

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS**  
**Agronomic Samples**

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**# of Samples**            22,969

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**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	70		
K (ppm)	153	K (% Sat)	3.4
Mg (ppm)	167	Mg (% Sat)	12.3
Ca (ppm)	1,419	Ca (% Sat)	58.9
CEC	11.5		

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**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1938
N (lb/A)	104
P2O5 (LB/A)	60
K20 (LB/A)	92
MGO (LB/a)	14

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

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COUNTY: **Adams** # of Samples 104

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	52		
K (ppm)	138	K (% Sat)	3.1
Mg (ppm)	189	Mg (% Sat)	8.6
Ca (ppm)	1,273	Ca (% Sat)	53.1
CEC	11.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2178
N (lb/A)	126
P2O5 (LB/A)	69
K20 (LB/A)	105
MGO (LB/a)	23

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COUNTY: **Allegheny** # of Samples 319

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.5		
P (ppm)	33		
K (ppm)	124	K (% Sat)	2.4
Mg (ppm)	166	Mg (% Sat)	14.0
Ca (ppm)	1,522	Ca (% Sat)	46.1
CEC	13.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4801
N (lb/A)	47
P2O5 (LB/A)	80
K20 (LB/A)	77
MGO (LB/a)	47

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

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COUNTY: **Armstrong** # of Samples 203

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	41		
K (ppm)	128	K (% Sat)	2.8
Mg (ppm)	154	Mg (% Sat)	6.9
Ca (ppm)	1,365	Ca (% Sat)	56.3
CEC	11.7		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2508
N (lb/A)	79
P2O5 (LB/A)	72
K20 (LB/A)	98
MGO (LB/a)	17

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COUNTY: **Beaver** # of Samples 132

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	42		
K (ppm)	131	K (% Sat)	3.2
Mg (ppm)	148	Mg (% Sat)	6.1
Ca (ppm)	1,334	Ca (% Sat)	58.9
CEC	10.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1905
N (lb/A)	99
P2O5 (LB/A)	74
K20 (LB/A)	129
MGO (LB/a)	16

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

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COUNTY: **Bedford** # of Samples **255**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	68		
K (ppm)	157	<b>K (% Sat)</b>	3.8
Mg (ppm)	180	<b>Mg (% Sat)</b>	4.3
Ca (ppm)	1,358	<b>Ca (% Sat)</b>	61.7
CEC	11.0		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1231
N (lb/A)	111
P2O5 (LB/A)	53
K20 (LB/A)	106
MGO (LB/a)	16

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COUNTY: **Berks** # of Samples **357**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	119		
K (ppm)	187	<b>K (% Sat)</b>	4.3
Mg (ppm)	190	<b>Mg (% Sat)</b>	3.1
Ca (ppm)	1,499	<b>Ca (% Sat)</b>	61.7
CEC	11.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1290
N (lb/A)	107
P2O5 (LB/A)	56
K20 (LB/A)	98
MGO (LB/a)	7

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

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**COUNTY: Blair** **# of Samples** 133

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	76		
K (ppm)	166	<b>K (% Sat)</b>	3.6
Mg (ppm)	237	<b>Mg (% Sat)</b>	6.7
Ca (ppm)	1,514	<b>Ca (% Sat)</b>	64.7
CEC	11.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1023
N (lb/A)	118
P2O5 (LB/A)	68
K20 (LB/A)	122
MGO (LB/a)	12

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**COUNTY: Bradford** **# of Samples** 1,169

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	73		
K (ppm)	167	<b>K (% Sat)</b>	3.5
Mg (ppm)	198	<b>Mg (% Sat)</b>	8.2
Ca (ppm)	1,411	<b>Ca (% Sat)</b>	57.0
CEC	12.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2106
N (lb/A)	91
P2O5 (LB/A)	45
K20 (LB/A)	99
MGO (LB/a)	12

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

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COUNTY: **Bucks** # of Samples 210

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	56		
K (ppm)	120	K (% Sat)	2.9
Mg (ppm)	221	Mg (% Sat)	8.0
Ca (ppm)	1,198	Ca (% Sat)	51.2
CEC	11.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1981
N (lb/A)	106
P2O5 (LB/A)	48
K20 (LB/A)	84
MGO (LB/a)	7

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COUNTY: **Butler** # of Samples 628

