

**SUMMARY REPORT  
SOIL TEST RESULTS AND RECOMMENDATIONS**

**Agronomic Samples**

**2009/2010**

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**# of Samples**            16,899

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**SOIL TEST RESULTS**

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<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	81		
K (ppm)	162	K (% Sat)	3.0
Mg (ppm)	190	Mg (% Sat)	12.7
Ca (ppm)	1,653	Ca (% Sat)	60.8
CEC	12.4		

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**SOIL TEST RECOMMENDATIONS**

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<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1805
N (lb/A)	97
P2O5 (LB/A)	57
K2O (LB/A)	110
MGO (LB/a)	10

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

Agronomic Samples

2009/2010

**COUNTY: Adams** **# of Samples** 64

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	101		
K (ppm)	106	K (% Sat)	2.0
Mg (ppm)	175	Mg (% Sat)	9.8
Ca (ppm)	1,612	Ca (% Sat)	62.5
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1633
N (lb/A)	143
P2O5 (LB/A)	68
K20 (LB/A)	158
MGO (LB/a)	14

**COUNTY: Allegheny** **# of Samples** 126

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	4.1		
P (ppm)	42		
K (ppm)	291	K (% Sat)	4.0
Mg (ppm)	264	Mg (% Sat)	3.2
Ca (ppm)	4,044	Ca (% Sat)	52.1
CEC	15.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3560
N (lb/A)	93
P2O5 (LB/A)	81
K20 (LB/A)	95
MGO (LB/a)	23

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

Agronomic Samples

2009/2010

**COUNTY: Armstrong** **# of Samples** 158

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	49		
K (ppm)	122	K (% Sat)	2.6
Mg (ppm)	180	Mg (% Sat)	4.1
Ca (ppm)	1,500	Ca (% Sat)	57.7
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2057
N (lb/A)	62
P2O5 (LB/A)	57
K20 (LB/A)	78
MGO (LB/a)	14

**COUNTY: Beaver** **# of Samples** 109

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	56		
K (ppm)	118	K (% Sat)	2.6
Mg (ppm)	176	Mg (% Sat)	7.2
Ca (ppm)	1,803	Ca (% Sat)	61.3
CEC	11.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1853
N (lb/A)	76
P2O5 (LB/A)	69
K20 (LB/A)	137
MGO (LB/a)	13

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

Agronomic Samples

2009/2010

**COUNTY: Bedford** **# of Samples** 221

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	61		
K (ppm)	129	K (% Sat)	2.7
Mg (ppm)	186	Mg (% Sat)	4.5
Ca (ppm)	1,512	Ca (% Sat)	59.9
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2140
N (lb/A)	101
P2O5 (LB/A)	72
K20 (LB/A)	127
MGO (LB/a)	19

**COUNTY: Berks** **# of Samples** 434

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	119		
K (ppm)	160	K (% Sat)	3.2
Mg (ppm)	216	Mg (% Sat)	8.5
Ca (ppm)	1,674	Ca (% Sat)	63.2
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	882
N (lb/A)	106
P2O5 (LB/A)	49
K20 (LB/A)	88
MGO (LB/a)	6

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

Agronomic Samples

2009/2010

**COUNTY: Blair** **# of Samples** 176

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	119		
K (ppm)	154	K (% Sat)	3.2
Mg (ppm)	237	Mg (% Sat)	3.3
Ca (ppm)	1,702	Ca (% Sat)	64.0
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1506
N (lb/A)	105
P2O5 (LB/A)	60
K20 (LB/A)	93
MGO (LB/a)	9

**COUNTY: Bradford** **# of Samples** 1,032

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	93		
K (ppm)	159	K (% Sat)	3.2
Mg (ppm)	210	Mg (% Sat)	3.6
Ca (ppm)	1,738	Ca (% Sat)	63.4
CEC	13.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1484
N (lb/A)	98
P2O5 (LB/A)	37
K20 (LB/A)	115
MGO (LB/a)	6

