

**SUMMARY REPORT  
SOIL TEST RESULTS AND RECOMMENDATIONS**

**Agronomic Samples**

**2008-2009**

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**# of Samples**            20,014

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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)	2.9		
P (ppm)	80		
K (ppm)	148	K (% Sat)	3.0
Mg (ppm)	180	Mg (% Sat)	12.0
Ca (ppm)	1,651	Ca (% Sat)	61.2
CEC	12.5		

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**SOIL TEST RECOMMENDATIONS**

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<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1938
N (lb/A)	99
P2O5 (LB/A)	60
K2O (LB/A)	109
MGO (LB/a)	10

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

Agronomic Samples

2008-2009

**COUNTY: Adams**

**# of Samples**

95

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	84		
K (ppm)	124	K (% Sat)	2.4
Mg (ppm)	201	Mg (% Sat)	10.6
Ca (ppm)	1,440	Ca (% Sat)	56.5
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2679
N (lb/A)	120
P2O5 (LB/A)	64
K2O (LB/A)	140
MGO (LB/a)	15

**COUNTY: Allegheny**

**# of Samples**

208

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	28		
K (ppm)	134	K (% Sat)	2.3
Mg (ppm)	215	Mg (% Sat)	8.8
Ca (ppm)	3,419	Ca (% Sat)	65.5
CEC	14.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1901
N (lb/A)	96
P2O5 (LB/A)	81
K2O (LB/A)	111
MGO (LB/a)	22

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

Agronomic Samples

2008-2009

**COUNTY: ARMSTRONG**

**# of Samples**

177

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	48		
K (ppm)	136	K (% Sat)	2.6
Mg (ppm)	180	Mg (% Sat)	6.1
Ca (ppm)	1,986	Ca (% Sat)	57.6
CEC	13.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2469
N (lb/A)	85
P2O5 (LB/A)	69
K20 (LB/A)	110
MGO (LB/a)	27

**COUNTY: Beaver**

**# of Samples**

53

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	40		
K (ppm)	73	K (% Sat)	1.7
Mg (ppm)	161	Mg (% Sat)	4.3
Ca (ppm)	1,254	Ca (% Sat)	54.8
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2755
N (lb/A)	77
P2O5 (LB/A)	80
K20 (LB/A)	154
MGO (LB/a)	35

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

Agronomic Samples

2008-2009

**COUNTY: Bedford** **# of Samples** 197

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	65		
K (ppm)	138	K (% Sat)	2.9
Mg (ppm)	165	Mg (% Sat)	4.8
Ca (ppm)	1,610	Ca (% Sat)	62.1
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2010
N (lb/A)	111
P2O5 (LB/A)	63
K20 (LB/A)	121
MGO (LB/a)	18

**COUNTY: Berks** **# of Samples** 919

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	114		
K (ppm)	175	K (% Sat)	3.5
Mg (ppm)	229	Mg (% Sat)	6.9
Ca (ppm)	1,617	Ca (% Sat)	59.7
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1285
N (lb/A)	105
P2O5 (LB/A)	55
K20 (LB/A)	87
MGO (LB/a)	3

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

Agronomic Samples

2008-2009

**COUNTY: Blair** **# of Samples** 556

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	90		
K (ppm)	222	<b>K (% Sat)</b>	4.7
Mg (ppm)	262	<b>Mg (% Sat)</b>	2.0
Ca (ppm)	1,603	<b>Ca (% Sat)</b>	63.3
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1295
N (lb/A)	103
P2O5 (LB/A)	67
K20 (LB/A)	129
MGO (LB/a)	7

**COUNTY: Bradford** **# of Samples** 895

**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)	83		
K (ppm)	154	<b>K (% Sat)</b>	3.0
Mg (ppm)	221	<b>Mg (% Sat)</b>	11.1
Ca (ppm)	1,643	<b>Ca (% Sat)</b>	59.8
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2051
N (lb/A)	76
P2O5 (LB/A)	40
K20 (LB/A)	102
MGO (LB/a)	4

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

Agronomic Samples

2008-2009

**COUNTY: Bucks** **# of Samples** 185

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	80		
K (ppm)	160	K (% Sat)	3.3
Mg (ppm)	243	Mg (% Sat)	7.3
Ca (ppm)	1,311	Ca (% Sat)	54.3
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1557
N (lb/A)	116
P2O5 (LB/A)	67
K20 (LB/A)	106
MGO (LB/a)	8

