

**SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS**

Agronomic Samples

2002-2003

of Samples 15,551

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.4		
P (ppm)	79		
K (ppm)	154	K (% Sat)	3.5
Mg (ppm)	170	Mg (% Sat)	12.5
Ca (ppm)	1,480	Ca (% Sat)	61.5
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1809
N (lb/A)	93
P2O5 (LB/A)	59
K2O (LB/A)	120
MGO (LB/a)	13

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

Agronomic Samples

2002-2003

COUNTY: _____ # of Samples 1

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.9		
Acidity (meq/100 g)	11.4		
P (ppm)	5		
K (ppm)	31	K (% Sat)	0.6
Mg (ppm)	23	Mg (% Sat)	1.5
Ca (ppm)	302	Ca (% Sat)	11.4
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	8000
N (lb/A)	100
P2O5 (LB/A)	40
K20 (LB/A)	50
MGO (LB/a)	200

COUNTY: **Adams** # of Samples 99

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.3		
P (ppm)	117		
K (ppm)	128	K (% Sat)	2.9
Mg (ppm)	179	Mg (% Sat)	11.1
Ca (ppm)	1,515	Ca (% Sat)	62.8
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1434
N (lb/A)	122
P2O5 (LB/A)	53
K20 (LB/A)	127
MGO (LB/a)	14

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

Agronomic Samples

2002-2003

COUNTY: Allegheny **# of Samples** 148

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.5		
Acidity (meq/100 g)	2.5		
P (ppm)	26		
K (ppm)	116	K (% Sat)	1.9
Mg (ppm)	429	Mg (% Sat)	9.0
Ca (ppm)	6,345	Ca (% Sat)	60.5
CEC	16.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2057
N (lb/A)	53
P2O5 (LB/A)	67
K20 (LB/A)	83
MGO (LB/a)	40

COUNTY: Armstrong **# of Samples** 100

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.4		
P (ppm)	32		
K (ppm)	136	K (% Sat)	3.2
Mg (ppm)	142	Mg (% Sat)	9.1
Ca (ppm)	1,201	Ca (% Sat)	54.5
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2635
N (lb/A)	86
P2O5 (LB/A)	87
K20 (LB/A)	128
MGO (LB/a)	43

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

Agronomic Samples

2002-2003

COUNTY: Beaver **# of Samples** 65

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.2		
P (ppm)	46		
K (ppm)	103	K (% Sat)	2.4
Mg (ppm)	128	Mg (% Sat)	8.8
Ca (ppm)	1,316	Ca (% Sat)	57.3
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3192
N (lb/A)	96
P2O5 (LB/A)	68
K20 (LB/A)	146
MGO (LB/a)	33

COUNTY: Bedford **# of Samples** 366

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.1		
P (ppm)	62		
K (ppm)	133	K (% Sat)	3.4
Mg (ppm)	147	Mg (% Sat)	10.2
Ca (ppm)	1,290	Ca (% Sat)	63.5
CEC	10.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1474
N (lb/A)	109
P2O5 (LB/A)	56
K20 (LB/A)	136
MGO (LB/a)	15

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

Agronomic Samples

2002-2003

COUNTY: Berks

of Samples

223

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.4		
P (ppm)	88		
K (ppm)	155	K (% Sat)	3.6
Mg (ppm)	191	Mg (% Sat)	8.4
Ca (ppm)	1,362	Ca (% Sat)	59.3
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1583
N (lb/A)	77
P2O5 (LB/A)	56
K20 (LB/A)	91
MGO (LB/a)	16

COUNTY: Blair

of Samples

433

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.7		
P (ppm)	85		
K (ppm)	194	K (% Sat)	4.8
Mg (ppm)	205	Mg (% Sat)	3.8
Ca (ppm)	1,354	Ca (% Sat)	63.3
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1150
N (lb/A)	88
P2O5 (LB/A)	61
K20 (LB/A)	126
MGO (LB/a)	8

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

Agronomic Samples

2002-2003

COUNTY: Bradford

of Samples

837

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.5		
P (ppm)	75		
K (ppm)	156	K (% Sat)	3.6
Mg (ppm)	195	Mg (% Sat)	6.5
Ca (ppm)	1,298	Ca (% Sat)	58.3
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2081
N (lb/A)	94
P2O5 (LB/A)	45
K20 (LB/A)	142
MGO (LB/a)	11

