

**SUMMARY REPORT  
SOIL TEST RESULTS AND RECOMMENDATIONS**

**Agronomic Samples**

**2003-2004**

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**# of Samples**            16,964

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**SOIL TEST RESULTS**

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<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.3		
Acidity (meq/100 g)	2.4		
P (ppm)	78		
K (ppm)	152	K (% Sat)	3.4
Mg (ppm)	166	Mg (% Sat)	12.4
Ca (ppm)	1,448	Ca (% Sat)	62.0
CEC	11.1		

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**SOIL TEST RECOMMENDATIONS**

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<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1692
N (lb/A)	97
P2O5 (LB/A)	57
K20 (LB/A)	116
MGO (LB/a)	14

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

Agronomic Samples

2003-2004

**COUNTY: Adams**

**# of Samples**

115

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.4		
P (ppm)	80		
K (ppm)	131	K (% Sat)	3.0
Mg (ppm)	214	Mg (% Sat)	14.6
Ca (ppm)	1,310	Ca (% Sat)	58.4
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1626
N (lb/A)	69
P2O5 (LB/A)	54
K20 (LB/A)	102
MGO (LB/a)	10

**COUNTY: ALLEGHENY**

**# of Samples**

242

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	4.7		
P (ppm)	35		
K (ppm)	739	K (% Sat)	12.5
Mg (ppm)	190	Mg (% Sat)	33.1
Ca (ppm)	1,918	Ca (% Sat)	40.7
CEC	13.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3955
N (lb/A)	93
P2O5 (LB/A)	97
K20 (LB/A)	115
MGO (LB/a)	135

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

Agronomic Samples

2003-2004

**COUNTY: ARMSTRONG**

**# of Samples**

115

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.0		
P (ppm)	51		
K (ppm)	139	K (% Sat)	3.1
Mg (ppm)	129	Mg (% Sat)	20.9
Ca (ppm)	1,498	Ca (% Sat)	60.9
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2347
N (lb/A)	75
P2O5 (LB/A)	66
K20 (LB/A)	87
MGO (LB/a)	24

**COUNTY: Beaver**

**# of Samples**

88

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	2.8		
P (ppm)	47		
K (ppm)	108	K (% Sat)	2.6
Mg (ppm)	132	Mg (% Sat)	6.0
Ca (ppm)	1,306	Ca (% Sat)	59.9
CEC	10.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2165
N (lb/A)	64
P2O5 (LB/A)	76
K20 (LB/A)	116
MGO (LB/a)	20

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

Agronomic Samples

2003-2004

**COUNTY: Bedford** **# of Samples** 499

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.1		
P (ppm)	70		
K (ppm)	144	K (% Sat)	3.6
Mg (ppm)	154	Mg (% Sat)	5.8
Ca (ppm)	1,349	Ca (% Sat)	62.8
CEC	10.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1609
N (lb/A)	117
P2O5 (LB/A)	61
K20 (LB/A)	137
MGO (LB/a)	11

**COUNTY: Berks** **# of Samples** 276

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.2		
P (ppm)	123		
K (ppm)	189	K (% Sat)	4.3
Mg (ppm)	183	Mg (% Sat)	11.9
Ca (ppm)	1,385	Ca (% Sat)	60.8
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1504
N (lb/A)	88
P2O5 (LB/A)	57
K20 (LB/A)	96
MGO (LB/a)	16

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

Agronomic Samples

2003-2004

**COUNTY: Blair**

**# of Samples**

**259**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.7		
P (ppm)	63		
K (ppm)	169	K (% Sat)	4.0
Mg (ppm)	206	Mg (% Sat)	7.4
Ca (ppm)	1,446	Ca (% Sat)	64.3
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1156
N (lb/A)	94
P2O5 (LB/A)	68
K20 (LB/A)	135
MGO (LB/a)	10

**COUNTY: Bradford**

**# of Samples**

**990**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.0		
P (ppm)	72		
K (ppm)	127	K (% Sat)	2.8
Mg (ppm)	182	Mg (% Sat)	9.7
Ca (ppm)	1,276	Ca (% Sat)	56.3
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2649
N (lb/A)	97
P2O5 (LB/A)	53
K20 (LB/A)	142
MGO (LB/a)	17