**SUMMARY REPORT  
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Agronomic Samples

2009/2010

**COUNTY: Bucks** **# of Samples** 174

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	78		
K (ppm)	123	K (% Sat)	2.7
Mg (ppm)	241	Mg (% Sat)	14.6
Ca (ppm)	1,194	Ca (% Sat)	51.3
CEC	11.2		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1876
N (lb/A)	105
P2O5 (LB/A)	53
K20 (LB/A)	120
MGO (LB/a)	3

**COUNTY: Butler** **# of Samples** 466

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	44		
K (ppm)	110	K (% Sat)	2.4
Mg (ppm)	132	Mg (% Sat)	7.4
Ca (ppm)	1,572	Ca (% Sat)	66.3
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1508
N (lb/A)	110
P2O5 (LB/A)	62
K20 (LB/A)	107
MGO (LB/a)	12

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

Agronomic Samples

2009/2010

**COUNTY: Cambria** **# of Samples** 212

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	50		
K (ppm)	143	K (% Sat)	2.9
Mg (ppm)	240	Mg (% Sat)	1.3
Ca (ppm)	1,588	Ca (% Sat)	60.0
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1976
N (lb/A)	67
P2O5 (LB/A)	58
K20 (LB/A)	114
MGO (LB/a)	5

**COUNTY: Cameron** **# of Samples** 16

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	5.7		
Acidity (meq/100 g)	5.5		
P (ppm)	19		
K (ppm)	93	K (% Sat)	2.0
Mg (ppm)	86	Mg (% Sat)	2.2
Ca (ppm)	1,474	Ca (% Sat)	46.3
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	4625
N (lb/A)	54
P2O5 (LB/A)	91
K20 (LB/A)	113
MGO (LB/a)	49

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

Agronomic Samples

2009/2010

**COUNTY: Carbon** **# of Samples** 25

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.3		
P (ppm)	48		
K (ppm)	103	K (% Sat)	2.5
Mg (ppm)	161	Mg (% Sat)	7.0
Ca (ppm)	1,210	Ca (% Sat)	53.1
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2120
N (lb/A)	97
P2O5 (LB/A)	53
K20 (LB/A)	132
MGO (LB/a)	5

**COUNTY: Centre** **# of Samples** 2,018

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	83		
K (ppm)	227	K (% Sat)	2.9
Mg (ppm)	212	Mg (% Sat)	4.8
Ca (ppm)	1,777	Ca (% Sat)	61.1
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1722
N (lb/A)	102
P2O5 (LB/A)	54
K20 (LB/A)	111
MGO (LB/a)	6



**SUMMARY REPORT  
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Agronomic Samples

2009/2010

**COUNTY: Chester** **# of Samples** 200

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	96		
K (ppm)	219	K (% Sat)	4.3
Mg (ppm)	236	Mg (% Sat)	10.4
Ca (ppm)	1,642	Ca (% Sat)	59.3
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1118
N (lb/A)	120
P2O5 (LB/A)	58
K20 (LB/A)	109
MGO (LB/a)	24

**COUNTY: Clarion** **# of Samples** 287

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.1		
P (ppm)	92		
K (ppm)	675	K (% Sat)	6.8
Mg (ppm)	248	Mg (% Sat)	12.5
Ca (ppm)	3,332	Ca (% Sat)	63.2
CEC	15.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1413
N (lb/A)	84
P2O5 (LB/A)	64
K20 (LB/A)	113
MGO (LB/a)	7

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

Agronomic Samples

2009/2010

**COUNTY: Clearfield** **# of Samples** 276

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	55		
K (ppm)	127	K (% Sat)	2.6
Mg (ppm)	127	Mg (% Sat)	5.8
Ca (ppm)	1,747	Ca (% Sat)	62.0
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2491
N (lb/A)	74
P2O5 (LB/A)	73
K20 (LB/A)	110
MGO (LB/a)	14

**COUNTY: Clinton** **# of Samples** 227

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	73		
K (ppm)	168	K (% Sat)	3.4
Mg (ppm)	187	Mg (% Sat)	3.2
Ca (ppm)	1,794	Ca (% Sat)	67.4
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1174
N (lb/A)	85
P2O5 (LB/A)	62
K20 (LB/A)	123
MGO (LB/a)	8