**COUNTY: Butler** **# of Samples** 656

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	55		
K (ppm)	127	K (% Sat)	2.7
Mg (ppm)	139	Mg (% Sat)	2.8
Ca (ppm)	1,608	Ca (% Sat)	65.4
CEC	12.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1727
N (lb/A)	105
P2O5 (LB/A)	61
K20 (LB/A)	105
MGO (LB/a)	15

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

Agronomic Samples

2008-2009

**COUNTY: Cambria** **# of Samples** 275

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	48		
K (ppm)	144	K (% Sat)	2.7
Mg (ppm)	222	Mg (% Sat)	8.4
Ca (ppm)	1,637	Ca (% Sat)	58.9
CEC	13.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2129
N (lb/A)	67
P2O5 (LB/A)	64
K20 (LB/A)	109
MGO (LB/a)	5

**COUNTY: Cameron** **# of Samples** 23

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	5.9		
P (ppm)	18		
K (ppm)	72	K (% Sat)	1.4
Mg (ppm)	79	Mg (% Sat)	2.1
Ca (ppm)	1,205	Ca (% Sat)	44.7
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4674
N (lb/A)	48
P2O5 (LB/A)	91
K20 (LB/A)	114
MGO (LB/a)	50

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

Agronomic Samples

2008-2009

**COUNTY: Carbon** **# of Samples** 33

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	112		
K (ppm)	98	K (% Sat)	2.1
Mg (ppm)	205	Mg (% Sat)	3.1
Ca (ppm)	1,703	Ca (% Sat)	58.0
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2679
N (lb/A)	93
P2O5 (LB/A)	76
K20 (LB/A)	153
MGO (LB/a)	36

**COUNTY: Centre** **# of Samples** 2,519

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	84		
K (ppm)	163	K (% Sat)	3.4
Mg (ppm)	160	Mg (% Sat)	24.8
Ca (ppm)	1,888	Ca (% Sat)	65.1
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1829
N (lb/A)	111
P2O5 (LB/A)	49
K20 (LB/A)	102
MGO (LB/a)	8



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

Agronomic Samples

2008-2009

**COUNTY: Chester** **# of Samples** 120

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	64		
K (ppm)	177	K (% Sat)	3.7
Mg (ppm)	230	Mg (% Sat)	7.1
Ca (ppm)	1,574	Ca (% Sat)	62.2
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1017
N (lb/A)	109
P2O5 (LB/A)	69
K20 (LB/A)	92
MGO (LB/a)	5

**COUNTY: Clarion** **# of Samples** 217

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.1		
P (ppm)	44		
K (ppm)	112	K (% Sat)	2.5
Mg (ppm)	128	Mg (% Sat)	4.8
Ca (ppm)	1,362	Ca (% Sat)	54.0
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3005
N (lb/A)	114
P2O5 (LB/A)	74
K20 (LB/A)	104
MGO (LB/a)	27

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

Agronomic Samples

2008-2009

**COUNTY: Clearfield** **# of Samples** 294

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.2		
P (ppm)	71		
K (ppm)	168	K (% Sat)	2.8
Mg (ppm)	138	Mg (% Sat)	8.1
Ca (ppm)	1,717	Ca (% Sat)	57.0
CEC	13.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3280
N (lb/A)	80
P2O5 (LB/A)	75
K20 (LB/A)	109
MGO (LB/a)	17

**COUNTY: Clinton** **# of Samples** 379

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	75		
K (ppm)	194	K (% Sat)	4.1
Mg (ppm)	199	Mg (% Sat)	1.4
Ca (ppm)	1,746	Ca (% Sat)	66.4
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1294
N (lb/A)	79
P2O5 (LB/A)	51
K20 (LB/A)	103
MGO (LB/a)	11

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

Agronomic Samples

2008-2009

**COUNTY: Columbia** **# of Samples** 350

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.2		
Acidity (meq/100 g)	3.1		
P (ppm)	90		
K (ppm)	122	K (% Sat)	2.9
Mg (ppm)	144	Mg (% Sat)	5.0
Ca (ppm)	1,308	Ca (% Sat)	57.6
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2046
N (lb/A)	94
P2O5 (LB/A)	55
K2O (LB/A)	106
MGO (LB/a)	11