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

Agronomic Samples

2003-2004

**COUNTY: Bucks** **# of Samples** 377

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.7		
P (ppm)	89		
K (ppm)	179	K (% Sat)	3.9
Mg (ppm)	236	Mg (% Sat)	14.7
Ca (ppm)	1,294	Ca (% Sat)	55.7
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1711
N (lb/A)	126
P2O5 (LB/A)	59
K20 (LB/A)	83
MGO (LB/a)	9

**COUNTY: Butler** **# of Samples** 291

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.0		
P (ppm)	49		
K (ppm)	121	K (% Sat)	2.9
Mg (ppm)	104	Mg (% Sat)	8.1
Ca (ppm)	1,689	Ca (% Sat)	69.7
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1673
N (lb/A)	92
P2O5 (LB/A)	57
K20 (LB/A)	130
MGO (LB/a)	22

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

Agronomic Samples

2003-2004

**COUNTY: Cambria** **# of Samples** 198

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.3		
P (ppm)	48		
K (ppm)	150	K (% Sat)	3.1
Mg (ppm)	207	Mg (% Sat)	5.6
Ca (ppm)	1,681	Ca (% Sat)	64.4
CEC	12.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1841
N (lb/A)	64
P2O5 (LB/A)	65
K20 (LB/A)	97
MGO (LB/a)	6

**COUNTY: Cameron** **# of Samples** 5

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.0		
Acidity (meq/100 g)	8.7		
P (ppm)	10		
K (ppm)	56	K (% Sat)	1.3
Mg (ppm)	38	Mg (% Sat)	5.2
Ca (ppm)	364	Ca (% Sat)	17.3
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	7900
N (lb/A)	14
P2O5 (LB/A)	118
K20 (LB/A)	120
MGO (LB/a)	98

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

Agronomic Samples

2003-2004

**COUNTY: Carbon** **# of Samples** 26

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.7		
P (ppm)	90		
K (ppm)	111	K (% Sat)	2.6
Mg (ppm)	184	Mg (% Sat)	2.8
Ca (ppm)	1,236	Ca (% Sat)	58.2
CEC	10.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2096
N (lb/A)	59
P2O5 (LB/A)	58
K20 (LB/A)	94
MGO (LB/a)	5

**COUNTY: Centre** **# of Samples** 2,806

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.1		
P (ppm)	79		
K (ppm)	158	K (% Sat)	3.4
Mg (ppm)	163	Mg (% Sat)	
Ca (ppm)	1,570	Ca (% Sat)	65.8
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1332
N (lb/A)	110
P2O5 (LB/A)	51
K20 (LB/A)	94
MGO (LB/a)	8



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

Agronomic Samples

2003-2004

**COUNTY: Chester**

**# of Samples**

154

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.0		
P (ppm)	86		
K (ppm)	208	K (% Sat)	4.2
Mg (ppm)	202	Mg (% Sat)	15.3
Ca (ppm)	1,436	Ca (% Sat)	59.3
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1124
N (lb/A)	139
P2O5 (LB/A)	62
K20 (LB/A)	146
MGO (LB/a)	14

**COUNTY: Clarion**

**# of Samples**

118

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	3.2		
P (ppm)	39		
K (ppm)	115	K (% Sat)	2.6
Mg (ppm)	149	Mg (% Sat)	8.7
Ca (ppm)	1,316	Ca (% Sat)	53.3
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2682
N (lb/A)	104
P2O5 (LB/A)	89
K20 (LB/A)	130
MGO (LB/a)	36

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

Agronomic Samples

2003-2004

**COUNTY: Clearfield** **# of Samples** 241

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.1		
P (ppm)	51		
K (ppm)	126	K (% Sat)	2.8
Mg (ppm)	116	Mg (% Sat)	18.2
Ca (ppm)	1,490	Ca (% Sat)	61.8
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2448
N (lb/A)	76
P2O5 (LB/A)	81
K20 (LB/A)	127
MGO (LB/a)	21

**COUNTY: Clinton** **# of Samples** 125

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	1.8		
P (ppm)	50		
K (ppm)	142	K (% Sat)	3.5
Mg (ppm)	147	Mg (% Sat)	9.9
Ca (ppm)	1,440	Ca (% Sat)	66.0
CEC	10.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1344
N (lb/A)	99
P2O5 (LB/A)	56
K20 (LB/A)	127
MGO (LB/a)	14