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

Agronomic Samples

2009/2010

**COUNTY: Columbia** **# of Samples** 315

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.3		
P (ppm)	78		
K (ppm)	128	K (% Sat)	3.1
Mg (ppm)	130	Mg (% Sat)	5.3
Ca (ppm)	1,192	Ca (% Sat)	55.4
CEC	10.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2090
N (lb/A)	115
P2O5 (LB/A)	44
K20 (LB/A)	96
MGO (LB/a)	12

**COUNTY: Crawford** **# of Samples** 329

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	50		
K (ppm)	102	K (% Sat)	2.3
Mg (ppm)	181	Mg (% Sat)	5.8
Ca (ppm)	1,289	Ca (% Sat)	54.8
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2421
N (lb/A)	72
P2O5 (LB/A)	53
K20 (LB/A)	105
MGO (LB/a)	6

**SUMMARY REPORT  
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Agronomic Samples

2009/2010

**COUNTY: Cumberland** **# of Samples** 235

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	92		
K (ppm)	159	K (% Sat)	3.3
Mg (ppm)	204	Mg (% Sat)	7.9
Ca (ppm)	1,627	Ca (% Sat)	63.9
CEC	12.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1379
N (lb/A)	105
P2O5 (LB/A)	59
K20 (LB/A)	94
MGO (LB/a)	11

**COUNTY: Dauphin** **# of Samples** 251

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	76		
K (ppm)	206	K (% Sat)	4.6
Mg (ppm)	139	Mg (% Sat)	2.5
Ca (ppm)	1,313	Ca (% Sat)	60.6
CEC	10.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1560
N (lb/A)	87
P2O5 (LB/A)	52
K20 (LB/A)	86
MGO (LB/a)	17

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Agronomic Samples

2009/2010

**COUNTY: Delaware**

**# of Samples**

102

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	212		
K (ppm)	135	K (% Sat)	2.3
Mg (ppm)	223	Mg (% Sat)	2.1
Ca (ppm)	2,327	Ca (% Sat)	71.1
CEC	14.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1064
N (lb/A)	106
P2O5 (LB/A)	78
K20 (LB/A)	113
MGO (LB/a)	6

**COUNTY: Elk**

**# of Samples**

35

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	34		
K (ppm)	91	K (% Sat)	1.7
Mg (ppm)	120	Mg (% Sat)	2.2
Ca (ppm)	1,955	Ca (% Sat)	70.3
CEC	13.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	54
P2O5 (LB/A)	101
K20 (LB/A)	180
MGO (LB/a)	21

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

Agronomic Samples

2009/2010

**COUNTY: ERIE** **# of Samples** 223

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	45		
K (ppm)	99	K (% Sat)	2.3
Mg (ppm)	162	Mg (% Sat)	4.6
Ca (ppm)	1,213	Ca (% Sat)	52.9
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2378
N (lb/A)	113
P2O5 (LB/A)	65
K20 (LB/A)	104
MGO (LB/a)	5

**COUNTY: Fayette** **# of Samples** 166

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.9		
P (ppm)	37		
K (ppm)	126	K (% Sat)	2.3
Mg (ppm)	169	Mg (% Sat)	3.6
Ca (ppm)	1,677	Ca (% Sat)	55.6
CEC	14.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3657
N (lb/A)	108
P2O5 (LB/A)	76
K20 (LB/A)	113
MGO (LB/a)	25

**SUMMARY REPORT  
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Agronomic Samples

2009/2010

**COUNTY: Forest** **# of Samples** 31

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.1		
Acidity (meq/100 g)	3.6		
P (ppm)	31		
K (ppm)	84	<b>K (% Sat)</b>	2.0
Mg (ppm)	85	<b>Mg (% Sat)</b>	1.9
Ca (ppm)	1,364	<b>Ca (% Sat)</b>	59.0
CEC	11.3		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	3113
N (lb/A)	95
P2O5 (LB/A)	72
K20 (LB/A)	145
MGO (LB/a)	21

**COUNTY: Franklin** **# of Samples** 150

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	93		
K (ppm)	159	<b>K (% Sat)</b>	3.4
Mg (ppm)	170	<b>Mg (% Sat)</b>	8.3
Ca (ppm)	2,153	<b>Ca (% Sat)</b>	68.6
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1000
N (lb/A)	106
P2O5 (LB/A)	55
K20 (LB/A)	110
MGO (LB/a)	9