COUNTY: Bucks

of Samples

239

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.3		
P (ppm)	85		
K (ppm)	150	K (% Sat)	3.6
Mg (ppm)	215	Mg (% Sat)	9.9
Ca (ppm)	1,170	Ca (% Sat)	56.0
CEC	10.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1506
N (lb/A)	120
P2O5 (LB/A)	67
K20 (LB/A)	132
MGO (LB/a)	9

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

Agronomic Samples

2002-2003

COUNTY: Butler **# of Samples** 498

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.4		
P (ppm)	47		
K (ppm)	144	K (% Sat)	3.3
Mg (ppm)	126	Mg (% Sat)	5.0
Ca (ppm)	1,575	Ca (% Sat)	65.6
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1769
N (lb/A)	103
P2O5 (LB/A)	65
K20 (LB/A)	114
MGO (LB/a)	22

COUNTY: Cambria **# of Samples** 174

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.8		
P (ppm)	36		
K (ppm)	129	K (% Sat)	2.8
Mg (ppm)	213	Mg (% Sat)	6.2
Ca (ppm)	1,502	Ca (% Sat)	60.5
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2115
N (lb/A)	70
P2O5 (LB/A)	77
K20 (LB/A)	127
MGO (LB/a)	6

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

Agronomic Samples

2002-2003

COUNTY: Cameron

of Samples

13

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.3		
P (ppm)	39		
K (ppm)	121	K (% Sat)	2.4
Mg (ppm)	85	Mg (% Sat)	4.7
Ca (ppm)	1,966	Ca (% Sat)	67.8
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2538
N (lb/A)	2
P2O5 (LB/A)	68
K20 (LB/A)	98
MGO (LB/a)	15

COUNTY: Carbon

of Samples

12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	8.1		
P (ppm)	48		
K (ppm)	75	K (% Sat)	1.6
Mg (ppm)	122	Mg (% Sat)	6.4
Ca (ppm)	713	Ca (% Sat)	32.0
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	7125
N (lb/A)	32
P2O5 (LB/A)	91
K20 (LB/A)	130
MGO (LB/a)	24

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

Agronomic Samples

2002-2003

COUNTY:	Centre	# of Samples	1,947
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.2		
P (ppm)	95		
K (ppm)	177	K (% Sat)	3.8
Mg (ppm)	171	Mg (% Sat)	68.6
Ca (ppm)	1,638	Ca (% Sat)	65.3
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1507
N (lb/A)	106
P2O5 (LB/A)	57
K20 (LB/A)	123
MGO (LB/a)	9

COUNTY:	Chester	# of Samples	140
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	63		
K (ppm)	216	K (% Sat)	4.7
Mg (ppm)	210	Mg (% Sat)	5.6
Ca (ppm)	1,262	Ca (% Sat)	56.0
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1646
N (lb/A)	103
P2O5 (LB/A)	63
K20 (LB/A)	142
MGO (LB/a)	40

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

Agronomic Samples

2002-2003

COUNTY: Clarion

of Samples

236

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	2.9		
P (ppm)	19		
K (ppm)	76	K (% Sat)	1.7
Mg (ppm)	144	Mg (% Sat)	4.2
Ca (ppm)	1,643	Ca (% Sat)	63.4
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2286
N (lb/A)	74
P2O5 (LB/A)	84
K20 (LB/A)	116
MGO (LB/a)	16

COUNTY: Clearfield

of Samples

253

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.5		
P (ppm)	47		
K (ppm)	118	K (% Sat)	2.6
Mg (ppm)	138	Mg (% Sat)	1.2
Ca (ppm)	1,504	Ca (% Sat)	58.6
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2757
N (lb/A)	80
P2O5 (LB/A)	73
K20 (LB/A)	116
MGO (LB/a)	15

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

Agronomic Samples

2002-2003

COUNTY: Clinton **# of Samples** 205

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.3		
P (ppm)	52		
K (ppm)	148	K (% Sat)	3.7
Mg (ppm)	142	Mg (% Sat)	1.6
Ca (ppm)	1,297	Ca (% Sat)	62.7
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1829
N (lb/A)	132
P2O5 (LB/A)	63
K20 (LB/A)	155
MGO (LB/a)	19