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

Agronomic Samples

2003-2004

**COUNTY: Columbia**

**# of Samples**

**307**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.1		
P (ppm)	94		
K (ppm)	147	K (% Sat)	3.6
Mg (ppm)	134	Mg (% Sat)	6.6
Ca (ppm)	1,368	Ca (% Sat)	64.7
CEC	10.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1256
N (lb/A)	106
P2O5 (LB/A)	39
K20 (LB/A)	108
MGO (LB/a)	13

**COUNTY: Crawford**

**# of Samples**

**393**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.0		
P (ppm)	51		
K (ppm)	106	K (% Sat)	2.5
Mg (ppm)	166	Mg (% Sat)	10.6
Ca (ppm)	1,226	Ca (% Sat)	56.3
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1785
N (lb/A)	94
P2O5 (LB/A)	48
K20 (LB/A)	97
MGO (LB/a)	12

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

Agronomic Samples

2003-2004

**COUNTY: CUMBERLAND**

**# of Samples**

**446**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.5		
P (ppm)	99		
K (ppm)	145	K (% Sat)	3.2
Mg (ppm)	158	Mg (% Sat)	3.9
Ca (ppm)	1,885	Ca (% Sat)	71.8
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	930
N (lb/A)	110
P2O5 (LB/A)	48
K20 (LB/A)	121
MGO (LB/a)	10

**COUNTY: DAUPHIN**

**# of Samples**

**390**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.0		
P (ppm)	106		
K (ppm)	137	K (% Sat)	3.4
Mg (ppm)	141	Mg (% Sat)	3.0
Ca (ppm)	1,485	Ca (% Sat)	66.5
CEC	10.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1294
N (lb/A)	108
P2O5 (LB/A)	63
K20 (LB/A)	114
MGO (LB/a)	22

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

Agronomic Samples

2003-2004

**COUNTY: Delaware** **# of Samples** 174

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.3		
P (ppm)	138		
K (ppm)	138	K (% Sat)	3.4
Mg (ppm)	182	Mg (% Sat)	2.9
Ca (ppm)	1,264	Ca (% Sat)	60.1
CEC	10.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1270
N (lb/A)	101
P2O5 (LB/A)	57
K20 (LB/A)	92
MGO (LB/a)	6

**COUNTY: Elk** **# of Samples** 32

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.0		
P (ppm)	30		
K (ppm)	119	K (% Sat)	2.7
Mg (ppm)	119	Mg (% Sat)	7.5
Ca (ppm)	1,654	Ca (% Sat)	71.5
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1609
N (lb/A)	62
P2O5 (LB/A)	100
K20 (LB/A)	180
MGO (LB/a)	12

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

Agronomic Samples

2003-2004

**COUNTY: Erie** **# of Samples** 208

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.3		
P (ppm)	50		
K (ppm)	108	K (% Sat)	2.7
Mg (ppm)	155	Mg (% Sat)	7.2
Ca (ppm)	1,196	Ca (% Sat)	54.3
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2401
N (lb/A)	83
P2O5 (LB/A)	64
K20 (LB/A)	100
MGO (LB/a)	8

**COUNTY: Fayette** **# of Samples** 86

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	2.8		
P (ppm)	28		
K (ppm)	107	K (% Sat)	2.4
Mg (ppm)	186	Mg (% Sat)	11.8
Ca (ppm)	1,403	Ca (% Sat)	58.6
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2291
N (lb/A)	85
P2O5 (LB/A)	75
K20 (LB/A)	126
MGO (LB/a)	12

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

Agronomic Samples

2003-2004

**COUNTY: Forest** **# of Samples** 25

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	3.5		
P (ppm)	35		
K (ppm)	114	K (% Sat)	3.0
Mg (ppm)	95	Mg (% Sat)	4.3
Ca (ppm)	1,009	Ca (% Sat)	52.0
CEC	9.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2620
N (lb/A)	96
P2O5 (LB/A)	76
K20 (LB/A)	79
MGO (LB/a)	30

**COUNTY: Franklin** **# of Samples** 534

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.5		
P (ppm)	79		
K (ppm)	159	K (% Sat)	3.8
Mg (ppm)	164	Mg (% Sat)	7.9
Ca (ppm)	1,559	Ca (% Sat)	69.6
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	904
N (lb/A)	86
P2O5 (LB/A)	40
K20 (LB/A)	124
MGO (LB/a)	5

