

**SUMMARY REPORT  
SOIL TEST RESULTS AND RECOMMENDATIONS**

**Agronomic Samples**

**2007-2008**

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**# of Samples**            19,578

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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)	3.4		
P (ppm)	82		
K (ppm)	144	K (% Sat)	3.0
Mg (ppm)	175	Mg (% Sat)	11.9
Ca (ppm)	1,481	Ca (% Sat)	57.2
CEC	12.3		

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**SOIL TEST RECOMMENDATIONS**

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<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2308
N (lb/A)	100
P2O5 (LB/A)	59
K20 (LB/A)	112
MGO (LB/a)	13

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

Agronomic Samples

2007-2008

**COUNTY: Adams** **# of Samples** 89

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	80		
K (ppm)	173	K (% Sat)	3.3
Mg (ppm)	206	Mg (% Sat)	11.7
Ca (ppm)	1,526	Ca (% Sat)	57.3
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2022
N (lb/A)	122
P2O5 (LB/A)	55
K20 (LB/A)	119
MGO (LB/a)	21

**COUNTY: Allegheny** **# of Samples** 114

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.8		
P (ppm)	34		
K (ppm)	127	K (% Sat)	2.4
Mg (ppm)	199	Mg (% Sat)	25.1
Ca (ppm)	1,653	Ca (% Sat)	50.4
CEC	14.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3684
N (lb/A)	79
P2O5 (LB/A)	78
K20 (LB/A)	79
MGO (LB/a)	25

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

Agronomic Samples

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**COUNTY: Armstrong**

**# of Samples**

192

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	67		
K (ppm)	124	K (% Sat)	2.4
Mg (ppm)	155	Mg (% Sat)	5.1
Ca (ppm)	1,677	Ca (% Sat)	58.9
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2409
N (lb/A)	113
P2O5 (LB/A)	77
K20 (LB/A)	137
MGO (LB/a)	31

**COUNTY: Beaver**

**# of Samples**

110

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.0		
P (ppm)	45		
K (ppm)	118	K (% Sat)	2.5
Mg (ppm)	121	Mg (% Sat)	8.6
Ca (ppm)	1,228	Ca (% Sat)	48.9
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3968
N (lb/A)	86
P2O5 (LB/A)	69
K20 (LB/A)	100
MGO (LB/a)	27

**SUMMARY REPORT  
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**COUNTY: Bedford**

**# of Samples**

349

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	70		
K (ppm)	145	K (% Sat)	3.4
Mg (ppm)	147	Mg (% Sat)	9.6
Ca (ppm)	1,441	Ca (% Sat)	62.4
CEC	11.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1686
N (lb/A)	135
P2O5 (LB/A)	55
K20 (LB/A)	105
MGO (LB/a)	17

**COUNTY: Berks**

**# of Samples**

413

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	110		
K (ppm)	151	K (% Sat)	3.1
Mg (ppm)	185	Mg (% Sat)	9.8
Ca (ppm)	1,520	Ca (% Sat)	59.9
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1620
N (lb/A)	91
P2O5 (LB/A)	57
K20 (LB/A)	84
MGO (LB/a)	9

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

Agronomic Samples

2007-2008

**COUNTY: Blair** **# of Samples** 332

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	67		
K (ppm)	166	K (% Sat)	3.8
Mg (ppm)	214	Mg (% Sat)	3.3
Ca (ppm)	1,464	Ca (% Sat)	61.0
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1863
N (lb/A)	92
P2O5 (LB/A)	68
K20 (LB/A)	137
MGO (LB/a)	6

**COUNTY: Bradford** **# of Samples** 1,522

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	77		
K (ppm)	145	K (% Sat)	2.9
Mg (ppm)	199	Mg (% Sat)	3.8
Ca (ppm)	1,387	Ca (% Sat)	53.0
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2808
N (lb/A)	108
P2O5 (LB/A)	46
K20 (LB/A)	132
MGO (LB/a)	11

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

Agronomic Samples

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**COUNTY: Bucks** **# of Samples** 166