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	39		
K (ppm)	131	K (% Sat)	3.3
Mg (ppm)	134	Mg (% Sat)	16.0
Ca (ppm)	1,275	Ca (% Sat)	61.7
CEC	10.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1674
N (lb/A)	120
P2O5 (LB/A)	69
K20 (LB/A)	97
MGO (LB/a)	23

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

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<b>COUNTY:</b>	<b>Cambria</b>	<b># of Samples</b>	268
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	45		
K (ppm)	136	<b>K (% Sat)</b>	2.9
Mg (ppm)	216	<b>Mg (% Sat)</b>	3.4
Ca (ppm)	1,308	<b>Ca (% Sat)</b>	53.5
CEC	12.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2506
N (lb/A)	86
P2O5 (LB/A)	55
K20 (LB/A)	90
MGO (LB/a)	11

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<b>COUNTY:</b>	<b>Cameron</b>	<b># of Samples</b>	9
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.0		
P (ppm)	17		
K (ppm)	45	<b>K (% Sat)</b>	1.2
Mg (ppm)	43	<b>Mg (% Sat)</b>	9.6
Ca (ppm)	1,378	<b>Ca (% Sat)</b>	73.5
CEC	9.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	84
P2O5 (LB/A)	79
K20 (LB/A)	140
MGO (LB/a)	79

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

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COUNTY: **Carbon** # of Samples **34**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	41		
K (ppm)	110	K (% Sat)	2.6
Mg (ppm)	184	Mg (% Sat)	11.1
Ca (ppm)	1,432	Ca (% Sat)	55.9
CEC	10.7		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2221
N (lb/A)	112
P2O5 (LB/A)	54
K20 (LB/A)	121
MGO (LB/a)	19

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COUNTY: **Centre** # of Samples **3,272**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	89		
K (ppm)	168	K (% Sat)	3.8
Mg (ppm)	140	Mg (% Sat)	12.2
Ca (ppm)	1,572	Ca (% Sat)	63.9
CEC	11.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1732
N (lb/A)	106
P2O5 (LB/A)	57
K20 (LB/A)	67
MGO (LB/a)	11

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

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COUNTY: **Chester** # of Samples 206

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	61		
K (ppm)	162	K (% Sat)	4.1
Mg (ppm)	206	Mg (% Sat)	8.2
Ca (ppm)	1,262	Ca (% Sat)	60.3
CEC	10.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	879
N (lb/A)	112
P2O5 (LB/A)	71
K20 (LB/A)	105
MGO (LB/a)	17

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COUNTY: **CLARION** # of Samples 208

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	41		
K (ppm)	120	K (% Sat)	2.7
Mg (ppm)	151	Mg (% Sat)	3.9
Ca (ppm)	1,879	Ca (% Sat)	65.2
CEC	11.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1612
N (lb/A)	115
P2O5 (LB/A)	84
K20 (LB/A)	104
MGO (LB/a)	18

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

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<b>COUNTY:</b>	<b>Clearfield</b>	<b># of Samples</b>	438
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	78		
K (ppm)	155	<b>K (% Sat)</b>	3.3
Mg (ppm)	156	<b>Mg (% Sat)</b>	6.1
Ca (ppm)	1,802	<b>Ca (% Sat)</b>	67.2
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1662
N (lb/A)	84
P2O5 (LB/A)	63
K20 (LB/A)	100
MGO (LB/a)	11

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<b>COUNTY:</b>	<b>Clinton</b>	<b># of Samples</b>	265
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.6		
P (ppm)	55		
K (ppm)	176	<b>K (% Sat)</b>	4.1
Mg (ppm)	184	<b>Mg (% Sat)</b>	6.2
Ca (ppm)	1,515	<b>Ca (% Sat)</b>	68.2
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	815
N (lb/A)	112
P2O5 (LB/A)	58
K20 (LB/A)	84
MGO (LB/a)	11

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

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<b>COUNTY:</b>	<b>Columbia</b>	<b># of Samples</b>	286
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	76		
K (ppm)	138	K (% Sat)	3.6
Mg (ppm)	138	Mg (% Sat)	5.3
Ca (ppm)	1,094	Ca (% Sat)	55.3
CEC	10.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1944
N (lb/A)	122
P2O5 (LB/A)	47
K20 (LB/A)	94
MGO (LB/a)	12

