A)	173
MGO (LB/a)	7

COUNTY: Greene **# of Samples** 38

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.8		
P (ppm)	23		
K (ppm)	110	K (% Sat)	2.1
Mg (ppm)	197	Mg (% Sat)	8.7
Ca (ppm)	1,440	Ca (% Sat)	49.6
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3671
N (lb/A)	92
P2O5 (LB/A)	81
K20 (LB/A)	135
MGO (LB/a)	46

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Huntingdon **# of Samples** 210

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.7		
P (ppm)	69		
K (ppm)	138	K (% Sat)	3.0
Mg (ppm)	148	Mg (% Sat)	7.7
Ca (ppm)	1,590	Ca (% Sat)	61.8
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2093
N (lb/A)	81
P2O5 (LB/A)	66
K20 (LB/A)	106
MGO (LB/a)	19

COUNTY: Indiana **# of Samples** 271

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	49		
K (ppm)	139	K (% Sat)	2.9
Mg (ppm)	157	Mg (% Sat)	4.7
Ca (ppm)	1,433	Ca (% Sat)	58.6
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2900
N (lb/A)	73
P2O5 (LB/A)	63
K20 (LB/A)	110
MGO (LB/a)	9

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Jefferson **# of Samples** 247

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.5		
P (ppm)	34		
K (ppm)	110	K (% Sat)	2.4
Mg (ppm)	119	Mg (% Sat)	5.2
Ca (ppm)	1,220	Ca (% Sat)	51.0
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3674
N (lb/A)	69
P2O5 (LB/A)	81
K20 (LB/A)	147
MGO (LB/a)	23

COUNTY: Juniata **# of Samples** 232

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	118		
K (ppm)	189	K (% Sat)	4.3
Mg (ppm)	143	Mg (% Sat)	3.0
Ca (ppm)	1,594	Ca (% Sat)	66.5
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1175
N (lb/A)	66
P2O5 (LB/A)	40
K20 (LB/A)	70
MGO (LB/a)	4

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Lackawanna **# of Samples** 70

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.8		
P (ppm)	89		
K (ppm)	99	K (% Sat)	2.2
Mg (ppm)	133	Mg (% Sat)	3.2
Ca (ppm)	1,122	Ca (% Sat)	46.9
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3309
N (lb/A)	57
P2O5 (LB/A)	47
K20 (LB/A)	105
MGO (LB/a)	33

COUNTY: Lancaster **# of Samples** 382

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	134		
K (ppm)	170	K (% Sat)	3.5
Mg (ppm)	201	Mg (% Sat)	13.0
Ca (ppm)	1,848	Ca (% Sat)	65.9
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1181
N (lb/A)	83
P2O5 (LB/A)	57
K20 (LB/A)	96
MGO (LB/a)	13

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Lawrence **# of Samples** 110

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.0		
P (ppm)	50		
K (ppm)	121	K (% Sat)	3.1
Mg (ppm)	124	Mg (% Sat)	4.7
Ca (ppm)	1,204	Ca (% Sat)	57.0
CEC	10.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2295
N (lb/A)	102
P2O5 (LB/A)	59
K20 (LB/A)	128
MGO (LB/a)	16

COUNTY: Lebanon **# of Samples** 101

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	70		
K (ppm)	163	K (% Sat)	3.6
Mg (ppm)	194	Mg (% Sat)	1.2
Ca (ppm)	1,413	Ca (% Sat)	58.6
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2020
N (lb/A)	77
P2O5 (LB/A)	74
K20 (LB/A)	136
MGO (LB/a)	22

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Lehigh **# of Samples** 131

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.3		
P (ppm)	64		
K (ppm)	134	K (% Sat)	3.2
Mg (ppm)	174	Mg (% Sat)	15.8
Ca (ppm)	1,148	Ca (% Sat)	53.0
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1958
N (lb/A)	65
P2O5 (LB/A)	43
K20 (LB/A)	96
MGO (LB/a)	6

COUNTY: Luzerne **# of Samples** 127

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.2		
P (ppm)	92		
K (ppm)	112	K (% Sat)	2.7
Mg (ppm)	126	Mg (% Sat)	11.6
Ca (ppm)	1,070	Ca (% Sat)	48.8
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3161
N (lb/A)	69
P2O5 (LB/A)	52
K20 (LB/A)	92
MGO (LB/a)	15

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Lycoming **# of Samples** 297

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	70		
K (ppm)	119	K (% Sat)	2.8
Mg (ppm)	155	Mg (% Sat)	3.8
Ca (ppm)	1,337	Ca (% Sat)	59.1
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1776
N (lb/A)	74
P2O5 (LB/A)	46
K20 (LB/A)	94
MGO (LB/a)	12

COUNTY: McKean **# of Samples** 58

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.4		
P (ppm)	30		
K (ppm)	121	K (% Sat)	2.5
Mg (ppm)	144	Mg (% Sat)	7.9
Ca (ppm)	1,693	Ca (% Sat)	55.4
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3310
N (lb/A)	26
P2O5 (LB/A)	60
K20 (LB/A)	61
MGO (LB/a)	12