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	60		
K (ppm)	133	K (% Sat)	2.9
Mg (ppm)	245	Mg (% Sat)	4.0
Ca (ppm)	1,155	Ca (% Sat)	48.5
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1949
N (lb/A)	98
P2O5 (LB/A)	61
K20 (LB/A)	103
MGO (LB/a)	8

**COUNTY: Butler** **# of Samples** 402

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	39		
K (ppm)	113	K (% Sat)	2.6
Mg (ppm)	115	Mg (% Sat)	10.2
Ca (ppm)	1,394	Ca (% Sat)	61.2
CEC	11.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2198
N (lb/A)	82
P2O5 (LB/A)	67
K20 (LB/A)	124
MGO (LB/a)	26

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

Agronomic Samples

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**COUNTY: Cambria** **# of Samples** 353

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.5		
P (ppm)	51		
K (ppm)	144	K (% Sat)	2.7
Mg (ppm)	210	Mg (% Sat)	3.2
Ca (ppm)	1,429	Ca (% Sat)	52.2
CEC	13.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3625
N (lb/A)	75
P2O5 (LB/A)	64
K20 (LB/A)	101
MGO (LB/a)	6

**COUNTY: Cameron** **# of Samples** 7

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.2		
P (ppm)	27		
K (ppm)	137	K (% Sat)	2.6
Mg (ppm)	154	Mg (% Sat)	3.8
Ca (ppm)	1,357	Ca (% Sat)	51.6
CEC	13.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4286
N (lb/A)	54
P2O5 (LB/A)	77
K20 (LB/A)	58
MGO (LB/a)	12

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

Agronomic Samples

2007-2008

**COUNTY: Carbon** **# of Samples** 31

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.9		
P (ppm)	61		
K (ppm)	98	K (% Sat)	2.3
Mg (ppm)	153	Mg (% Sat)	1.3
Ca (ppm)	1,450	Ca (% Sat)	58.3
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3274
N (lb/A)	73
P2O5 (LB/A)	80
K20 (LB/A)	177
MGO (LB/a)	23

**COUNTY: Centre** **# of Samples** 2,410

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	110		
K (ppm)	159	K (% Sat)	3.1
Mg (ppm)	193	Mg (% Sat)	23.2
Ca (ppm)	1,831	Ca (% Sat)	61.9
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1892
N (lb/A)	97
P2O5 (LB/A)	51
K20 (LB/A)	105
MGO (LB/a)	10



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Agronomic Samples

2007-2008

**COUNTY: Chester** **# of Samples** 218

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	66		
K (ppm)	151	K (% Sat)	3.2
Mg (ppm)	213	Mg (% Sat)	17.2
Ca (ppm)	1,370	Ca (% Sat)	55.7
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1677
N (lb/A)	132
P2O5 (LB/A)	73
K20 (LB/A)	126
MGO (LB/a)	17

**COUNTY: Clarion** **# of Samples** 212

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.5		
P (ppm)	98		
K (ppm)	81	K (% Sat)	1.7
Mg (ppm)	115	Mg (% Sat)	2.1
Ca (ppm)	2,174	Ca (% Sat)	62.2
CEC	12.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2432
N (lb/A)	98
P2O5 (LB/A)	88
K20 (LB/A)	129
MGO (LB/a)	22

**SUMMARY REPORT  
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Agronomic Samples

2007-2008

**COUNTY: Clearfield** **# of Samples** 309

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	62		
K (ppm)	153	K (% Sat)	2.9
Mg (ppm)	123	Mg (% Sat)	7.5
Ca (ppm)	1,601	Ca (% Sat)	57.6
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2885
N (lb/A)	79
P2O5 (LB/A)	72
K20 (LB/A)	117
MGO (LB/a)	25

**COUNTY: Clinton** **# of Samples** 199

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	59		
K (ppm)	157	K (% Sat)	3.5
Mg (ppm)	160	Mg (% Sat)	6.0
Ca (ppm)	1,557	Ca (% Sat)	63.4
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1621
N (lb/A)	103
P2O5 (LB/A)	63
K20 (LB/A)	109
MGO (LB/a)	16