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<b>COUNTY:</b>	<b>Crawford</b>	<b># of Samples</b>	591
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	48		
K (ppm)	119	K (% Sat)	2.7
Mg (ppm)	172	Mg (% Sat)	1.4
Ca (ppm)	1,231	Ca (% Sat)	51.8
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2068
N (lb/A)	83
P2O5 (LB/A)	39
K20 (LB/A)	60
MGO (LB/a)	15

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

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COUNTY: **Cumberland** # of Samples 308

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.6		
P (ppm)	86		
K (ppm)	157	<b>K (% Sat)</b>	4.0
Mg (ppm)	174	<b>Mg (% Sat)</b>	5.2
Ca (ppm)	1,614	<b>Ca (% Sat)</b>	70.0
CEC	10.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	719
N (lb/A)	125
P2O5 (LB/A)	51
K20 (LB/A)	103
MGO (LB/a)	7

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COUNTY: **Dauphin** # of Samples 351

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	106		
K (ppm)	138	<b>K (% Sat)</b>	3.2
Mg (ppm)	152	<b>Mg (% Sat)</b>	2.0
Ca (ppm)	1,352	<b>Ca (% Sat)</b>	60.5
CEC	11.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1772
N (lb/A)	129
P2O5 (LB/A)	49
K20 (LB/A)	88
MGO (LB/a)	5

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

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COUNTY: **Delaware** # of Samples **25**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	1.5		
P (ppm)	78		
K (ppm)	1,100	<b>K (% Sat)</b>	5.4
Mg (ppm)	453	<b>Mg (% Sat)</b>	6.0
Ca (ppm)	2,291	<b>Ca (% Sat)</b>	66.3
CEC	16.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	760
N (lb/A)	55
P2O5 (LB/A)	48
K2O (LB/A)	86
MGO (LB/a)	11

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COUNTY: **Eik** # of Samples **116**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.8		
P (ppm)	32		
K (ppm)	127	<b>K (% Sat)</b>	2.6
Mg (ppm)	113	<b>Mg (% Sat)</b>	4.0
Ca (ppm)	1,733	<b>Ca (% Sat)</b>	59.9
CEC	12.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2970
N (lb/A)	69
P2O5 (LB/A)	89
K2O (LB/A)	100
MGO (LB/a)	37

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

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**COUNTY: Erie** **# of Samples** 398

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.1		
P (ppm)	53		
K (ppm)	113	<b>K (% Sat)</b>	2.4
Mg (ppm)	176	<b>Mg (% Sat)</b>	6.3
Ca (ppm)	1,233	<b>Ca (% Sat)</b>	50.3
CEC	11.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2598
N (lb/A)	104
P2O5 (LB/A)	64
K2O (LB/A)	96
MGO (LB/a)	18

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**COUNTY: Fayette** **# of Samples** 362

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	41		
K (ppm)	137	<b>K (% Sat)</b>	2.8
Mg (ppm)	153	<b>Mg (% Sat)</b>	16.7
Ca (ppm)	1,610	<b>Ca (% Sat)</b>	61.4
CEC	12.7		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2077
N (lb/A)	127
P2O5 (LB/A)	79
K2O (LB/A)	87
MGO (LB/a)	18

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

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<b>COUNTY:</b>	<b>Forest</b>	<b># of Samples</b>	44
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	38		
K (ppm)	94	K (% Sat)	2.6
Mg (ppm)	126	Mg (% Sat)	3.8
Ca (ppm)	1,714	Ca (% Sat)	56.9
CEC	10.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2418
N (lb/A)	115
P2O5 (LB/A)	65
K20 (LB/A)	110
MGO (LB/a)	24

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<b>COUNTY:</b>	<b>Franklin</b>	<b># of Samples</b>	360
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	83		
K (ppm)	219	K (% Sat)	5.1
Mg (ppm)	187	Mg (% Sat)	6.0
Ca (ppm)	1,480	Ca (% Sat)	65.4
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1188
N (lb/A)	106
P2O5 (LB/A)	47
K20 (LB/A)	100
MGO (LB/a)	4

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

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**COUNTY:     Fulton** **# of Samples**           119

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	53		
K (ppm)	139	K (% Sat)	3.7
Mg (ppm)	146	Mg (% Sat)	3.6
Ca (ppm)	1,106	Ca (% Sat)	58.1
CEC	9.6		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	1866
N (lb/A)	113
P2O5 (LB/A)	60
K20 (LB/A)	89
MGO (LB/a)	15