COUNTY: Columbia **# of Samples** 334

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.4		
P (ppm)	87		
K (ppm)	179	K (% Sat)	4.4
Mg (ppm)	116	Mg (% Sat)	5.2
Ca (ppm)	1,253	Ca (% Sat)	61.1
CEC	10.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1919
N (lb/A)	72
P2O5 (LB/A)	41
K20 (LB/A)	100
MGO (LB/a)	5

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

Agronomic Samples

2002-2003

COUNTY: Crawford **# of Samples** 285

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.8		
P (ppm)	46		
K (ppm)	104	K (% Sat)	2.5
Mg (ppm)	183	Mg (% Sat)	3.5
Ca (ppm)	1,228	Ca (% Sat)	56.3
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1616
N (lb/A)	81
P2O5 (LB/A)	42
K20 (LB/A)	77
MGO (LB/a)	12

COUNTY: Cumberland **# of Samples** 346

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.7		
P (ppm)	101		
K (ppm)	166	K (% Sat)	3.6
Mg (ppm)	166	Mg (% Sat)	10.3
Ca (ppm)	1,777	Ca (% Sat)	69.7
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1103
N (lb/A)	106
P2O5 (LB/A)	57
K20 (LB/A)	124
MGO (LB/a)	10

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

Agronomic Samples

2002-2003

COUNTY: Dauphin

of Samples

329

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.3		
P (ppm)	87		
K (ppm)	184	K (% Sat)	3.8
Mg (ppm)	159	Mg (% Sat)	9.8
Ca (ppm)	1,444	Ca (% Sat)	61.9
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1484
N (lb/A)	105
P2O5 (LB/A)	64
K20 (LB/A)	100
MGO (LB/a)	16

COUNTY: DELAWARE

of Samples

130

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.3		
P (ppm)	135		
K (ppm)	145	K (% Sat)	3.4
Mg (ppm)	207	Mg (% Sat)	17.5
Ca (ppm)	1,306	Ca (% Sat)	59.0
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1462
N (lb/A)	110
P2O5 (LB/A)	48
K20 (LB/A)	95
MGO (LB/a)	5

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

Agronomic Samples

2002-2003

COUNTY: Elk **# of Samples** 46

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.1		
P (ppm)	45		
K (ppm)	108	K (% Sat)	2.5
Mg (ppm)	124	Mg (% Sat)	2.2
Ca (ppm)	1,365	Ca (% Sat)	59.8
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2685
N (lb/A)	56
P2O5 (LB/A)	78
K20 (LB/A)	160
MGO (LB/a)	24

COUNTY: Erie **# of Samples** 165

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.9		
P (ppm)	47		
K (ppm)	109	K (% Sat)	2.5
Mg (ppm)	156	Mg (% Sat)	2.5
Ca (ppm)	1,157	Ca (% Sat)	51.6
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3258
N (lb/A)	68
P2O5 (LB/A)	68
K20 (LB/A)	115
MGO (LB/a)	7

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

Agronomic Samples

2002-2003

COUNTY: Fayette **# of Samples** 173

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	2.8		
P (ppm)	51		
K (ppm)	167	K (% Sat)	3.6
Mg (ppm)	169	Mg (% Sat)	6.6
Ca (ppm)	1,577	Ca (% Sat)	60.4
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2484
N (lb/A)	88
P2O5 (LB/A)	77
K20 (LB/A)	117
MGO (LB/a)	22

COUNTY: Forest **# of Samples** 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.2		
P (ppm)	36		
K (ppm)	117	K (% Sat)	2.6
Mg (ppm)	88	Mg (% Sat)	5.7
Ca (ppm)	1,673	Ca (% Sat)	70.3
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1583
N (lb/A)	98
P2O5 (LB/A)	64
K20 (LB/A)	76
MGO (LB/a)	7

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

Agronomic Samples

2002-2003

COUNTY: Franklin **# of Samples** 523

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.6		
P (ppm)	85		
K (ppm)	173	K (% Sat)	4.1
Mg (ppm)	168	Mg (% Sat)	12.0
Ca (ppm)	1,613	Ca (% Sat)	68.2
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1080
N (lb/A)	90
P2O5 (LB/A)	45
K20 (LB/A)	128
MGO (LB/a)	8