**SUMMARY REPORT  
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Agronomic Samples

2007-2008

**COUNTY: Columbia** **# of Samples** 515

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	88		
K (ppm)	135	K (% Sat)	3.3
Mg (ppm)	142	Mg (% Sat)	6.9
Ca (ppm)	1,135	Ca (% Sat)	53.6
CEC	10.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2235
N (lb/A)	105
P2O5 (LB/A)	45
K20 (LB/A)	105
MGO (LB/a)	12

**COUNTY: Crawford** **# of Samples** 404

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.8		
P (ppm)	47		
K (ppm)	114	K (% Sat)	2.5
Mg (ppm)	176	Mg (% Sat)	4.8
Ca (ppm)	1,273	Ca (% Sat)	52.5
CEC	11.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2644
N (lb/A)	95
P2O5 (LB/A)	48
K20 (LB/A)	108
MGO (LB/a)	12

**SUMMARY REPORT  
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Agronomic Samples

2007-2008

**COUNTY: Cumberland** **# of Samples** 392

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	91		
K (ppm)	140	K (% Sat)	3.1
Mg (ppm)	174	Mg (% Sat)	9.1
Ca (ppm)	1,694	Ca (% Sat)	63.4
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1523
N (lb/A)	122
P2O5 (LB/A)	64
K20 (LB/A)	110
MGO (LB/a)	12

**COUNTY: DAUPHIN** **# of Samples** 392

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	117		
K (ppm)	167	K (% Sat)	3.5
Mg (ppm)	155	Mg (% Sat)	10.7
Ca (ppm)	1,441	Ca (% Sat)	60.1
CEC	11.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1719
N (lb/A)	90
P2O5 (LB/A)	55
K20 (LB/A)	103
MGO (LB/a)	21

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Agronomic Samples

2007-2008

**COUNTY: Delaware**

**# of Samples**

366

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.0		
P (ppm)	181		
K (ppm)	124	K (% Sat)	2.6
Mg (ppm)	202	Mg (% Sat)	14.5
Ca (ppm)	1,496	Ca (% Sat)	58.9
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1634
N (lb/A)	130
P2O5 (LB/A)	39
K20 (LB/A)	90
MGO (LB/a)	1

**COUNTY: Elk**

**# of Samples**

48

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.7		
P (ppm)	19		
K (ppm)	94	K (% Sat)	1.9
Mg (ppm)	113	Mg (% Sat)	4.5
Ca (ppm)	1,415	Ca (% Sat)	50.1
CEC	13.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5004
N (lb/A)	76
P2O5 (LB/A)	107
K20 (LB/A)	162
MGO (LB/a)	30

**SUMMARY REPORT  
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Agronomic Samples

2007-2008

**COUNTY: Erie** **# of Samples** 306

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.6		
P (ppm)	53		
K (ppm)	126	K (% Sat)	2.6
Mg (ppm)	166	Mg (% Sat)	3.1
Ca (ppm)	1,213	Ca (% Sat)	48.8
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3011
N (lb/A)	95
P2O5 (LB/A)	60
K20 (LB/A)	92
MGO (LB/a)	6

**COUNTY: Fayette** **# of Samples** 221

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.4		
P (ppm)	51		
K (ppm)	143	K (% Sat)	2.7
Mg (ppm)	179	Mg (% Sat)	12.7
Ca (ppm)	1,546	Ca (% Sat)	53.8
CEC	13.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3292
N (lb/A)	87
P2O5 (LB/A)	61
K20 (LB/A)	90
MGO (LB/a)	16

**SUMMARY REPORT  
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Agronomic Samples

2007-2008

**COUNTY: Forest** **# of Samples** 22

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.8		
P (ppm)	43		
K (ppm)	99	K (% Sat)	2.4
Mg (ppm)	58	Mg (% Sat)	4.7
Ca (ppm)	1,031	Ca (% Sat)	48.3
CEC	10.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3841
N (lb/A)	106
P2O5 (LB/A)	53
K20 (LB/A)	94
MGO (LB/a)	49

**COUNTY: Franklin** **# of Samples** 262

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	87		
K (ppm)	197	K (% Sat)	4.2
Mg (ppm)	199	Mg (% Sat)	7.1
Ca (ppm)	1,622	Ca (% Sat)	65.2
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1418
N (lb/A)	106
P2O5 (LB/A)	50
K20 (LB/A)	92
MGO (LB/a)	10