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Agronomic Samples

2009/2010

**COUNTY:     Fulton** **# of Samples**           218

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	68		
K (ppm)	135	K (% Sat)	3.2
Mg (ppm)	170	Mg (% Sat)	2.5
Ca (ppm)	1,395	Ca (% Sat)	62.3
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1305
N (lb/A)	124
P2O5 (LB/A)	65
K20 (LB/A)	154
MGO (LB/a)	14

**COUNTY:     Greene** **# of Samples**           52

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.7		
P (ppm)	37		
K (ppm)	124	K (% Sat)	2.2
Mg (ppm)	198	Mg (% Sat)	8.1
Ca (ppm)	1,659	Ca (% Sat)	53.0
CEC	14.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3519
N (lb/A)	58
P2O5 (LB/A)	72
K20 (LB/A)	87
MGO (LB/a)	26



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**COUNTY:     Huntingdon**

**# of Samples**

168

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.0		
P (ppm)	63		
K (ppm)	130	K (% Sat)	2.8
Mg (ppm)	186	Mg (% Sat)	7.3
Ca (ppm)	1,756	Ca (% Sat)	66.2
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1294
N (lb/A)	83
P2O5 (LB/A)	64
K20 (LB/A)	100
MGO (LB/a)	17

**COUNTY:     Indiana**

**# of Samples**

298

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	41		
K (ppm)	121	K (% Sat)	2.4
Mg (ppm)	160	Mg (% Sat)	4.2
Ca (ppm)	1,677	Ca (% Sat)	63.5
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2080
N (lb/A)	90
P2O5 (LB/A)	68
K20 (LB/A)	104
MGO (LB/a)	5

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Agronomic Samples

2009/2010

**COUNTY: Jefferson** **# of Samples** 219

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	37		
K (ppm)	106	K (% Sat)	2.2
Mg (ppm)	134	Mg (% Sat)	5.8
Ca (ppm)	1,707	Ca (% Sat)	62.8
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2234
N (lb/A)	74
P2O5 (LB/A)	69
K20 (LB/A)	121
MGO (LB/a)	10

**COUNTY: Juniata** **# of Samples** 415

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.3		
P (ppm)	123		
K (ppm)	164	K (% Sat)	3.8
Mg (ppm)	152	Mg (% Sat)	4.4
Ca (ppm)	1,434	Ca (% Sat)	62.6
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1336
N (lb/A)	99
P2O5 (LB/A)	44
K20 (LB/A)	106
MGO (LB/a)	8

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

Agronomic Samples

2009/2010

**COUNTY: Lackawanna** **# of Samples** 111

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	114		
K (ppm)	113	K (% Sat)	2.6
Mg (ppm)	137	Mg (% Sat)	3.7
Ca (ppm)	1,806	Ca (% Sat)	66.3
CEC	11.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1617
N (lb/A)	92
P2O5 (LB/A)	55
K20 (LB/A)	106
MGO (LB/a)	13

**COUNTY: Lancaster** **# of Samples** 272

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	115		
K (ppm)	169	K (% Sat)	3.4
Mg (ppm)	217	Mg (% Sat)	4.8
Ca (ppm)	2,001	Ca (% Sat)	64.5
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1386
N (lb/A)	109
P2O5 (LB/A)	56
K20 (LB/A)	78
MGO (LB/a)	4

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

Agronomic Samples

2009/2010

**COUNTY: Lawrence** **# of Samples** 291

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.1		
P (ppm)	62		
K (ppm)	109	K (% Sat)	2.4
Mg (ppm)	144	Mg (% Sat)	6.0
Ca (ppm)	1,411	Ca (% Sat)	59.6
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2221
N (lb/A)	90
P2O5 (LB/A)	57
K20 (LB/A)	127
MGO (LB/a)	9

**COUNTY: Lebanon** **# of Samples** 248

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	103		
K (ppm)	203	K (% Sat)	4.1
Mg (ppm)	202	Mg (% Sat)	8.4
Ca (ppm)	1,705	Ca (% Sat)	65.9
CEC	12.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	885
N (lb/A)	76
P2O5 (LB/A)	39
K20 (LB/A)	75
MGO (LB/a)	4