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Mercer **# of Samples** 409

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.0		
P (ppm)	47		
K (ppm)	105	K (% Sat)	2.6
Mg (ppm)	153	Mg (% Sat)	8.4
Ca (ppm)	1,246	Ca (% Sat)	57.0
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2063
N (lb/A)	103
P2O5 (LB/A)	67
K20 (LB/A)	119
MGO (LB/a)	18

COUNTY: Mifflin **# of Samples** 69

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	78		
K (ppm)	147	K (% Sat)	3.3
Mg (ppm)	154	Mg (% Sat)	3.7
Ca (ppm)	1,462	Ca (% Sat)	59.6
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2072
N (lb/A)	46
P2O5 (LB/A)	67
K20 (LB/A)	88
MGO (LB/a)	7

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY

Agronomic Samples

2004-2005

COUNTY: Monroe **# of Samples** 36

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	62		
K (ppm)	93	K (% Sat)	2.0
Mg (ppm)	183	Mg (% Sat)	3.9
Ca (ppm)	1,233	Ca (% Sat)	51.5
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2831
N (lb/A)	77
P2O5 (LB/A)	42
K20 (LB/A)	123
MGO (LB/a)	33

COUNTY: Montgomery **# of Samples** 194

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.1		
P (ppm)	77		
K (ppm)	118	K (% Sat)	2.4
Mg (ppm)	236	Mg (% Sat)	3.1
Ca (ppm)	1,324	Ca (% Sat)	51.5
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2227
N (lb/A)	81
P2O5 (LB/A)	55
K20 (LB/A)	101
MGO (LB/a)	10

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Montour **# of Samples** 148

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	89		
K (ppm)	137	K (% Sat)	3.3
Mg (ppm)	119	Mg (% Sat)	5.6
Ca (ppm)	1,494	Ca (% Sat)	64.3
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1501
N (lb/A)	84
P2O5 (LB/A)	40
K20 (LB/A)	101
MGO (LB/a)	8

COUNTY: Northampton **# of Samples** 56

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.7		
P (ppm)	51		
K (ppm)	104	K (% Sat)	2.3
Mg (ppm)	117	Mg (% Sat)	2.5
Ca (ppm)	1,268	Ca (% Sat)	46.6
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4789
N (lb/A)	83
P2O5 (LB/A)	62
K20 (LB/A)	93
MGO (LB/a)	28

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Northumberland **# of Samples** 312

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.7		
P (ppm)	101		
K (ppm)	139	K (% Sat)	3.4
Mg (ppm)	105	Mg (% Sat)	6.2
Ca (ppm)	1,306	Ca (% Sat)	61.9
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1507
N (lb/A)	94
P2O5 (LB/A)	35
K20 (LB/A)	84
MGO (LB/a)	13

COUNTY: Perry **# of Samples** 569

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.0		
P (ppm)	83		
K (ppm)	162	K (% Sat)	3.9
Mg (ppm)	184	Mg (% Sat)	5.0
Ca (ppm)	1,420	Ca (% Sat)	63.6
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1290
N (lb/A)	100
P2O5 (LB/A)	39
K20 (LB/A)	127
MGO (LB/a)	6

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY

Agronomic Samples

2004-2005

COUNTY: Philadelphia **# of Samples** 11

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.0		
P (ppm)	136		
K (ppm)	215	K (% Sat)	4.2
Mg (ppm)	203	Mg (% Sat)	16.0
Ca (ppm)	1,544	Ca (% Sat)	57.5
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1636
N (lb/A)	105
P2O5 (LB/A)	43
K20 (LB/A)	53
MGO (LB/a)	28

COUNTY: Pike **# of Samples** 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	122		
K (ppm)	83	K (% Sat)	1.5
Mg (ppm)	154	Mg (% Sat)	3.7
Ca (ppm)	2,554	Ca (% Sat)	60.2
CEC	14.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2700
N (lb/A)	40
P2O5 (LB/A)	53
K20 (LB/A)	121
MGO (LB/a)	38

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Potter **# of Samples** 152

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	59		
K (ppm)	121	K (% Sat)	2.4
Mg (ppm)	189	Mg (% Sat)	2.9
Ca (ppm)	1,409	Ca (% Sat)	53.3
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3207
N (lb/A)	92
P2O5 (LB/A)	55
K20 (LB/A)	138
MGO (LB/a)	7

COUNTY: Schuylkill **# of Samples** 303

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.6		
P (ppm)	123		
K (ppm)	144	K (% Sat)	3.3
Mg (ppm)	165	Mg (% Sat)	36.7
Ca (ppm)	1,345	Ca (% Sat)	58.9
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1598
N (lb/A)	101
P2O5 (LB/A)	46
K20 (LB/A)	95
MGO (LB/a)	8