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Agronomic Samples

2007-2008

**COUNTY:     Fulton** **# of Samples**                   111

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	88		
K (ppm)	176	K (% Sat)	3.7
Mg (ppm)	179	Mg (% Sat)	9.3
Ca (ppm)	1,283	Ca (% Sat)	54.8
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2257
N (lb/A)	118
P2O5 (LB/A)	55
K20 (LB/A)	137
MGO (LB/a)	14

**COUNTY:     Greene** **# of Samples**                   79

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.5		
P (ppm)	29		
K (ppm)	116	K (% Sat)	2.2
Mg (ppm)	164	Mg (% Sat)	6.7
Ca (ppm)	1,284	Ca (% Sat)	46.3
CEC	13.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4682
N (lb/A)	106
P2O5 (LB/A)	70
K20 (LB/A)	172
MGO (LB/a)	22



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2007-2008

**COUNTY:     Huntingdon** **# of Samples**                   146

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	72		
K (ppm)	160	K (% Sat)	3.3
Mg (ppm)	174	Mg (% Sat)	6.8
Ca (ppm)	1,820	Ca (% Sat)	63.3
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1551
N (lb/A)	95
P2O5 (LB/A)	64
K20 (LB/A)	111
MGO (LB/a)	15

**COUNTY:     Indiana** **# of Samples**                   286

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.1		
P (ppm)	41		
K (ppm)	125	K (% Sat)	2.5
Mg (ppm)	154	Mg (% Sat)	4.5
Ca (ppm)	1,550	Ca (% Sat)	54.7
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3230
N (lb/A)	99
P2O5 (LB/A)	75
K20 (LB/A)	115
MGO (LB/a)	14

**SUMMARY REPORT**  
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Agronomic Samples

2007-2008

**COUNTY: Jefferson** **# of Samples** 315

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	41		
K (ppm)	125	K (% Sat)	2.5
Mg (ppm)	167	Mg (% Sat)	3.3
Ca (ppm)	1,663	Ca (% Sat)	59.7
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2879
N (lb/A)	73
P2O5 (LB/A)	77
K20 (LB/A)	128
MGO (LB/a)	8

**COUNTY: Juniata** **# of Samples** 348

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	121		
K (ppm)	186	K (% Sat)	4.2
Mg (ppm)	162	Mg (% Sat)	5.5
Ca (ppm)	1,502	Ca (% Sat)	64.6
CEC	11.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1270
N (lb/A)	107
P2O5 (LB/A)	47
K20 (LB/A)	117
MGO (LB/a)	17

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2007-2008

**COUNTY: Lackawanna** **# of Samples** 238

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	126		
K (ppm)	122	K (% Sat)	3.0
Mg (ppm)	151	Mg (% Sat)	2.2
Ca (ppm)	1,296	Ca (% Sat)	60.1
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1532
N (lb/A)	129
P2O5 (LB/A)	42
K20 (LB/A)	88
MGO (LB/a)	11

**COUNTY: Lancaster** **# of Samples** 388

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	108		
K (ppm)	169	K (% Sat)	3.5
Mg (ppm)	192	Mg (% Sat)	2.3
Ca (ppm)	1,781	Ca (% Sat)	62.3
CEC	12.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1678
N (lb/A)	109
P2O5 (LB/A)	49
K20 (LB/A)	102
MGO (LB/a)	8

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

Agronomic Samples

2007-2008

**COUNTY: Lawrence** **# of Samples** 165

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	53		
K (ppm)	124	K (% Sat)	2.7
Mg (ppm)	136	Mg (% Sat)	4.4
Ca (ppm)	1,353	Ca (% Sat)	57.2
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2676
N (lb/A)	98
P2O5 (LB/A)	54
K20 (LB/A)	119
MGO (LB/a)	11

**COUNTY: Lebanon** **# of Samples** 539

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	113		
K (ppm)	183	K (% Sat)	4.1
Mg (ppm)	192	Mg (% Sat)	8.0
Ca (ppm)	1,507	Ca (% Sat)	64.0
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1076
N (lb/A)	95
P2O5 (LB/A)	48
K20 (LB/A)	101
MGO (LB/a)	8