COUNTY: Fulton **# of Samples** 206

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	1.8		
P (ppm)	71		
K (ppm)	130	K (% Sat)	3.3
Mg (ppm)	153	Mg (% Sat)	7.1
Ca (ppm)	1,311	Ca (% Sat)	64.9
CEC	9.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1422
N (lb/A)	88
P2O5 (LB/A)	51
K20 (LB/A)	145
MGO (LB/a)	7

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

Agronomic Samples

2002-2003

COUNTY: Greene

of Samples

55

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.3		
P (ppm)	31		
K (ppm)	112	K (% Sat)	2.5
Mg (ppm)	164	Mg (% Sat)	10.1
Ca (ppm)	1,318	Ca (% Sat)	46.9
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3511
N (lb/A)	125
P2O5 (LB/A)	80
K20 (LB/A)	133
MGO (LB/a)	34

COUNTY: Huntingdon

of Samples

225

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.3		
P (ppm)	57		
K (ppm)	137	K (% Sat)	3.0
Mg (ppm)	153	Mg (% Sat)	3.4
Ca (ppm)	1,997	Ca (% Sat)	73.4
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1062
N (lb/A)	99
P2O5 (LB/A)	77
K20 (LB/A)	148
MGO (LB/a)	5

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

Agronomic Samples

2002-2003

COUNTY: Indiana

of Samples

285

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.6		
P (ppm)	50		
K (ppm)	138	K (% Sat)	3.1
Mg (ppm)	207	Mg (% Sat)	2.1
Ca (ppm)	1,426	Ca (% Sat)	60.4
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2295
N (lb/A)	87
P2O5 (LB/A)	61
K20 (LB/A)	118
MGO (LB/a)	7

COUNTY: Jefferson

of Samples

175

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.6		
P (ppm)	38		
K (ppm)	127	K (% Sat)	3.0
Mg (ppm)	139	Mg (% Sat)	4.6
Ca (ppm)	1,372	Ca (% Sat)	63.1
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2217
N (lb/A)	89
P2O5 (LB/A)	79
K20 (LB/A)	151
MGO (LB/a)	12

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

Agronomic Samples

2002-2003

COUNTY: Juniata

of Samples

197

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	1.8		
P (ppm)	86		
K (ppm)	166	K (% Sat)	4.1
Mg (ppm)	150	Mg (% Sat)	4.4
Ca (ppm)	1,392	Ca (% Sat)	65.4
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1229
N (lb/A)	63
P2O5 (LB/A)	27
K20 (LB/A)	57
MGO (LB/a)	8

COUNTY: Lackawanna

of Samples

63

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.8		
P (ppm)	99		
K (ppm)	106	K (% Sat)	2.4
Mg (ppm)	152	Mg (% Sat)	5.9
Ca (ppm)	1,666	Ca (% Sat)	60.6
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1976
N (lb/A)	101
P2O5 (LB/A)	49
K20 (LB/A)	159
MGO (LB/a)	18

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

Agronomic Samples

2002-2003

COUNTY: Lancaster **# of Samples** 478

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.4		
P (ppm)	149		
K (ppm)	196	K (% Sat)	4.4
Mg (ppm)	196	Mg (% Sat)	13.5
Ca (ppm)	1,659	Ca (% Sat)	67.6
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	880
N (lb/A)	124
P2O5 (LB/A)	52
K20 (LB/A)	119
MGO (LB/a)	8

COUNTY: Lawrence **# of Samples** 87

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.2		
P (ppm)	56		
K (ppm)	120	K (% Sat)	3.0
Mg (ppm)	130	Mg (% Sat)	6.2
Ca (ppm)	1,313	Ca (% Sat)	64.5
CEC	10.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1649
N (lb/A)	87
P2O5 (LB/A)	54
K20 (LB/A)	112
MGO (LB/a)	15

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

Agronomic Samples

2002-2003

COUNTY: Lebanon

of Samples

151

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.7		
P (ppm)	146		
K (ppm)	229	K (% Sat)	4.7
Mg (ppm)	187	Mg (% Sat)	7.8
Ca (ppm)	2,027	Ca (% Sat)	68.6
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	848
N (lb/A)	103
P2O5 (LB/A)	45
K20 (LB/A)	49
MGO (LB/a)	2