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

Agronomic Samples

2009/2010

**COUNTY: Lehigh**

**# of Samples**

166

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	94		
K (ppm)	134	K (% Sat)	2.7
Mg (ppm)	220	Mg (% Sat)	9.8
Ca (ppm)	1,562	Ca (% Sat)	55.8
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1967
N (lb/A)	93
P2O5 (LB/A)	47
K20 (LB/A)	101
MGO (LB/a)	8

**COUNTY: Luzerne**

**# of Samples**

205

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.8		
P (ppm)	89		
K (ppm)	95	K (% Sat)	2.4
Mg (ppm)	140	Mg (% Sat)	2.7
Ca (ppm)	1,063	Ca (% Sat)	50.2
CEC	10.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2856
N (lb/A)	107
P2O5 (LB/A)	48
K20 (LB/A)	89
MGO (LB/a)	23

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

Agronomic Samples

2009/2010

**COUNTY: Lycoming** **# of Samples** 264

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	74		
K (ppm)	131	K (% Sat)	3.0
Mg (ppm)	156	Mg (% Sat)	1.6
Ca (ppm)	1,345	Ca (% Sat)	58.2
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2071
N (lb/A)	76
P2O5 (LB/A)	47
K20 (LB/A)	99
MGO (LB/a)	13

**COUNTY: McKean** **# of Samples** 35

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	50		
K (ppm)	149	K (% Sat)	2.7
Mg (ppm)	200	Mg (% Sat)	3.3
Ca (ppm)	1,983	Ca (% Sat)	68.1
CEC	14.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1114
N (lb/A)	71
P2O5 (LB/A)	48
K20 (LB/A)	121
MGO (LB/a)	10

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

Agronomic Samples

2009/2010

**COUNTY: Mercer** **# of Samples** 409

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	59		
K (ppm)	126	K (% Sat)	2.9
Mg (ppm)	204	Mg (% Sat)	3.2
Ca (ppm)	1,424	Ca (% Sat)	57.8
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1892
N (lb/A)	103
P2O5 (LB/A)	61
K20 (LB/A)	127
MGO (LB/a)	10

**COUNTY: Mifflin** **# of Samples** 25

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.1		
P (ppm)	102		
K (ppm)	168	K (% Sat)	3.3
Mg (ppm)	201	Mg (% Sat)	7.0
Ca (ppm)	2,274	Ca (% Sat)	74.2
CEC	13.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	760
N (lb/A)	40
P2O5 (LB/A)	77
K20 (LB/A)	61
MGO (LB/a)	11

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

Agronomic Samples

2009/2010

**COUNTY: Monroe**

**# of Samples**

22

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	143		
K (ppm)	117	K (% Sat)	2.6
Mg (ppm)	210	Mg (% Sat)	7.3
Ca (ppm)	1,427	Ca (% Sat)	59.8
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1659
N (lb/A)	100
P2O5 (LB/A)	43
K20 (LB/A)	94
MGO (LB/a)	13

**COUNTY: Montgomery**

**# of Samples**

152

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	73		
K (ppm)	130	K (% Sat)	2.5
Mg (ppm)	247	Mg (% Sat)	7.7
Ca (ppm)	1,639	Ca (% Sat)	56.6
CEC	13.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2138
N (lb/A)	67
P2O5 (LB/A)	51
K20 (LB/A)	91
MGO (LB/a)	12



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

Agronomic Samples

2009/2010

**COUNTY: Montour** **# of Samples** 242

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	84		
K (ppm)	147	K (% Sat)	3.5
Mg (ppm)	138	Mg (% Sat)	8.0
Ca (ppm)	1,390	Ca (% Sat)	61.2
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1618
N (lb/A)	93
P2O5 (LB/A)	42
K20 (LB/A)	113
MGO (LB/a)	16

**COUNTY: Northampton** **# of Samples** 69

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	69		
K (ppm)	133	K (% Sat)	2.9
Mg (ppm)	184	Mg (% Sat)	8.1
Ca (ppm)	1,734	Ca (% Sat)	58.9
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1761
N (lb/A)	101
P2O5 (LB/A)	45
K20 (LB/A)	86
MGO (LB/a)	26