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

Agronomic Samples

2007-2008

**COUNTY: Lehigh**

**# of Samples**

156

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.6		
P (ppm)	68		
K (ppm)	141	K (% Sat)	3.1
Mg (ppm)	174	Mg (% Sat)	10.7
Ca (ppm)	1,169	Ca (% Sat)	47.2
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3067
N (lb/A)	76
P2O5 (LB/A)	49
K20 (LB/A)	88
MGO (LB/a)	30

**COUNTY: Luzerne**

**# of Samples**

162

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	76		
K (ppm)	101	K (% Sat)	2.4
Mg (ppm)	130	Mg (% Sat)	8.9
Ca (ppm)	1,176	Ca (% Sat)	51.9
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3373
N (lb/A)	91
P2O5 (LB/A)	44
K20 (LB/A)	98
MGO (LB/a)	18

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

Agronomic Samples

2007-2008

**COUNTY: Lycoming** **# of Samples** 484

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	76		
K (ppm)	128	K (% Sat)	2.9
Mg (ppm)	138	Mg (% Sat)	10.0
Ca (ppm)	1,279	Ca (% Sat)	53.3
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2810
N (lb/A)	80
P2O5 (LB/A)	48
K20 (LB/A)	92
MGO (LB/a)	16

**COUNTY: McKean** **# of Samples** 46

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	6.3		
P (ppm)	37		
K (ppm)	95	K (% Sat)	1.9
Mg (ppm)	95	Mg (% Sat)	3.6
Ca (ppm)	1,070	Ca (% Sat)	42.3
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5087
N (lb/A)	26
P2O5 (LB/A)	108
K20 (LB/A)	123
MGO (LB/a)	85

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

Agronomic Samples

2007-2008

**COUNTY: Mercer** **# of Samples** 380

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	52		
K (ppm)	107	K (% Sat)	2.6
Mg (ppm)	156	Mg (% Sat)	7.5
Ca (ppm)	1,152	Ca (% Sat)	53.7
CEC	10.7		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2200
N (lb/A)	100
P2O5 (LB/A)	55
K20 (LB/A)	109
MGO (LB/a)	12

**COUNTY: Mifflin** **# of Samples** 47

**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)	99		
K (ppm)	164	K (% Sat)	3.6
Mg (ppm)	167	Mg (% Sat)	2.0
Ca (ppm)	1,408	Ca (% Sat)	60.5
CEC	11.9		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1936
N (lb/A)	93
P2O5 (LB/A)	69
K20 (LB/A)	102
MGO (LB/a)	18

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

Agronomic Samples

2007-2008

**COUNTY: Monroe** **# of Samples** 36

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	66		
K (ppm)	77	K (% Sat)	1.8
Mg (ppm)	185	Mg (% Sat)	3.9
Ca (ppm)	1,099	Ca (% Sat)	46.9
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2333
N (lb/A)	97
P2O5 (LB/A)	50
K20 (LB/A)	167
MGO (LB/a)	33

**COUNTY: Montgomery** **# of Samples** 162

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.0		
P (ppm)	68		
K (ppm)	141	K (% Sat)	2.8
Mg (ppm)	226	Mg (% Sat)	4.2
Ca (ppm)	1,297	Ca (% Sat)	52.0
CEC	12.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1729
N (lb/A)	57
P2O5 (LB/A)	53
K20 (LB/A)	92
MGO (LB/a)	11



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

Agronomic Samples

2007-2008

**COUNTY: Montour** **# of Samples** 111

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	87		
K (ppm)	149	<b>K (% Sat)</b>	3.4
Mg (ppm)	138	<b>Mg (% Sat)</b>	5.3
Ca (ppm)	1,368	<b>Ca (% Sat)</b>	58.1
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1901
N (lb/A)	66
P2O5 (LB/A)	38
K20 (LB/A)	111
MGO (LB/a)	22

**COUNTY: Northampton** **# of Samples** 96

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.2		
Acidity (meq/100 g)	4.4		
P (ppm)	52		
K (ppm)	118	<b>K (% Sat)</b>	2.7
Mg (ppm)	143	<b>Mg (% Sat)</b>	3.4
Ca (ppm)	1,159	<b>Ca (% Sat)</b>	48.7
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2625
N (lb/A)	66
P2O5 (LB/A)	51
K20 (LB/A)	95
MGO (LB/a)	15