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

Agronomic Samples

2003-2004

**COUNTY:      Fulton** **# of Samples**      146

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	1.9		
P (ppm)	57		
K (ppm)	113	K (% Sat)	3.0
Mg (ppm)	140	Mg (% Sat)	15.9
Ca (ppm)	1,277	Ca (% Sat)	64.6
CEC	9.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1103
N (lb/A)	122
P2O5 (LB/A)	53
K20 (LB/A)	146
MGO (LB/a)	17

**COUNTY:      Greene** **# of Samples**      27

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	4.7		
P (ppm)	42		
K (ppm)	125	K (% Sat)	2.6
Mg (ppm)	160	Mg (% Sat)	3.3
Ca (ppm)	1,243	Ca (% Sat)	47.7
CEC	12.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4500
N (lb/A)	95
P2O5 (LB/A)	58
K20 (LB/A)	154
MGO (LB/a)	26



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

Agronomic Samples

2003-2004

**COUNTY:     Huntingdon**

**# of Samples**

**217**

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.6		
Acidity (meq/100 g)	1.4		
P (ppm)	68		
K (ppm)	141	K (% Sat)	3.2
Mg (ppm)	171	Mg (% Sat)	6.4
Ca (ppm)	1,908	Ca (% Sat)	71.3
CEC	11.9		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	994
N (lb/A)	105
P2O5 (LB/A)	67
K20 (LB/A)	140
MGO (LB/a)	5

**COUNTY:     Indiana**

**# of Samples**

**231**

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.1		
Acidity (meq/100 g)	2.6		
P (ppm)	45		
K (ppm)	129	K (% Sat)	3.0
Mg (ppm)	143	Mg (% Sat)	8.4
Ca (ppm)	1,360	Ca (% Sat)	61.1
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2076
N (lb/A)	85
P2O5 (LB/A)	61
K20 (LB/A)	100
MGO (LB/a)	7

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

Agronomic Samples

2003-2004

**COUNTY: Jefferson**

**# of Samples**

172

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	34		
K (ppm)	110	K (% Sat)	2.5
Mg (ppm)	139	Mg (% Sat)	9.2
Ca (ppm)	1,376	Ca (% Sat)	59.1
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2783
N (lb/A)	90
P2O5 (LB/A)	89
K20 (LB/A)	161
MGO (LB/a)	23

**COUNTY: Juniata**

**# of Samples**

262

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	1.9		
P (ppm)	88		
K (ppm)	169	K (% Sat)	3.9
Mg (ppm)	143	Mg (% Sat)	4.3
Ca (ppm)	1,557	Ca (% Sat)	67.4
CEC	11.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1176
N (lb/A)	66
P2O5 (LB/A)	39
K20 (LB/A)	83
MGO (LB/a)	10

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

Agronomic Samples

2003-2004

**COUNTY: Lackawanna**

**# of Samples**

**79**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.7		
P (ppm)	100		
K (ppm)	106	K (% Sat)	2.6
Mg (ppm)	116	Mg (% Sat)	3.6
Ca (ppm)	1,298	Ca (% Sat)	54.2
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2842
N (lb/A)	102
P2O5 (LB/A)	43
K20 (LB/A)	116
MGO (LB/a)	20

**COUNTY: Lancaster**

**# of Samples**

**487**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.4		
P (ppm)	153		
K (ppm)	188	K (% Sat)	4.1
Mg (ppm)	191	Mg (% Sat)	10.2
Ca (ppm)	1,809	Ca (% Sat)	68.9
CEC	11.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	845
N (lb/A)	104
P2O5 (LB/A)	62
K20 (LB/A)	96
MGO (LB/a)	9

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

Agronomic Samples

2003-2004

**COUNTY: Lawrence** **# of Samples** 172

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.3		
P (ppm)	53		
K (ppm)	130	K (% Sat)	3.2
Mg (ppm)	142	Mg (% Sat)	2.7
Ca (ppm)	1,298	Ca (% Sat)	62.0
CEC	10.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1494
N (lb/A)	107
P2O5 (LB/A)	62
K20 (LB/A)	139
MGO (LB/a)	10