COUNTY: Lehigh

of Samples

76

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.6		
P (ppm)	289		
K (ppm)	125	K (% Sat)	2.7
Mg (ppm)	198	Mg (% Sat)	9.6
Ca (ppm)	2,168	Ca (% Sat)	60.6
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1914
N (lb/A)	67
P2O5 (LB/A)	52
K20 (LB/A)	80
MGO (LB/a)	12

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

Agronomic Samples

2002-2003

COUNTY: Luzerne **# of Samples** 163

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.1		
P (ppm)	80		
K (ppm)	130	K (% Sat)	3.1
Mg (ppm)	174	Mg (% Sat)	11.8
Ca (ppm)	1,392	Ca (% Sat)	55.4
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2874
N (lb/A)	87
P2O5 (LB/A)	48
K20 (LB/A)	138
MGO (LB/a)	17

COUNTY: Lycoming **# of Samples** 224

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.0		
P (ppm)	89		
K (ppm)	132	K (% Sat)	3.3
Mg (ppm)	143	Mg (% Sat)	10.3
Ca (ppm)	1,366	Ca (% Sat)	65.5
CEC	10.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1464
N (lb/A)	98
P2O5 (LB/A)	53
K20 (LB/A)	121
MGO (LB/a)	13

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

Agronomic Samples

2002-2003

COUNTY: McKean

of Samples

40

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.2		
P (ppm)	47		
K (ppm)	121	K (% Sat)	2.2
Mg (ppm)	111	Mg (% Sat)	2.6
Ca (ppm)	2,032	Ca (% Sat)	59.5
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3238
N (lb/A)	78
P2O5 (LB/A)	91
K20 (LB/A)	156
MGO (LB/a)	79

COUNTY: Mercer

of Samples

355

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.7		
P (ppm)	44		
K (ppm)	108	K (% Sat)	2.7
Mg (ppm)	150	Mg (% Sat)	7.3
Ca (ppm)	1,175	Ca (% Sat)	57.7
CEC	10.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2462
N (lb/A)	96
P2O5 (LB/A)	60
K20 (LB/A)	128
MGO (LB/a)	13

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

Agronomic Samples

2002-2003

COUNTY: Mifflin **# of Samples** 70

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.1		
P (ppm)	114		
K (ppm)	230	K (% Sat)	5.0
Mg (ppm)	193	Mg (% Sat)	2.4
Ca (ppm)	1,510	Ca (% Sat)	62.8
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1750
N (lb/A)	83
P2O5 (LB/A)	35
K20 (LB/A)	73
MGO (LB/a)	15

COUNTY: Monroe **# of Samples** 48

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.6		
P (ppm)	97		
K (ppm)	81	K (% Sat)	2.0
Mg (ppm)	164	Mg (% Sat)	4.0
Ca (ppm)	961	Ca (% Sat)	44.4
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3646
N (lb/A)	103
P2O5 (LB/A)	68
K20 (LB/A)	102
MGO (LB/a)	34

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

Agronomic Samples

2002-2003

COUNTY: Montgomery

of Samples

205

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.8		
P (ppm)	114		
K (ppm)	157	K (% Sat)	3.5
Mg (ppm)	228	Mg (% Sat)	2.4
Ca (ppm)	1,262	Ca (% Sat)	54.0
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1712
N (lb/A)	98
P2O5 (LB/A)	61
K20 (LB/A)	89
MGO (LB/a)	16

COUNTY: Montour

of Samples

126

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.4		
P (ppm)	100		
K (ppm)	158	K (% Sat)	3.9
Mg (ppm)	121	Mg (% Sat)	7.4
Ca (ppm)	1,272	Ca (% Sat)	61.7
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1607
N (lb/A)	69
P2O5 (LB/A)	35
K20 (LB/A)	68
MGO (LB/a)	4

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

Agronomic Samples

2002-2003

COUNTY: Northampton

of Samples

70

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	64		
K (ppm)	169	K (% Sat)	3.8
Mg (ppm)	167	Mg (% Sat)	10.5
Ca (ppm)	1,703	Ca (% Sat)	64.2
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1643
N (lb/A)	101
P2O5 (LB/A)	48
K20 (LB/A)	85
MGO (LB/a)	10