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

Agronomic Samples

2007-2008

**COUNTY: Northumberland** **# of Samples** 445

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	89		
K (ppm)	141	K (% Sat)	3.3
Mg (ppm)	126	Mg (% Sat)	7.6
Ca (ppm)	1,394	Ca (% Sat)	63.5
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1278
N (lb/A)	97
P2O5 (LB/A)	39
K20 (LB/A)	81
MGO (LB/a)	7

**COUNTY: Perry** **# of Samples** 773

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	89		
K (ppm)	185	K (% Sat)	4.1
Mg (ppm)	190	Mg (% Sat)	7.8
Ca (ppm)	1,413	Ca (% Sat)	61.1
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1453
N (lb/A)	94
P2O5 (LB/A)	50
K20 (LB/A)	113
MGO (LB/a)	8

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

Agronomic Samples

2007-2008

**COUNTY: Philadelphia** **# of Samples** 8

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	77		
K (ppm)	108	K (% Sat)	2.1
Mg (ppm)	258	Mg (% Sat)	2.6
Ca (ppm)	1,391	Ca (% Sat)	50.2
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1750
N (lb/A)	86
P2O5 (LB/A)	66
K20 (LB/A)	86
MGO (LB/a)	23

**COUNTY: Pike** **# of Samples** 15

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	77		
K (ppm)	96	K (% Sat)	2.1
Mg (ppm)	320	Mg (% Sat)	7.3
Ca (ppm)	1,496	Ca (% Sat)	51.4
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	28
P2O5 (LB/A)	51
K20 (LB/A)	119
MGO (LB/a)	47

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

Agronomic Samples

2007-2008

**COUNTY: Potter** **# of Samples** 178

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.5		
P (ppm)	70		
K (ppm)	155	K (% Sat)	2.9
Mg (ppm)	211	Mg (% Sat)	15.8
Ca (ppm)	1,419	Ca (% Sat)	50.3
CEC	13.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3691
N (lb/A)	108
P2O5 (LB/A)	69
K20 (LB/A)	134
MGO (LB/a)	13

**COUNTY: Schuylkill** **# of Samples** 295

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	123		
K (ppm)	133	K (% Sat)	2.9
Mg (ppm)	148	Mg (% Sat)	4.2
Ca (ppm)	1,380	Ca (% Sat)	56.8
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2390
N (lb/A)	105
P2O5 (LB/A)	53
K20 (LB/A)	102
MGO (LB/a)	12

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

Agronomic Samples

2007-2008

**COUNTY: Snyder** **# of Samples** 198

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	148		
K (ppm)	212	K (% Sat)	4.3
Mg (ppm)	164	Mg (% Sat)	11.5
Ca (ppm)	1,579	Ca (% Sat)	62.4
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1606
N (lb/A)	107
P2O5 (LB/A)	53
K20 (LB/A)	113
MGO (LB/a)	17

**COUNTY: Somerset** **# of Samples** 204

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.7		
P (ppm)	47		
K (ppm)	135	K (% Sat)	2.6
Mg (ppm)	161	Mg (% Sat)	3.6
Ca (ppm)	1,449	Ca (% Sat)	53.0
CEC	13.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3817
N (lb/A)	106
P2O5 (LB/A)	80
K20 (LB/A)	132
MGO (LB/a)	25

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

Agronomic Samples

2007-2008

<b>COUNTY:</b>	<b>Sullivan</b>	<b># of Samples</b>	62
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.7		
P (ppm)	43		
K (ppm)	129	K (% Sat)	2.4
Mg (ppm)	165	Mg (% Sat)	3.2
Ca (ppm)	1,314	Ca (% Sat)	50.9
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3250
N (lb/A)	60
P2O5 (LB/A)	82
K20 (LB/A)	101
MGO (LB/a)	21