**COUNTY: Lebanon** **# of Samples** 186

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.4		
P (ppm)	158		
K (ppm)	209	K (% Sat)	4.4
Mg (ppm)	193	Mg (% Sat)	6.6
Ca (ppm)	1,759	Ca (% Sat)	69.6
CEC	12.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	697
N (lb/A)	84
P2O5 (LB/A)	45
K20 (LB/A)	80
MGO (LB/a)	5

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

Agronomic Samples

2003-2004

**COUNTY: Lehigh**

**# of Samples**

228

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	2.7		
P (ppm)	75		
K (ppm)	131	K (% Sat)	3.3
Mg (ppm)	175	Mg (% Sat)	11.8
Ca (ppm)	1,215	Ca (% Sat)	55.6
CEC	10.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1899
N (lb/A)	78
P2O5 (LB/A)	45
K20 (LB/A)	107
MGO (LB/a)	5

**COUNTY: Luzerne**

**# of Samples**

195

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.0		
P (ppm)	74		
K (ppm)	117	K (% Sat)	2.9
Mg (ppm)	152	Mg (% Sat)	1.8
Ca (ppm)	1,300	Ca (% Sat)	55.7
CEC	10.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2123
N (lb/A)	88
P2O5 (LB/A)	42
K20 (LB/A)	121
MGO (LB/a)	30

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

Agronomic Samples

2003-2004

**COUNTY: Lycoming** **# of Samples** 342

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.5		
P (ppm)	78		
K (ppm)	135	K (% Sat)	3.3
Mg (ppm)	153	Mg (% Sat)	3.4
Ca (ppm)	1,292	Ca (% Sat)	60.5
CEC	10.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1735
N (lb/A)	63
P2O5 (LB/A)	50
K20 (LB/A)	93
MGO (LB/a)	11

**COUNTY: McKean** **# of Samples** 20

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	4.6		
P (ppm)	20		
K (ppm)	114	K (% Sat)	2.3
Mg (ppm)	99	Mg (% Sat)	4.0
Ca (ppm)	1,387	Ca (% Sat)	54.2
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4580
N (lb/A)	44
P2O5 (LB/A)	81
K20 (LB/A)	51
MGO (LB/a)	63

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

Agronomic Samples

2003-2004

**COUNTY: Mercer** **# of Samples** 280

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.3		
P (ppm)	49		
K (ppm)	112	K (% Sat)	2.8
Mg (ppm)	175	Mg (% Sat)	4.9
Ca (ppm)	1,243	Ca (% Sat)	60.0
CEC	10.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1621
N (lb/A)	104
P2O5 (LB/A)	59
K20 (LB/A)	136
MGO (LB/a)	13

**COUNTY: Mifflin** **# of Samples** 40

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.4		
P (ppm)	70		
K (ppm)	135	K (% Sat)	3.1
Mg (ppm)	153	Mg (% Sat)	4.2
Ca (ppm)	1,486	Ca (% Sat)	65.1
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1650
N (lb/A)	59
P2O5 (LB/A)	75
K20 (LB/A)	87
MGO (LB/a)	21

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

Agronomic Samples

2003-2004

**COUNTY: Monroe**

**# of Samples**

**50**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.0		
P (ppm)	79		
K (ppm)	90	K (% Sat)	2.2
Mg (ppm)	152	Mg (% Sat)	6.4
Ca (ppm)	1,184	Ca (% Sat)	47.6
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3400
N (lb/A)	66
P2O5 (LB/A)	46
K20 (LB/A)	108
MGO (LB/a)	37

**COUNTY: Montgomery**

**# of Samples**

**202**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.2		
P (ppm)	68		
K (ppm)	119	K (% Sat)	2.8
Mg (ppm)	210	Mg (% Sat)	8.5
Ca (ppm)	1,170	Ca (% Sat)	52.7
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2101
N (lb/A)	60
P2O5 (LB/A)	38
K20 (LB/A)	88
MGO (LB/a)	9



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

Agronomic Samples

2003-2004

**COUNTY: Montour**

**# of Samples**

165

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.0		
P (ppm)	81		
K (ppm)	145	K (% Sat)	3.8
Mg (ppm)	125	Mg (% Sat)	7.2
Ca (ppm)	1,266	Ca (% Sat)	64.5
CEC	9.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1055
N (lb/A)	93
P2O5 (LB/A)	36
K20 (LB/A)	89
MGO (LB/a)	10