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**COUNTY:     Greene** **# of Samples**           51

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.8		
P (ppm)	48		
K (ppm)	132	K (% Sat)	2.6
Mg (ppm)	158	Mg (% Sat)	8.1
Ca (ppm)	1,331	Ca (% Sat)	50.7
CEC	13.0		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	3353
N (lb/A)	161
P2O5 (LB/A)	79
K20 (LB/A)	135
MGO (LB/a)	18

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

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<b>COUNTY:</b>	<b>Huntingdon</b>	<b># of Samples</b>	211
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	52		
K (ppm)	155	K (% Sat)	3.6
Mg (ppm)	219	Mg (% Sat)	2.4
Ca (ppm)	1,706	Ca (% Sat)	65.1
CEC	11.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	863
N (lb/A)	115
P2O5 (LB/A)	79
K20 (LB/A)	116
MGO (LB/a)	13

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<b>COUNTY:</b>	<b>Indiana</b>	<b># of Samples</b>	321
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	37		
K (ppm)	137	K (% Sat)	3.0
Mg (ppm)	157	Mg (% Sat)	3.5
Ca (ppm)	1,339	Ca (% Sat)	54.5
CEC	11.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2364
N (lb/A)	113
P2O5 (LB/A)	75
K20 (LB/A)	97
MGO (LB/a)	12

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

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**COUNTY: Jefferson** **# of Samples** 513

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	36		
K (ppm)	125	<b>K (% Sat)</b>	2.7
Mg (ppm)	144	<b>Mg (% Sat)</b>	12.9
Ca (ppm)	1,461	<b>Ca (% Sat)</b>	58.1
CEC	11.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2392
N (lb/A)	86
P2O5 (LB/A)	85
K20 (LB/A)	116
MGO (LB/a)	16

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**COUNTY: Juniata** **# of Samples** 369

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	111		
K (ppm)	184	<b>K (% Sat)</b>	4.4
Mg (ppm)	156	<b>Mg (% Sat)</b>	2.6
Ca (ppm)	1,430	<b>Ca (% Sat)</b>	64.1
CEC	10.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1095
N (lb/A)	96
P2O5 (LB/A)	49
K20 (LB/A)	100
MGO (LB/a)	21

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

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COUNTY: **Lackawanna** # of Samples 190

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.3		
P (ppm)	82		
K (ppm)	114	K (% Sat)	2.5
Mg (ppm)	160	Mg (% Sat)	9.6
Ca (ppm)	1,073	Ca (% Sat)	45.6
CEC	12.0		

---

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3568
N (lb/A)	70
P2O5 (LB/A)	47
K20 (LB/A)	88
MGO (LB/a)	14

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COUNTY: **Lancaster** # of Samples 275

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.2		
P (ppm)	100		
K (ppm)	151	K (% Sat)	3.7
Mg (ppm)	211	Mg (% Sat)	2.0
Ca (ppm)	1,845	Ca (% Sat)	64.5
CEC	11.9		

---

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1289
N (lb/A)	118
P2O5 (LB/A)	54
K20 (LB/A)	83
MGO (LB/a)	8

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

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<b>COUNTY:</b>	<b>Lawrence</b>	<b># of Samples</b>	410
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	49		
K (ppm)	127	K (% Sat)	3.2
Mg (ppm)	150	Mg (% Sat)	4.7
Ca (ppm)	1,247	Ca (% Sat)	60.7
CEC	10.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1448
N (lb/A)	91
P2O5 (LB/A)	60
K20 (LB/A)	103
MGO (LB/a)	12

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<b>COUNTY:</b>	<b>Lebanon</b>	<b># of Samples</b>	408
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	111		
K (ppm)	229	K (% Sat)	5.1
Mg (ppm)	200	Mg (% Sat)	8.5
Ca (ppm)	1,507	Ca (% Sat)	62.5
CEC	11.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1097
N (lb/A)	97
P2O5 (LB/A)	44
K20 (LB/A)	97
MGO (LB/a)	5

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

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COUNTY: **Lehigh** # of Samples **66**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	82		
K (ppm)	166	<b>K (% Sat)</b>	3.5
Mg (ppm)	182	<b>Mg (% Sat)</b>	4.7
Ca (ppm)	1,446	<b>Ca (% Sat)</b>	56.7
CEC	12.2		