COUNTY: Northumberland

of Samples

507

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.1		
P (ppm)	100		
K (ppm)	173	K (% Sat)	4.3
Mg (ppm)	130	Mg (% Sat)	7.2
Ca (ppm)	1,357	Ca (% Sat)	64.6
CEC	10.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1146
N (lb/A)	78
P2O5 (LB/A)	35
K20 (LB/A)	72
MGO (LB/a)	20

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

Agronomic Samples

2002-2003

COUNTY: Perry **# of Samples** 503

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.5		
P (ppm)	96		
K (ppm)	194	K (% Sat)	4.7
Mg (ppm)	184	Mg (% Sat)	9.6
Ca (ppm)	1,414	Ca (% Sat)	66.3
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	919
N (lb/A)	87
P2O5 (LB/A)	40
K20 (LB/A)	125
MGO (LB/a)	2

COUNTY: Philadelphia **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.6		
P (ppm)	484		
K (ppm)	118	K (% Sat)	2.3
Mg (ppm)	181	Mg (% Sat)	8.7
Ca (ppm)	2,393	Ca (% Sat)	61.1
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1125
N (lb/A)	38
P2O5 (LB/A)	38
K20 (LB/A)	108
MGO (LB/a)	0

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

Agronomic Samples

2002-2003

COUNTY: Pike **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.5		
P (ppm)	41		
K (ppm)	64	K (% Sat)	1.5
Mg (ppm)	219	Mg (% Sat)	2.5
Ca (ppm)	802	Ca (% Sat)	37.6
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	63
P2O5 (LB/A)	15
K20 (LB/A)	110
MGO (LB/a)	60

COUNTY: Potter **# of Samples** 133

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.0		
P (ppm)	66		
K (ppm)	163	K (% Sat)	3.5
Mg (ppm)	157	Mg (% Sat)	10.9
Ca (ppm)	1,324	Ca (% Sat)	53.5
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3391
N (lb/A)	101
P2O5 (LB/A)	63
K20 (LB/A)	122
MGO (LB/a)	27

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

Agronomic Samples

2002-2003

COUNTY: RESEARCH

of Samples

112

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	2.6		
P (ppm)	68		
K (ppm)	101	K (% Sat)	3.3
Mg (ppm)	66	Mg (% Sat)	6.5
Ca (ppm)	960	Ca (% Sat)	57.8
CEC	8.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2107
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	10

COUNTY: Schuylkill

of Samples

232

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.9		
P (ppm)	133		
K (ppm)	154	K (% Sat)	3.8
Mg (ppm)	156	Mg (% Sat)	6.8
Ca (ppm)	1,235	Ca (% Sat)	57.1
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2043
N (lb/A)	94
P2O5 (LB/A)	59
K20 (LB/A)	69
MGO (LB/a)	8

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

Agronomic Samples

2002-2003

COUNTY: Snyder

of Samples

187

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.4		
P (ppm)	116		
K (ppm)	197	K (% Sat)	4.4
Mg (ppm)	148	Mg (% Sat)	16.3
Ca (ppm)	1,418	Ca (% Sat)	62.1
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1537
N (lb/A)	76
P2O5 (LB/A)	48
K20 (LB/A)	104
MGO (LB/a)	22

COUNTY: Somerset

of Samples

176

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	3.8		
P (ppm)	52		
K (ppm)	144	K (% Sat)	3.0
Mg (ppm)	116	Mg (% Sat)	8.8
Ca (ppm)	1,458	Ca (% Sat)	57.7
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3207
N (lb/A)	86
P2O5 (LB/A)	48
K20 (LB/A)	105
MGO (LB/a)	29

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

Agronomic Samples

2002-2003

COUNTY: Sullivan **# of Samples** 38

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.4		
P (ppm)	29		
K (ppm)	82	K (% Sat)	2.0
Mg (ppm)	127	Mg (% Sat)	2.8
Ca (ppm)	985	Ca (% Sat)	47.2
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3789
N (lb/A)	101
P2O5 (LB/A)	79
K20 (LB/A)	146
MGO (LB/a)	49

COUNTY: Susquehanna **# of Samples** 291

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.5		
P (ppm)	66		
K (ppm)	137	K (% Sat)	3.3
Mg (ppm)	211	Mg (% Sat)	7.7
Ca (ppm)	1,061	Ca (% Sat)	48.8
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2509
N (lb/A)	100
P2O5 (LB/A)	69
K20 (LB/A)	145
MGO (LB/a)	7