**COUNTY: Northampton**

**# of Samples**

125

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	1.9		
P (ppm)	74		
K (ppm)	158	K (% Sat)	3.6
Mg (ppm)	176	Mg (% Sat)	5.5
Ca (ppm)	1,620	Ca (% Sat)	63.7
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1286
N (lb/A)	102
P2O5 (LB/A)	54
K20 (LB/A)	106
MGO (LB/a)	15

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

Agronomic Samples

2003-2004

**COUNTY: Northumberland**

**# of Samples**

**324**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.7		
P (ppm)	84		
K (ppm)	129	K (% Sat)	3.1
Mg (ppm)	122	Mg (% Sat)	6.0
Ca (ppm)	1,502	Ca (% Sat)	69.2
CEC	10.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	914
N (lb/A)	88
P2O5 (LB/A)	36
K20 (LB/A)	90
MGO (LB/a)	12

**COUNTY: Perry**

**# of Samples**

**577**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.6		
P (ppm)	81		
K (ppm)	169	K (% Sat)	4.3
Mg (ppm)	175	Mg (% Sat)	14.1
Ca (ppm)	1,378	Ca (% Sat)	65.9
CEC	10.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	947
N (lb/A)	83
P2O5 (LB/A)	38
K20 (LB/A)	124
MGO (LB/a)	6

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

Agronomic Samples

2003-2004

**COUNTY: Pike** **# of Samples** 17

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	7.2		
P (ppm)	85		
K (ppm)	69	K (% Sat)	1.4
Mg (ppm)	75	Mg (% Sat)	2.5
Ca (ppm)	1,131	Ca (% Sat)	38.8
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6059
N (lb/A)	5
P2O5 (LB/A)	67
K20 (LB/A)	114
MGO (LB/a)	84

**COUNTY: Potter** **# of Samples** 121

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.7		
P (ppm)	87		
K (ppm)	118	K (% Sat)	2.6
Mg (ppm)	162	Mg (% Sat)	5.3
Ca (ppm)	1,331	Ca (% Sat)	53.6
CEC	11.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3298
N (lb/A)	77
P2O5 (LB/A)	75
K20 (LB/A)	115
MGO (LB/a)	24

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

Agronomic Samples

2003-2004

**COUNTY: Schuylkill** **# of Samples** 277

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	2.8		
P (ppm)	105		
K (ppm)	143	K (% Sat)	3.6
Mg (ppm)	149	Mg (% Sat)	2.2
Ca (ppm)	1,187	Ca (% Sat)	56.9
CEC	10.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1895
N (lb/A)	87
P2O5 (LB/A)	51
K20 (LB/A)	96
MGO (LB/a)	13

**COUNTY: Snyder** **# of Samples** 178

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.5		
P (ppm)	120		
K (ppm)	186	K (% Sat)	4.2
Mg (ppm)	152	Mg (% Sat)	12.7
Ca (ppm)	1,581	Ca (% Sat)	70.4
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1016
N (lb/A)	84
P2O5 (LB/A)	30
K20 (LB/A)	88
MGO (LB/a)	17

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

Agronomic Samples

2003-2004

**COUNTY: Somerset**

**# of Samples**

**238**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	3.4		
P (ppm)	49		
K (ppm)	140	K (% Sat)	3.1
Mg (ppm)	146	Mg (% Sat)	7.3
Ca (ppm)	1,372	Ca (% Sat)	57.3
CEC	11.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3112
N (lb/A)	105
P2O5 (LB/A)	68
K20 (LB/A)	127
MGO (LB/a)	33

**COUNTY: Sullivan**

**# of Samples**

**60**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	4.2		
P (ppm)	49		
K (ppm)	72	K (% Sat)	1.8
Mg (ppm)	128	Mg (% Sat)	5.6
Ca (ppm)	1,075	Ca (% Sat)	49.4
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2963
N (lb/A)	88
P2O5 (LB/A)	57
K20 (LB/A)	134
MGO (LB/a)	23