---

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2258
N (lb/A)	106
P2O5 (LB/A)	53
K20 (LB/A)	82
MGO (LB/a)	20

---

COUNTY: **Luzerne** # of Samples **269**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	64		
K (ppm)	120	<b>K (% Sat)</b>	2.9
Mg (ppm)	134	<b>Mg (% Sat)</b>	3.5
Ca (ppm)	1,206	<b>Ca (% Sat)</b>	54.7
CEC	10.8		

---

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2703
N (lb/A)	107
P2O5 (LB/A)	54
K20 (LB/A)	103
MGO (LB/a)	15

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

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<b>COUNTY:</b>	<b>Lycoming</b>	<b># of Samples</b>	652
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.8		
P (ppm)	65		
K (ppm)	129	<b>K (% Sat)</b>	3.1
Mg (ppm)	151	<b>Mg (% Sat)</b>	2.9
Ca (ppm)	1,190	<b>Ca (% Sat)</b>	53.3
CEC	11.1		

---

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2670
N (lb/A)	95
P2O5 (LB/A)	56
K20 (LB/A)	79
MGO (LB/a)	24

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<b>COUNTY:</b>	<b>McKean</b>	<b># of Samples</b>	108
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.3		
P (ppm)	41		
K (ppm)	159	<b>K (% Sat)</b>	3.0
Mg (ppm)	168	<b>Mg (% Sat)</b>	0.8
Ca (ppm)	1,471	<b>Ca (% Sat)</b>	55.5
CEC	13.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3004
N (lb/A)	71
P2O5 (LB/A)	66
K20 (LB/A)	77
MGO (LB/a)	15

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

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<b>COUNTY:</b>	<b>Mercer</b>	<b># of Samples</b>	470
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	43		
K (ppm)	114	<b>K (% Sat)</b>	3.0
Mg (ppm)	152	<b>Mg (% Sat)</b>	4.0
Ca (ppm)	1,112	<b>Ca (% Sat)</b>	56.3
CEC	10.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1873
N (lb/A)	105
P2O5 (LB/A)	66
K20 (LB/A)	91
MGO (LB/a)	11

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<b>COUNTY:</b>	<b>Mifflin</b>	<b># of Samples</b>	109
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.9		
P (ppm)	79		
K (ppm)	172	<b>K (% Sat)</b>	3.8
Mg (ppm)	206	<b>Mg (% Sat)</b>	8.5
Ca (ppm)	1,530	<b>Ca (% Sat)</b>	64.2
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1028
N (lb/A)	100
P2O5 (LB/A)	67
K20 (LB/A)	77
MGO (LB/a)	4

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

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COUNTY: **Monroe** # of Samples 50

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.8		
P (ppm)	93		
K (ppm)	102	<b>K (% Sat)</b>	2.5
Mg (ppm)	139	<b>Mg (% Sat)</b>	6.8
Ca (ppm)	1,025	<b>Ca (% Sat)</b>	48.8
CEC	10.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2186
N (lb/A)	138
P2O5 (LB/A)	51
K20 (LB/A)	120
MGO (LB/a)	30

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COUNTY: **Montgomery** # of Samples 439

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	66		
K (ppm)	140	<b>K (% Sat)</b>	3.6
Mg (ppm)	180	<b>Mg (% Sat)</b>	13.9
Ca (ppm)	1,315	<b>Ca (% Sat)</b>	54.5
CEC	10.7		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2213
N (lb/A)	119
P2O5 (LB/A)	63
K20 (LB/A)	90
MGO (LB/a)	17

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

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COUNTY: **Montour** # of Samples 287

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	79		
K (ppm)	154	K (% Sat)	3.9
Mg (ppm)	138	Mg (% Sat)	7.0
Ca (ppm)	1,238	Ca (% Sat)	60.3
CEC	10.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1439
N (lb/A)	111
P2O5 (LB/A)	52
K20 (LB/A)	91
MGO (LB/a)	22

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COUNTY: **Northampton** # of Samples 104

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.8		
P (ppm)	66		
K (ppm)	119	K (% Sat)	2.8
Mg (ppm)	168	Mg (% Sat)	3.3
Ca (ppm)	1,434	Ca (% Sat)	50.5
CEC	11.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2250
N (lb/A)	126
P2O5 (LB/A)	54
K20 (LB/A)	92
MGO (LB/a)	16