**COUNTY: Crawford** **# of Samples** 482

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	44		
K (ppm)	97	K (% Sat)	2.1
Mg (ppm)	160	Mg (% Sat)	7.3
Ca (ppm)	1,291	Ca (% Sat)	53.8
CEC	11.8		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2363
N (lb/A)	72
P2O5 (LB/A)	42
K2O (LB/A)	79
MGO (LB/a)	11

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

Agronomic Samples

2008-2009

**COUNTY: Cumberland**

**# of Samples**

302

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	114		
K (ppm)	154	K (% Sat)	2.8
Mg (ppm)	192	Mg (% Sat)	6.6
Ca (ppm)	2,160	Ca (% Sat)	71.0
CEC	13.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	917
N (lb/A)	108
P2O5 (LB/A)	64
K20 (LB/A)	125
MGO (LB/a)	9

**COUNTY: Dauphin**

**# of Samples**

452

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.3		
P (ppm)	61		
K (ppm)	116	K (% Sat)	2.5
Mg (ppm)	135	Mg (% Sat)	6.9
Ca (ppm)	1,272	Ca (% Sat)	52.0
CEC	12.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3069
N (lb/A)	110
P2O5 (LB/A)	50
K20 (LB/A)	95
MGO (LB/a)	12

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

Agronomic Samples

2008-2009

**COUNTY: Delaware** **# of Samples** 250

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	239		
K (ppm)	202	K (% Sat)	3.1
Mg (ppm)	238	Mg (% Sat)	2.6
Ca (ppm)	1,865	Ca (% Sat)	64.0
CEC	14.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1132
N (lb/A)	134
P2O5 (LB/A)	48
K20 (LB/A)	104
MGO (LB/a)	5

**COUNTY: Elk** **# of Samples** 58

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.1		
P (ppm)	36		
K (ppm)	98	K (% Sat)	2.1
Mg (ppm)	105	Mg (% Sat)	2.1
Ca (ppm)	1,379	Ca (% Sat)	56.6
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3595
N (lb/A)	63
P2O5 (LB/A)	89
K20 (LB/A)	157
MGO (LB/a)	17

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

Agronomic Samples

2008-2009

**COUNTY: Erie** **# of Samples** 215

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	49		
K (ppm)	108	K (% Sat)	2.3
Mg (ppm)	170	Mg (% Sat)	8.4
Ca (ppm)	1,285	Ca (% Sat)	51.7
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2924
N (lb/A)	99
P2O5 (LB/A)	67
K20 (LB/A)	114
MGO (LB/a)	11

**COUNTY: Fayette** **# of Samples** 216

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	60		
K (ppm)	151	K (% Sat)	2.7
Mg (ppm)	183	Mg (% Sat)	4.0
Ca (ppm)	1,901	Ca (% Sat)	60.7
CEC	14.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2880
N (lb/A)	81
P2O5 (LB/A)	65
K20 (LB/A)	116
MGO (LB/a)	14

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

Agronomic Samples

2008-2009

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.6		
P (ppm)	50		
K (ppm)	69	K (% Sat)	1.6
Mg (ppm)	67	Mg (% Sat)	3.9
Ca (ppm)	1,313	Ca (% Sat)	60.7
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3120
N (lb/A)	86
P2O5 (LB/A)	70
K20 (LB/A)	148
MGO (LB/a)	31

**COUNTY: Franklin** **# of Samples** 197

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.6		
P (ppm)	82		
K (ppm)	188	K (% Sat)	4.0
Mg (ppm)	182	Mg (% Sat)	7.0
Ca (ppm)	1,732	Ca (% Sat)	69.6
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	964
N (lb/A)	118
P2O5 (LB/A)	59
K20 (LB/A)	104
MGO (LB/a)	17

**SUMMARY REPORT  
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Agronomic Samples

2008-2009

**COUNTY:     Fulton** **# of Samples**                   152

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	59		
K (ppm)	123	K (% Sat)	2.7
Mg (ppm)	154	Mg (% Sat)	12.5
Ca (ppm)	1,454	Ca (% Sat)	64.2
CEC	11.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1556
N (lb/A)	139
P2O5 (LB/A)	70
K20 (LB/A)	167
MGO (LB/a)	17