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

Agronomic Samples

2009/2010

**COUNTY: Northumberland** **# of Samples** 480

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	98		
K (ppm)	133	K (% Sat)	2.9
Mg (ppm)	135	Mg (% Sat)	11.3
Ca (ppm)	1,617	Ca (% Sat)	68.3
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1004
N (lb/A)	101
P2O5 (LB/A)	40
K20 (LB/A)	76
MGO (LB/a)	4

**COUNTY: Perry** **# of Samples** 744

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.7		
Acidity (meq/100 g)	1.5		
P (ppm)	100		
K (ppm)	163	K (% Sat)	3.6
Mg (ppm)	204	Mg (% Sat)	10.5
Ca (ppm)	1,687	Ca (% Sat)	68.6
CEC	11.9		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	845
N (lb/A)	97
P2O5 (LB/A)	44
K20 (LB/A)	130
MGO (LB/a)	5

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

Agronomic Samples

2009/2010

**COUNTY: Philadelphia** **# of Samples** 10

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.5		
P (ppm)	21		
K (ppm)	107	K (% Sat)	2.3
Mg (ppm)	198	Mg (% Sat)	6.6
Ca (ppm)	992	Ca (% Sat)	38.5
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3700
N (lb/A)	70
P2O5 (LB/A)	15
K20 (LB/A)	10
MGO (LB/a)	0

**COUNTY: Pike** **# of Samples** 33

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	96		
K (ppm)	86	K (% Sat)	1.6
Mg (ppm)	337	Mg (% Sat)	3.3
Ca (ppm)	1,936	Ca (% Sat)	58.4
CEC	14.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1879
N (lb/A)	77
P2O5 (LB/A)	27
K20 (LB/A)	103
MGO (LB/a)	7

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

Agronomic Samples

2009/2010

**COUNTY: Potter** **# of Samples** 116

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.0		
P (ppm)	55		
K (ppm)	126	K (% Sat)	2.5
Mg (ppm)	192	Mg (% Sat)	10.9
Ca (ppm)	1,257	Ca (% Sat)	46.8
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3995
N (lb/A)	87
P2O5 (LB/A)	59
K20 (LB/A)	115
MGO (LB/a)	16

**COUNTY: Schuylkill** **# of Samples** 245

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	204		
K (ppm)	147	K (% Sat)	3.2
Mg (ppm)	153	Mg (% Sat)	6.5
Ca (ppm)	2,103	Ca (% Sat)	64.0
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1600
N (lb/A)	124
P2O5 (LB/A)	38
K20 (LB/A)	82
MGO (LB/a)	4

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

Agronomic Samples

2009/2010

**COUNTY: Snyder** **# of Samples** 148

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	139		
K (ppm)	196	K (% Sat)	3.9
Mg (ppm)	175	Mg (% Sat)	2.1
Ca (ppm)	1,673	Ca (% Sat)	65.3
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1257
N (lb/A)	89
P2O5 (LB/A)	46
K20 (LB/A)	104
MGO (LB/a)	22

**COUNTY: Somerset** **# of Samples** 301

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	51		
K (ppm)	145	K (% Sat)	2.8
Mg (ppm)	191	Mg (% Sat)	2.6
Ca (ppm)	1,672	Ca (% Sat)	59.0
CEC	13.8		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2693
N (lb/A)	105
P2O5 (LB/A)	68
K20 (LB/A)	115
MGO (LB/a)	8

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

Agronomic Samples

2009/2010

**COUNTY: Sullivan** **# of Samples** 21

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	53		
K (ppm)	98	K (% Sat)	2.3
Mg (ppm)	125	Mg (% Sat)	7.4
Ca (ppm)	1,215	Ca (% Sat)	55.5
CEC	10.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2648
N (lb/A)	53
P2O5 (LB/A)	61
K20 (LB/A)	83
MGO (LB/a)	49