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

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COUNTY: **Northumberland** # of Samples 580

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	81		
K (ppm)	149	K (% Sat)	3.8
Mg (ppm)	118	Mg (% Sat)	8.4
Ca (ppm)	1,283	Ca (% Sat)	61.4
CEC	10.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1534
N (lb/A)	113
P2O5 (LB/A)	46
K2O (LB/A)	84
MGO (LB/a)	10

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COUNTY: **Perry** # of Samples 907

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.7		
P (ppm)	91		
K (ppm)	206	K (% Sat)	4.4
Mg (ppm)	192	Mg (% Sat)	5.1
Ca (ppm)	1,424	Ca (% Sat)	63.8
CEC	10.7		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	959
N (lb/A)	102
P2O5 (LB/A)	49
K2O (LB/A)	88
MGO (LB/a)	9

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

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<b>COUNTY:</b>	<b>Philadelphia</b>	<b># of Samples</b>	16
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.4		
P (ppm)	59		
K (ppm)	127	<b>K (% Sat)</b>	3.2
Mg (ppm)	195	<b>Mg (% Sat)</b>	17.6
Ca (ppm)	1,325	<b>Ca (% Sat)</b>	57.0
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1313
N (lb/A)	68
P2O5 (LB/A)	60
K20 (LB/A)	64
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Pike</b>	<b># of Samples</b>	4
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	93		
K (ppm)	102	<b>K (% Sat)</b>	2.1
Mg (ppm)	259	<b>Mg (% Sat)</b>	5.8
Ca (ppm)	1,357	<b>Ca (% Sat)</b>	56.3
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	67
P2O5 (LB/A)	90
K20 (LB/A)	140
MGO (LB/a)	0

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

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COUNTY: **Potter** # of Samples 221

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.3		
P (ppm)	59		
K (ppm)	142	K (% Sat)	2.8
Mg (ppm)	202	Mg (% Sat)	4.5
Ca (ppm)	1,323	Ca (% Sat)	51.0
CEC	12.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2867
N (lb/A)	85
P2O5 (LB/A)	53
K20 (LB/A)	79
MGO (LB/a)	16

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COUNTY: **Schuylkill** # of Samples 297

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	133		
K (ppm)	155	K (% Sat)	4.0
Mg (ppm)	156	Mg (% Sat)	7.0
Ca (ppm)	1,226	Ca (% Sat)	58.8
CEC	10.2		

---

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1536
N (lb/A)	107
P2O5 (LB/A)	42
K20 (LB/A)	62
MGO (LB/a)	9

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

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<b>COUNTY:</b>	<b>Snyder</b>	<b># of Samples</b>	333
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	129		
K (ppm)	175	<b>K (% Sat)</b>	4.0
Mg (ppm)	145	<b>Mg (% Sat)</b>	2.6
Ca (ppm)	1,420	<b>Ca (% Sat)</b>	62.1
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1613
N (lb/A)	106
P2O5 (LB/A)	53
K20 (LB/A)	86
MGO (LB/a)	18

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<b>COUNTY:</b>	<b>Somerset</b>	<b># of Samples</b>	257
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	46		
K (ppm)	142	<b>K (% Sat)</b>	3.0
Mg (ppm)	137	<b>Mg (% Sat)</b>	4.6
Ca (ppm)	1,452	<b>Ca (% Sat)</b>	57.9
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2647
N (lb/A)	143
P2O5 (LB/A)	75
K20 (LB/A)	122
MGO (LB/a)	20

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

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<b>COUNTY:</b>	<b>Sullivan</b>	<b># of Samples</b>	47
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.1		
P (ppm)	101		
K (ppm)	142	K (% Sat)	3.3
Mg (ppm)	127	Mg (% Sat)	2.3
Ca (ppm)	1,158	Ca (% Sat)	52.7
CEC	11.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2979
N (lb/A)	76
P2O5 (LB/A)	61
K20 (LB/A)	93
MGO (LB/a)	19