**COUNTY:     Greene** **# of Samples**                   59

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	33		
K (ppm)	104	K (% Sat)	1.9
Mg (ppm)	182	Mg (% Sat)	7.5
Ca (ppm)	1,677	Ca (% Sat)	57.4
CEC	14.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3390
N (lb/A)	105
P2O5 (LB/A)	80
K20 (LB/A)	157
MGO (LB/a)	9



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Agronomic Samples

2008-2009

**COUNTY:     Huntingdon**

**# of Samples**

208

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	73		
K (ppm)	150	K (% Sat)	3.0
Mg (ppm)	198	Mg (% Sat)	7.1
Ca (ppm)	1,988	Ca (% Sat)	65.1
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1471
N (lb/A)	84
P2O5 (LB/A)	73
K20 (LB/A)	126
MGO (LB/a)	14

**COUNTY:     Indiana**

**# of Samples**

316

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	35		
K (ppm)	122	K (% Sat)	2.4
Mg (ppm)	165	Mg (% Sat)	6.0
Ca (ppm)	1,736	Ca (% Sat)	61.9
CEC	13.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2525
N (lb/A)	91
P2O5 (LB/A)	78
K20 (LB/A)	120
MGO (LB/a)	5

**SUMMARY REPORT  
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Agronomic Samples

2008-2009

**COUNTY: Jefferson** **# of Samples** 239

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	36		
K (ppm)	120	K (% Sat)	2.4
Mg (ppm)	148	Mg (% Sat)	2.5
Ca (ppm)	1,642	Ca (% Sat)	60.2
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2644
N (lb/A)	80
P2O5 (LB/A)	77
K20 (LB/A)	137
MGO (LB/a)	17

**COUNTY: Juniata** **# of Samples** 270

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.0		
P (ppm)	98		
K (ppm)	185	K (% Sat)	3.8
Mg (ppm)	161	Mg (% Sat)	7.4
Ca (ppm)	1,697	Ca (% Sat)	67.7
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1217
N (lb/A)	86
P2O5 (LB/A)	50
K20 (LB/A)	103
MGO (LB/a)	13

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

Agronomic Samples

2008-2009

**COUNTY: Lackawanna** **# of Samples** 268

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	134		
K (ppm)	118	K (% Sat)	2.7
Mg (ppm)	134	Mg (% Sat)	1.5
Ca (ppm)	1,702	Ca (% Sat)	66.7
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1331
N (lb/A)	133
P2O5 (LB/A)	46
K20 (LB/A)	86
MGO (LB/a)	7

**COUNTY: Lancaster** **# of Samples** 330

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	144		
K (ppm)	197	K (% Sat)	3.9
Mg (ppm)	184	Mg (% Sat)	3.9
Ca (ppm)	2,222	Ca (% Sat)	65.3
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1478
N (lb/A)	98
P2O5 (LB/A)	56
K20 (LB/A)	93
MGO (LB/a)	5

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

Agronomic Samples

2008-2009

**COUNTY: Lawrence** **# of Samples** 300

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	64		
K (ppm)	122	K (% Sat)	2.7
Mg (ppm)	143	Mg (% Sat)	6.5
Ca (ppm)	1,411	Ca (% Sat)	61.2
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1710
N (lb/A)	103
P2O5 (LB/A)	46
K20 (LB/A)	97
MGO (LB/a)	8

**COUNTY: Lebanon** **# of Samples** 435

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.5		
P (ppm)	121		
K (ppm)	213	K (% Sat)	4.4
Mg (ppm)	206	Mg (% Sat)	8.4
Ca (ppm)	1,807	Ca (% Sat)	69.4
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	606
N (lb/A)	100
P2O5 (LB/A)	58
K20 (LB/A)	82
MGO (LB/a)	4

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

Agronomic Samples

2008-2009

**COUNTY: Lehigh** **# of Samples** 130

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	87		
K (ppm)	159	<b>K (% Sat)</b>	3.2
Mg (ppm)	214	<b>Mg (% Sat)</b>	6.5
Ca (ppm)	1,455	<b>Ca (% Sat)</b>	54.6
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2342
N (lb/A)	97
P2O5 (LB/A)	60
K20 (LB/A)	116
MGO (LB/a)	20