<b>COUNTY:</b>	<b>Susquehanna</b>	<b># of Samples</b>	294
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.5		
P (ppm)	66		
K (ppm)	123	K (% Sat)	2.4
Mg (ppm)	211	Mg (% Sat)	3.5
Ca (ppm)	1,073	Ca (% Sat)	41.4
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3959
N (lb/A)	93
P2O5 (LB/A)	65
K20 (LB/A)	131
MGO (LB/a)	8

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

Agronomic Samples

2007-2008

**COUNTY: Tioga** **# of Samples** 436

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.9		
P (ppm)	55		
K (ppm)	124	K (% Sat)	2.4
Mg (ppm)	187	Mg (% Sat)	8.1
Ca (ppm)	1,376	Ca (% Sat)	50.1
CEC	13.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3614
N (lb/A)	87
P2O5 (LB/A)	54
K20 (LB/A)	118
MGO (LB/a)	9

**COUNTY: Union** **# of Samples** 219

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	108		
K (ppm)	157	K (% Sat)	3.5
Mg (ppm)	156	Mg (% Sat)	12.2
Ca (ppm)	1,499	Ca (% Sat)	61.5
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1790
N (lb/A)	98
P2O5 (LB/A)	51
K20 (LB/A)	98
MGO (LB/a)	6

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

Agronomic Samples

2007-2008

**COUNTY: Venango**

**# of Samples**

71

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	40		
K (ppm)	118	K (% Sat)	2.5
Mg (ppm)	124	Mg (% Sat)	3.9
Ca (ppm)	1,290	Ca (% Sat)	52.8
CEC	11.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3120
N (lb/A)	119
P2O5 (LB/A)	78
K20 (LB/A)	122
MGO (LB/a)	34

**COUNTY: Warren**

**# of Samples**

128

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	65		
K (ppm)	127	K (% Sat)	2.6
Mg (ppm)	185	Mg (% Sat)	11.0
Ca (ppm)	1,314	Ca (% Sat)	51.8
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2773
N (lb/A)	102
P2O5 (LB/A)	66
K20 (LB/A)	120
MGO (LB/a)	9



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

Agronomic Samples

2007-2008

**COUNTY: Washington** **# of Samples** 362

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.5		
P (ppm)	34		
K (ppm)	135	K (% Sat)	2.4
Mg (ppm)	195	Mg (% Sat)	9.5
Ca (ppm)	1,668	Ca (% Sat)	53.8
CEC	14.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3623
N (lb/A)	95
P2O5 (LB/A)	69
K20 (LB/A)	112
MGO (LB/a)	12

**COUNTY: Wayne** **# of Samples** 141

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.5		
P (ppm)	96		
K (ppm)	106	K (% Sat)	2.1
Mg (ppm)	146	Mg (% Sat)	3.5
Ca (ppm)	1,157	Ca (% Sat)	44.5
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4011
N (lb/A)	130
P2O5 (LB/A)	64
K20 (LB/A)	171
MGO (LB/a)	21

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

Agronomic Samples

2007-2008

**COUNTY: Westmoreland** **# of Samples** 389

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	51		
K (ppm)	154	K (% Sat)	2.9
Mg (ppm)	197	Mg (% Sat)	3.7
Ca (ppm)	1,895	Ca (% Sat)	59.3
CEC	13.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2256
N (lb/A)	101
P2O5 (LB/A)	73
K20 (LB/A)	108
MGO (LB/a)	12

**COUNTY: Wyoming** **# of Samples** 397

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.8		
P (ppm)	94		
K (ppm)	95	K (% Sat)	2.1
Mg (ppm)	176	Mg (% Sat)	9.1
Ca (ppm)	1,236	Ca (% Sat)	52.2
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2259
N (lb/A)	132
P2O5 (LB/A)	41
K20 (LB/A)	146
MGO (LB/a)	7

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

Agronomic Samples

2007-2008

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<b>COUNTY:</b>	<b>York</b>	<b># of Samples</b>	312
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	66		
K (ppm)	145	K (% Sat)	3.4
Mg (ppm)	165	Mg (% Sat)	7.7
Ca (ppm)	1,268	Ca (% Sat)	55.5
CEC	11.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1755
N (lb/A)	114
P2O5 (LB/A)	59
K20 (LB/A)	83
MGO (LB/a)	19