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<b>COUNTY:</b>	<b>Susquehanna</b>	<b># of Samples</b>	523
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.5		
P (ppm)	62		
K (ppm)	136	K (% Sat)	2.8
Mg (ppm)	189	Mg (% Sat)	6.4
Ca (ppm)	1,146	Ca (% Sat)	47.1
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3130
N (lb/A)	112
P2O5 (LB/A)	55
K20 (LB/A)	103
MGO (LB/a)	16

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

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**COUNTY: Tioga** **# of Samples** 660

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.6		
P (ppm)	65		
K (ppm)	161	K (% Sat)	3.1
Mg (ppm)	209	Mg (% Sat)	4.6
Ca (ppm)	1,588	Ca (% Sat)	57.3
CEC	13.3		

---

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2392
N (lb/A)	85
P2O5 (LB/A)	46
K20 (LB/A)	97
MGO (LB/a)	6

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**COUNTY: Union** **# of Samples** 369

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	85		
K (ppm)	157	K (% Sat)	3.9
Mg (ppm)	149	Mg (% Sat)	8.6
Ca (ppm)	1,367	Ca (% Sat)	63.4
CEC	10.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1317
N (lb/A)	111
P2O5 (LB/A)	59
K20 (LB/A)	101
MGO (LB/a)	5

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

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COUNTY: **Venango** # of Samples **82**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	47		
K (ppm)	149	K (% Sat)	3.5
Mg (ppm)	189	Mg (% Sat)	9.7
Ca (ppm)	1,172	Ca (% Sat)	49.7
CEC	11.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2591
N (lb/A)	113
P2O5 (LB/A)	67
K20 (LB/A)	79
MGO (LB/a)	33

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COUNTY: **Warren** # of Samples **114**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.6		
P (ppm)	42		
K (ppm)	125	K (% Sat)	2.6
Mg (ppm)	208	Mg (% Sat)	10.5
Ca (ppm)	1,139	Ca (% Sat)	46.6
CEC	12.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3101
N (lb/A)	192
P2O5 (LB/A)	71
K20 (LB/A)	139
MGO (LB/a)	14

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

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<b>COUNTY:</b>	<b>Washington</b>	<b># of Samples</b>	508
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	32		
K (ppm)	140	K (% Sat)	2.7
Mg (ppm)	222	Mg (% Sat)	9.8
Ca (ppm)	1,694	Ca (% Sat)	59.2
CEC	13.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2072
N (lb/A)	88
P2O5 (LB/A)	71
K20 (LB/A)	85
MGO (LB/a)	9

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<b>COUNTY:</b>	<b>Wayne</b>	<b># of Samples</b>	135
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.1		
P (ppm)	77		
K (ppm)	118	K (% Sat)	2.5
Mg (ppm)	136	Mg (% Sat)	4.7
Ca (ppm)	1,192	Ca (% Sat)	51.3
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2845
N (lb/A)	116
P2O5 (LB/A)	53
K20 (LB/A)	108
MGO (LB/a)	32

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

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COUNTY: **Westmoreland** # of Samples 835

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	48		
K (ppm)	140	K (% Sat)	2.8
Mg (ppm)	183	Mg (% Sat)	3.2
Ca (ppm)	1,688	Ca (% Sat)	56.5
CEC	13.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2475
N (lb/A)	102
P2O5 (LB/A)	70
K20 (LB/A)	80
MGO (LB/a)	14

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COUNTY: **Wyoming** # of Samples 321

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	80		
K (ppm)	122	K (% Sat)	3.1
Mg (ppm)	167	Mg (% Sat)	2.1
Ca (ppm)	1,076	Ca (% Sat)	52.4
CEC	10.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2192
N (lb/A)	142
P2O5 (LB/A)	42
K20 (LB/A)	125
MGO (LB/a)	16

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

COUNTY:	York		# of Samples	288
<b>SOIL TEST RESULTS</b>				
RESULT	AVERAGE	RESULT	AVERAGE	
pH	6.3			
Acidity (meq/100 g)	3.1			
P (ppm)	61			
K (ppm)	150	K (% Sat)	3.7	
Mg (ppm)	161	Mg (% Sat)	1.9	
Ca (ppm)	1,193	Ca (% Sat)	55.5	
CEC	10.7			
<b>SOIL TEST RECOMMENDATIONS</b>				
RECOMMENDATION	AVERAGE			
LIME (lb/A)	1905			
N (lb/A)	112			
P2O5 (LB/A)	61			
K2O (LB/A)	89			
MGO (LB/a)	12			