**COUNTY: LUZERNE** **# of Samples** 3

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	5.8		
Acidity (meq/100 g)	6.1		
P (ppm)	29		
K (ppm)	75	<b>K (% Sat)</b>	1.7
Mg (ppm)	122	<b>Mg (% Sat)</b>	2.0
Ca (ppm)	825	<b>Ca (% Sat)</b>	36.1
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	4333
N (lb/A)	93
P2O5 (LB/A)	33
K20 (LB/A)	60
MGO (LB/a)	20

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

Agronomic Samples

2008-2009

**COUNTY: Luzerne** **# of Samples** 144

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	101		
K (ppm)	125	K (% Sat)	3.0
Mg (ppm)	146	Mg (% Sat)	4.9
Ca (ppm)	1,293	Ca (% Sat)	56.0
CEC	11.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2321
N (lb/A)	84
P2O5 (LB/A)	34
K20 (LB/A)	66
MGO (LB/a)	25

**COUNTY: LUZRENE** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.8		
Acidity (meq/100 g)	11.7		
P (ppm)	3		
K (ppm)	33	K (% Sat)	0.7
Mg (ppm)	31	Mg (% Sat)	2.0
Ca (ppm)	133	Ca (% Sat)	5.2
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	10000
N (lb/A)	30
P2O5 (LB/A)	210
K20 (LB/A)	190
MGO (LB/a)	60

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

Agronomic Samples

2008-2009

**COUNTY: Lycoming**

**# of Samples**

402

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	76		
K (ppm)	123	K (% Sat)	2.6
Mg (ppm)	157	Mg (% Sat)	1.8
Ca (ppm)	1,604	Ca (% Sat)	59.6
CEC	12.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2021
N (lb/A)	97
P2O5 (LB/A)	52
K20 (LB/A)	101
MGO (LB/a)	15

**COUNTY: McKean**

**# of Samples**

23

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	7.4		
P (ppm)	27		
K (ppm)	91	K (% Sat)	1.7
Mg (ppm)	107	Mg (% Sat)	12.6
Ca (ppm)	1,016	Ca (% Sat)	36.8
CEC	13.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6391
N (lb/A)	92
P2O5 (LB/A)	95
K20 (LB/A)	136
MGO (LB/a)	53

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

Agronomic Samples

2008-2009

**COUNTY: Mercer** **# of Samples** 418

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.4		
P (ppm)	48		
K (ppm)	92	K (% Sat)	2.1
Mg (ppm)	155	Mg (% Sat)	2.4
Ca (ppm)	1,231	Ca (% Sat)	55.2
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2557
N (lb/A)	110
P2O5 (LB/A)	67
K20 (LB/A)	131
MGO (LB/a)	14

**COUNTY: Mifflin** **# of Samples** 46

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	71		
K (ppm)	151	K (% Sat)	3.3
Mg (ppm)	185	Mg (% Sat)	2.5
Ca (ppm)	1,529	Ca (% Sat)	63.6
CEC	12.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1804
N (lb/A)	95
P2O5 (LB/A)	73
K20 (LB/A)	119
MGO (LB/a)	9



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

Agronomic Samples

2008-2009

**COUNTY: Monroe** **# of Samples** 55

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	65		
K (ppm)	111	K (% Sat)	2.4
Mg (ppm)	219	Mg (% Sat)	3.5
Ca (ppm)	1,482	Ca (% Sat)	53.5
CEC	11.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2127
N (lb/A)	78
P2O5 (LB/A)	51
K20 (LB/A)	108
MGO (LB/a)	23

**COUNTY: Montgomery** **# of Samples** 294

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	94		
K (ppm)	108	K (% Sat)	2.4
Mg (ppm)	180	Mg (% Sat)	6.4
Ca (ppm)	1,414	Ca (% Sat)	63.5
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1021
N (lb/A)	109
P2O5 (LB/A)	42
K20 (LB/A)	90
MGO (LB/a)	2

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

Agronomic Samples

2008-2009

**COUNTY: Montour** **# of Samples** 131

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	66		
K (ppm)	134	K (% Sat)	3.1
Mg (ppm)	128	Mg (% Sat)	11.6
Ca (ppm)	1,343	Ca (% Sat)	59.5
CEC	11.3		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1794
N (lb/A)	111
P2O5 (LB/A)	51
K20 (LB/A)	83
MGO (LB/a)	12