**COUNTY: Susquehanna** **# of Samples** 382

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	58		
K (ppm)	116	K (% Sat)	2.4
Mg (ppm)	229	Mg (% Sat)	5.2
Ca (ppm)	1,251	Ca (% Sat)	49.1
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2665
N (lb/A)	95
P2O5 (LB/A)	49
K20 (LB/A)	120
MGO (LB/a)	12

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

Agronomic Samples

2009/2010

**COUNTY: Tioga** **# of Samples** 526

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	76		
K (ppm)	178	K (% Sat)	2.7
Mg (ppm)	244	Mg (% Sat)	4.8
Ca (ppm)	1,640	Ca (% Sat)	57.2
CEC	14.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2213
N (lb/A)	71
P2O5 (LB/A)	44
K20 (LB/A)	97
MGO (LB/a)	7

**COUNTY: Union** **# of Samples** 376

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	95		
K (ppm)	135	K (% Sat)	3.0
Mg (ppm)	162	Mg (% Sat)	7.2
Ca (ppm)	1,585	Ca (% Sat)	64.8
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1640
N (lb/A)	102
P2O5 (LB/A)	56
K20 (LB/A)	118
MGO (LB/a)	5

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

Agronomic Samples

2009/2010

**COUNTY: Venango** **# of Samples** 103

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.3		
P (ppm)	38		
K (ppm)	102	K (% Sat)	2.5
Mg (ppm)	126	Mg (% Sat)	3.8
Ca (ppm)	1,243	Ca (% Sat)	56.1
CEC	10.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2540
N (lb/A)	81
P2O5 (LB/A)	64
K20 (LB/A)	109
MGO (LB/a)	15

**COUNTY: Warren** **# of Samples** 62

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.7		
P (ppm)	53		
K (ppm)	108	K (% Sat)	2.3
Mg (ppm)	157	Mg (% Sat)	3.3
Ca (ppm)	1,260	Ca (% Sat)	53.2
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2565
N (lb/A)	101
P2O5 (LB/A)	75
K20 (LB/A)	124
MGO (LB/a)	21



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

Agronomic Samples

2009/2010

**COUNTY: WASHINGTON**

**# of Samples**

266

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	37		
K (ppm)	149	K (% Sat)	2.6
Mg (ppm)	254	Mg (% Sat)	9.1
Ca (ppm)	1,892	Ca (% Sat)	58.1
CEC	14.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2474
N (lb/A)	104
P2O5 (LB/A)	68
K20 (LB/A)	122
MGO (LB/a)	17

**COUNTY: Wayne**

**# of Samples**

94

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.2		
P (ppm)	81		
K (ppm)	87	K (% Sat)	2.0
Mg (ppm)	162	Mg (% Sat)	7.4
Ca (ppm)	1,146	Ca (% Sat)	47.4
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3090
N (lb/A)	130
P2O5 (LB/A)	66
K20 (LB/A)	156
MGO (LB/a)	37

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

Agronomic Samples

2009/2010

**COUNTY:**      **Westmoreland** **# of Samples**      418

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	61		
K (ppm)	144	K (% Sat)	2.7
Mg (ppm)	211	Mg (% Sat)	3.9
Ca (ppm)	1,794	Ca (% Sat)	59.6
CEC	13.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2323
N (lb/A)	97
P2O5 (LB/A)	68
K20 (LB/A)	111
MGO (LB/a)	10

**COUNTY:**      **Wyoming** **# of Samples**      281

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	103		
K (ppm)	118	K (% Sat)	2.7
Mg (ppm)	187	Mg (% Sat)	2.0
Ca (ppm)	1,265	Ca (% Sat)	55.1
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1719
N (lb/A)	118
P2O5 (LB/A)	42
K20 (LB/A)	137
MGO (LB/a)	19

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

Agronomic Samples

2009/2010

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<b>COUNTY:</b>	<b>York</b>	<b># of Samples</b>	354
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.9		
P (ppm)	83		
K (ppm)	169	K (% Sat)	3.9
Mg (ppm)	173	Mg (% Sat)	2.8
Ca (ppm)	1,422	Ca (% Sat)	56.6
CEC	11.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2056
N (lb/A)	129
P2O5 (LB/A)	62
K20 (LB/A)	89
MGO (LB/a)	4