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

Agronomic Samples

2003-2004

**COUNTY: Susquehanna**

**# of Samples**

**289**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.6		
P (ppm)	60		
K (ppm)	120	K (% Sat)	2.7
Mg (ppm)	202	Mg (% Sat)	9.4
Ca (ppm)	1,136	Ca (% Sat)	49.9
CEC	11.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2458
N (lb/A)	126
P2O5 (LB/A)	66
K20 (LB/A)	156
MGO (LB/a)	17

**COUNTY: Tioga**

**# of Samples**

**308**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	2.9		
P (ppm)	60		
K (ppm)	131	K (% Sat)	2.7
Mg (ppm)	193	Mg (% Sat)	7.9
Ca (ppm)	1,470	Ca (% Sat)	58.9
CEC	12.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2049
N (lb/A)	89
P2O5 (LB/A)	51
K20 (LB/A)	117
MGO (LB/a)	11

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

Agronomic Samples

2003-2004

**COUNTY: Union** **# of Samples** 161

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.4		
P (ppm)	105		
K (ppm)	139	K (% Sat)	3.2
Mg (ppm)	129	Mg (% Sat)	10.0
Ca (ppm)	1,470	Ca (% Sat)	63.6
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1902
N (lb/A)	70
P2O5 (LB/A)	54
K20 (LB/A)	107
MGO (LB/a)	9

**COUNTY: Venango** **# of Samples** 143

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.6		
P (ppm)	61		
K (ppm)	106	K (% Sat)	2.6
Mg (ppm)	170	Mg (% Sat)	3.6
Ca (ppm)	1,256	Ca (% Sat)	57.8
CEC	10.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1703
N (lb/A)	143
P2O5 (LB/A)	56
K20 (LB/A)	85
MGO (LB/a)	11

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

Agronomic Samples

2003-2004

**COUNTY: Warren**

**# of Samples**

**68**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.2		
P (ppm)	52		
K (ppm)	117	K (% Sat)	2.6
Mg (ppm)	169	Mg (% Sat)	5.8
Ca (ppm)	1,320	Ca (% Sat)	56.5
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2868
N (lb/A)	115
P2O5 (LB/A)	84
K20 (LB/A)	178
MGO (LB/a)	11

**COUNTY: Washington**

**# of Samples**

**185**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.2		
P (ppm)	28		
K (ppm)	127	K (% Sat)	2.5
Mg (ppm)	202	Mg (% Sat)	16.5
Ca (ppm)	1,586	Ca (% Sat)	57.8
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2830
N (lb/A)	86
P2O5 (LB/A)	83
K20 (LB/A)	131
MGO (LB/a)	16



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

Agronomic Samples

2003-2004

**COUNTY: Wayne** **# of Samples** 140

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.3		
Acidity (meq/100 g)	2.5		
P (ppm)	102		
K (ppm)	131	K (% Sat)	2.9
Mg (ppm)	161	Mg (% Sat)	3.6
Ca (ppm)	1,516	Ca (% Sat)	61.7
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1725
N (lb/A)	111
P2O5 (LB/A)	51
K20 (LB/A)	164
MGO (LB/a)	39

**COUNTY: Westmoreland** **# of Samples** 227

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.3		
Acidity (meq/100 g)	2.4		
P (ppm)	80		
K (ppm)	138	K (% Sat)	2.9
Mg (ppm)	179	Mg (% Sat)	3.3
Ca (ppm)	1,758	Ca (% Sat)	64.4
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1903
N (lb/A)	96
P2O5 (LB/A)	71
K20 (LB/A)	113
MGO (LB/a)	14

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

Agronomic Samples

2003-2004

**COUNTY: Wyoming**

**# of Samples**

302

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	2.6		
P (ppm)	117		
K (ppm)	114	K (% Sat)	3.0
Mg (ppm)	184	Mg (% Sat)	5.8
Ca (ppm)	1,093	Ca (% Sat)	54.2
CEC	9.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1970
N (lb/A)	127
P2O5 (LB/A)	38
K20 (LB/A)	163
MGO (LB/a)	9

**COUNTY: York**

**# of Samples**

203

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	1.9		
P (ppm)	77		
K (ppm)	146	K (% Sat)	3.6
Mg (ppm)	196	Mg (% Sat)	13.2
Ca (ppm)	1,274	Ca (% Sat)	61.1
CEC	10.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1197
N (lb/A)	101
P2O5 (LB/A)	47
K20 (LB/A)	86
MGO (LB/a)	12