**COUNTY: Northampton** **# of Samples** 138

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	67		
K (ppm)	144	K (% Sat)	3.1
Mg (ppm)	179	Mg (% Sat)	5.3
Ca (ppm)	1,650	Ca (% Sat)	55.2
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2414
N (lb/A)	94
P2O5 (LB/A)	61
K20 (LB/A)	100
MGO (LB/a)	20

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

Agronomic Samples

2008-2009

**COUNTY: Northumberland** **# of Samples** 611

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	97		
K (ppm)	143	K (% Sat)	3.2
Mg (ppm)	125	Mg (% Sat)	1.3
Ca (ppm)	1,570	Ca (% Sat)	68.4
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1025
N (lb/A)	119
P2O5 (LB/A)	46
K20 (LB/A)	87
MGO (LB/a)	6

**COUNTY: Perry** **# of Samples** 825

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	92		
K (ppm)	173	K (% Sat)	3.9
Mg (ppm)	195	Mg (% Sat)	6.6
Ca (ppm)	1,558	Ca (% Sat)	65.7
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1075
N (lb/A)	91
P2O5 (LB/A)	42
K20 (LB/A)	111
MGO (LB/a)	5

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

Agronomic Samples

2008-2009

**COUNTY: Philadelphia**

**# of Samples**

12

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	6.1		
P (ppm)	38		
K (ppm)	96	K (% Sat)	2.0
Mg (ppm)	169	Mg (% Sat)	7.1
Ca (ppm)	1,140	Ca (% Sat)	41.7
CEC	13.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4833
N (lb/A)	49
P2O5 (LB/A)	61
K20 (LB/A)	110
MGO (LB/a)	6

**COUNTY: Pike**

**# of Samples**

15

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	7.0		
P (ppm)	106		
K (ppm)	78	K (% Sat)	1.7
Mg (ppm)	130	Mg (% Sat)	1.8
Ca (ppm)	944	Ca (% Sat)	32.4
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5600
N (lb/A)	30
P2O5 (LB/A)	72
K20 (LB/A)	109
MGO (LB/a)	41

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

Agronomic Samples

2008-2009

**COUNTY: Potter** **# of Samples** 158

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	76		
K (ppm)	127	<b>K (% Sat)</b>	2.3
Mg (ppm)	215	<b>Mg (% Sat)</b>	3.4
Ca (ppm)	1,624	<b>Ca (% Sat)</b>	56.1
CEC	14.1		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	3222
N (lb/A)	58
P2O5 (LB/A)	67
K20 (LB/A)	131
MGO (LB/a)	7

**COUNTY: Schuylkill** **# of Samples** 230

**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)	126		
K (ppm)	133	<b>K (% Sat)</b>	2.9
Mg (ppm)	141	<b>Mg (% Sat)</b>	7.9
Ca (ppm)	1,511	<b>Ca (% Sat)</b>	61.9
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1600
N (lb/A)	94
P2O5 (LB/A)	45
K20 (LB/A)	76
MGO (LB/a)	12

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

Agronomic Samples

2008-2009

**COUNTY: Snyder** **# of Samples** 191

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	116		
K (ppm)	166	K (% Sat)	3.4
Mg (ppm)	154	Mg (% Sat)	6.5
Ca (ppm)	1,803	Ca (% Sat)	69.1
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1390
N (lb/A)	95
P2O5 (LB/A)	40
K20 (LB/A)	128
MGO (LB/a)	7

**COUNTY: Somerset** **# of Samples** 351

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	43		
K (ppm)	130	K (% Sat)	2.5
Mg (ppm)	171	Mg (% Sat)	12.4
Ca (ppm)	1,701	Ca (% Sat)	61.6
CEC	13.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2355
N (lb/A)	113
P2O5 (LB/A)	76
K20 (LB/A)	112
MGO (LB/a)	16

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

Agronomic Samples

2008-2009

**COUNTY: Sullivan** **# of Samples** 90

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	103		
K (ppm)	125	K (% Sat)	2.5
Mg (ppm)	172	Mg (% Sat)	5.6
Ca (ppm)	1,572	Ca (% Sat)	58.4
CEC	13.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2461
N (lb/A)	73
P2O5 (LB/A)	66
K20 (LB/A)	89
MGO (LB/a)	14