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Snyder **# of Samples** 150

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.7		
P (ppm)	102		
K (ppm)	173	K (% Sat)	3.8
Mg (ppm)	142	Mg (% Sat)	14.6
Ca (ppm)	1,460	Ca (% Sat)	62.3
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1760
N (lb/A)	89
P2O5 (LB/A)	57
K20 (LB/A)	100
MGO (LB/a)	21

COUNTY: Somerset **# of Samples** 295

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.9		
P (ppm)	48		
K (ppm)	139	K (% Sat)	2.8
Mg (ppm)	143	Mg (% Sat)	2.8
Ca (ppm)	1,533	Ca (% Sat)	58.0
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3346
N (lb/A)	82
P2O5 (LB/A)	62
K20 (LB/A)	127
MGO (LB/a)	22

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Sullivan **# of Samples** 62

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.3		
P (ppm)	37		
K (ppm)	84	K (% Sat)	1.9
Mg (ppm)	180	Mg (% Sat)	6.2
Ca (ppm)	1,127	Ca (% Sat)	50.2
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2887
N (lb/A)	38
P2O5 (LB/A)	82
K20 (LB/A)	111
MGO (LB/a)	28

COUNTY: Susquehanna **# of Samples** 320

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.3		
P (ppm)	65		
K (ppm)	112	K (% Sat)	2.5
Mg (ppm)	205	Mg (% Sat)	15.2
Ca (ppm)	1,070	Ca (% Sat)	46.1
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2931
N (lb/A)	118
P2O5 (LB/A)	61
K20 (LB/A)	152
MGO (LB/a)	12

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Tioga **# of Samples** 622

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	54		
K (ppm)	114	K (% Sat)	2.3
Mg (ppm)	183	Mg (% Sat)	9.7
Ca (ppm)	1,453	Ca (% Sat)	55.3
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2757
N (lb/A)	58
P2O5 (LB/A)	47
K20 (LB/A)	104
MGO (LB/a)	5

COUNTY: Union **# of Samples** 306

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.3		
P (ppm)	80		
K (ppm)	120	K (% Sat)	2.8
Mg (ppm)	124	Mg (% Sat)	9.6
Ca (ppm)	1,512	Ca (% Sat)	65.6
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1529
N (lb/A)	99
P2O5 (LB/A)	48
K20 (LB/A)	110
MGO (LB/a)	9

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Venango **# of Samples** 102

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.5		
P (ppm)	35		
K (ppm)	97	K (% Sat)	2.4
Mg (ppm)	139	Mg (% Sat)	2.0
Ca (ppm)	1,067	Ca (% Sat)	52.0
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2835
N (lb/A)	103
P2O5 (LB/A)	83
K20 (LB/A)	151
MGO (LB/a)	17

COUNTY: Warren **# of Samples** 69

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.5		
P (ppm)	64		
K (ppm)	133	K (% Sat)	2.8
Mg (ppm)	148	Mg (% Sat)	3.8
Ca (ppm)	1,135	Ca (% Sat)	47.4
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3413
N (lb/A)	79
P2O5 (LB/A)	89
K20 (LB/A)	133
MGO (LB/a)	20

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Washington **# of Samples** 202

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.5		
P (ppm)	36		
K (ppm)	115	K (% Sat)	2.1
Mg (ppm)	231	Mg (% Sat)	13.3
Ca (ppm)	1,743	Ca (% Sat)	57.3
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2791
N (lb/A)	107
P2O5 (LB/A)	78
K20 (LB/A)	140
MGO (LB/a)	14

COUNTY: Wayne **# of Samples** 95

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.2		
P (ppm)	160		
K (ppm)	119	K (% Sat)	2.6
Mg (ppm)	115	Mg (% Sat)	3.4
Ca (ppm)	1,256	Ca (% Sat)	51.7
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2821
N (lb/A)	127
P2O5 (LB/A)	70
K20 (LB/A)	150
MGO (LB/a)	74

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Agronomic Samples

2004-2005

COUNTY: Westmoreland **# of Samples** 237

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	63		
K (ppm)	135	K (% Sat)	2.7
Mg (ppm)	186	Mg (% Sat)	9.2
Ca (ppm)	1,764	Ca (% Sat)	58.7
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2473
N (lb/A)	90
P2O5 (LB/A)	80
K20 (LB/A)	118
MGO (LB/a)	13

COUNTY: Wyoming **# of Samples** 191

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	103		
K (ppm)	108	K (% Sat)	2.5
Mg (ppm)	188	Mg (% Sat)	1.9
Ca (ppm)	1,165	Ca (% Sat)	52.4
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2003
N (lb/A)	96
P2O5 (LB/A)	38
K20 (LB/A)	134
MGO (LB/a)	9

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY

Agronomic Samples

2004-2005

COUNTY:	York	# of Samples	290
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	77		
K (ppm)	154	K (% Sat)	3.7
Mg (ppm)	197	Mg (% Sat)	4.1
Ca (ppm)	1,162	Ca (% Sat)	54.5
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1876
N (lb/A)	87
P2O5 (LB/A)	51
K20 (LB/A)	74
MGO (LB/a)	15