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

Agronomic Samples

2002-2003

COUNTY: Tioga **# of Samples** 322

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.1		
P (ppm)	58		
K (ppm)	123	K (% Sat)	2.6
Mg (ppm)	184	Mg (% Sat)	6.1
Ca (ppm)	1,401	Ca (% Sat)	57.2
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2663
N (lb/A)	86
P2O5 (LB/A)	66
K20 (LB/A)	174
MGO (LB/a)	5

COUNTY: Union **# of Samples** 257

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.2		
P (ppm)	85		
K (ppm)	157	K (% Sat)	3.7
Mg (ppm)	134	Mg (% Sat)	9.0
Ca (ppm)	1,407	Ca (% Sat)	65.1
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1702
N (lb/A)	76
P2O5 (LB/A)	43
K20 (LB/A)	100
MGO (LB/a)	9

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

Agronomic Samples

2002-2003

COUNTY: Venango

of Samples

89

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.1		
P (ppm)	34		
K (ppm)	111	K (% Sat)	2.6
Mg (ppm)	135	Mg (% Sat)	13.4
Ca (ppm)	1,309	Ca (% Sat)	59.4
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2326
N (lb/A)	71
P2O5 (LB/A)	67
K20 (LB/A)	106
MGO (LB/a)	22

COUNTY: Warren

of Samples

65

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.8		
P (ppm)	63		
K (ppm)	122	K (% Sat)	2.7
Mg (ppm)	152	Mg (% Sat)	9.7
Ca (ppm)	1,210	Ca (% Sat)	53.3
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2638
N (lb/A)	94
P2O5 (LB/A)	70
K20 (LB/A)	113
MGO (LB/a)	7

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

Agronomic Samples

2002-2003

COUNTY: Washington

of Samples

202

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	3.6		
P (ppm)	41		
K (ppm)	130	K (% Sat)	2.6
Mg (ppm)	206	Mg (% Sat)	10.4
Ca (ppm)	1,492	Ca (% Sat)	55.6
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3324
N (lb/A)	76
P2O5 (LB/A)	60
K20 (LB/A)	124
MGO (LB/a)	17

COUNTY: WASINGTON

of Samples

3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.2		
Acidity (meq/100 g)	6.1		
P (ppm)	28		
K (ppm)	200	K (% Sat)	4.4
Mg (ppm)	133	Mg (% Sat)	5.6
Ca (ppm)	877	Ca (% Sat)	37.7
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	5000
N (lb/A)	150
P2O5 (LB/A)	53
K20 (LB/A)	25
MGO (LB/a)	113

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

Agronomic Samples

2002-2003

COUNTY: Wayne

of Samples

53

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.9		
P (ppm)	95		
K (ppm)	91	K (% Sat)	2.0
Mg (ppm)	109	Mg (% Sat)	3.1
Ca (ppm)	1,185	Ca (% Sat)	48.8
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3755
N (lb/A)	120
P2O5 (LB/A)	50
K20 (LB/A)	161
MGO (LB/a)	42

COUNTY: Westmoreland

of Samples

271

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.0		
P (ppm)	53		
K (ppm)	134	K (% Sat)	2.9
Mg (ppm)	170	Mg (% Sat)	6.0
Ca (ppm)	1,515	Ca (% Sat)	58.7
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2479
N (lb/A)	85
P2O5 (LB/A)	74
K20 (LB/A)	129
MGO (LB/a)	23

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

Agronomic Samples

2002-2003

COUNTY: Wyoming

of Samples

171

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.2		
P (ppm)	91		
K (ppm)	123	K (% Sat)	3.1
Mg (ppm)	174	Mg (% Sat)	10.7
Ca (ppm)	1,098	Ca (% Sat)	51.1
CEC	10.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2304
N (lb/A)	121
P2O5 (LB/A)	43
K20 (LB/A)	159
MGO (LB/a)	12

COUNTY: York

of Samples

298

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.3		
P (ppm)	85		
K (ppm)	166	K (% Sat)	4.4
Mg (ppm)	194	Mg (% Sat)	17.5
Ca (ppm)	1,147	Ca (% Sat)	54.2
CEC	9.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1423
N (lb/A)	88
P2O5 (LB/A)	56
K20 (LB/A)	90
MGO (LB/a)	10