**COUNTY: Susquehanna** **# of Samples** 318

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.3		
P (ppm)	60		
K (ppm)	131	K (% Sat)	2.4
Mg (ppm)	232	Mg (% Sat)	8.8
Ca (ppm)	1,253	Ca (% Sat)	48.0
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2903
N (lb/A)	99
P2O5 (LB/A)	61
K20 (LB/A)	135
MGO (LB/a)	8

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

Agronomic Samples

2008-2009

**COUNTY: Tioga** **# of Samples** 590

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.2		
P (ppm)	62		
K (ppm)	128	K (% Sat)	2.3
Mg (ppm)	210	Mg (% Sat)	9.3
Ca (ppm)	1,571	Ca (% Sat)	54.6
CEC	14.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2952
N (lb/A)	104
P2O5 (LB/A)	55
K2O (LB/A)	124
MGO (LB/a)	5

**COUNTY: Union** **# of Samples** 305

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	86		
K (ppm)	145	K (% Sat)	3.2
Mg (ppm)	142	Mg (% Sat)	8.1
Ca (ppm)	1,537	Ca (% Sat)	60.9
CEC	11.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1923
N (lb/A)	96
P2O5 (LB/A)	51
K2O (LB/A)	99
MGO (LB/a)	9



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

Agronomic Samples

2008-2009

**COUNTY: Venango** **# of Samples** 60

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	27		
K (ppm)	101	K (% Sat)	2.4
Mg (ppm)	129	Mg (% Sat)	8.8
Ca (ppm)	1,100	Ca (% Sat)	52.1
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2720
N (lb/A)	85
P2O5 (LB/A)	76
K20 (LB/A)	89
MGO (LB/a)	17

**COUNTY: Warren** **# of Samples** 105

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.3		
P (ppm)	48		
K (ppm)	133	K (% Sat)	2.7
Mg (ppm)	185	Mg (% Sat)	5.0
Ca (ppm)	1,379	Ca (% Sat)	52.2
CEC	13.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3124
N (lb/A)	125
P2O5 (LB/A)	84
K20 (LB/A)	148
MGO (LB/a)	9

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

Agronomic Samples

2008-2009

**COUNTY: Washington**

**# of Samples**

301

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	43		
K (ppm)	145	K (% Sat)	2.5
Mg (ppm)	230	Mg (% Sat)	4.2
Ca (ppm)	1,852	Ca (% Sat)	57.7
CEC	14.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3200
N (lb/A)	81
P2O5 (LB/A)	69
K20 (LB/A)	129
MGO (LB/a)	16

**COUNTY: Wayne**

**# of Samples**

87

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	97		
K (ppm)	89	K (% Sat)	1.9
Mg (ppm)	142	Mg (% Sat)	2.5
Ca (ppm)	1,497	Ca (% Sat)	56.2
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2678
N (lb/A)	117
P2O5 (LB/A)	69
K20 (LB/A)	143
MGO (LB/a)	22

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

Agronomic Samples

2008-2009

**COUNTY: Westmoreland** **# of Samples** 436

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	60		
K (ppm)	153	K (% Sat)	2.8
Mg (ppm)	215	Mg (% Sat)	2.5
Ca (ppm)	2,094	Ca (% Sat)	59.7
CEC	14.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2532
N (lb/A)	96
P2O5 (LB/A)	73
K20 (LB/A)	118
MGO (LB/a)	15

**COUNTY: Wyoming** **# of Samples** 223

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	103		
K (ppm)	126	K (% Sat)	2.7
Mg (ppm)	186	Mg (% Sat)	7.2
Ca (ppm)	1,280	Ca (% Sat)	52.4
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2399
N (lb/A)	97
P2O5 (LB/A)	39
K20 (LB/A)	139
MGO (LB/a)	9

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

Agronomic Samples

2008-2009

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<b>COUNTY:</b>	<b>York</b>	<b># of Samples</b>	396
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	61		
K (ppm)	148	K (% Sat)	3.4
Mg (ppm)	205	Mg (% Sat)	3.3
Ca (ppm)	1,413	Ca (% Sat)	61.4
CEC	11.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1410
N (lb/A)	110
P2O5 (LB/A)	80
K20 (LB/A)	119
MGO (LB/a)	7