

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

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**# of Samples**            21,923

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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)	3.1		
P (ppm)	74		
K (ppm)	144	K (% Sat)	3.2
Mg (ppm)	168	Mg (% Sat)	12.1
Ca (ppm)	1,406	Ca (% Sat)	57.3
CEC	11.6		

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**SOIL TEST RECOMMENDATIONS**

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<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2011
N (lb/A)	104
P2O5 (LB/A)	59
K20 (LB/A)	107
MGO (LB/a)	16

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

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COUNTY: **Adams** # of Samples 239

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	106		
K (ppm)	194	K (% Sat)	4.0
Mg (ppm)	231	Mg (% Sat)	5.3
Ca (ppm)	1,626	Ca (% Sat)	63.4
CEC	12.7		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	977
N (lb/A)	136
P2O5 (LB/A)	60
K20 (LB/A)	134
MGO (LB/a)	24

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COUNTY: **Allegheny** # of Samples 456

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	6.4		
P (ppm)	51		
K (ppm)	141	K (% Sat)	2.6
Mg (ppm)	153	Mg (% Sat)	11.5
Ca (ppm)	1,310	Ca (% Sat)	41.2
CEC	13.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5019
N (lb/A)	97
P2O5 (LB/A)	55
K20 (LB/A)	77
MGO (LB/a)	46

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

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COUNTY: **Armstrong** # of Samples 140

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	41		
K (ppm)	117	K (% Sat)	2.6
Mg (ppm)	160	Mg (% Sat)	1.2
Ca (ppm)	1,499	Ca (% Sat)	57.2
CEC	11.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2407
N (lb/A)	68
P2O5 (LB/A)	82
K20 (LB/A)	130
MGO (LB/a)	24

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COUNTY: **Beaver** # of Samples 143

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	42		
K (ppm)	133	K (% Sat)	3.2
Mg (ppm)	140	Mg (% Sat)	8.4
Ca (ppm)	1,258	Ca (% Sat)	55.5
CEC	11.0		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2402
N (lb/A)	102
P2O5 (LB/A)	65
K20 (LB/A)	120
MGO (LB/a)	36

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

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COUNTY: **Bedford** # of Samples **292**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	66		
K (ppm)	134	<b>K (% Sat)</b>	3.4
Mg (ppm)	159	<b>Mg (% Sat)</b>	6.6
Ca (ppm)	1,314	<b>Ca (% Sat)</b>	59.1
CEC	10.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1656
N (lb/A)	123
P2O5 (LB/A)	59
K20 (LB/A)	140
MGO (LB/a)	19

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COUNTY: **Berks** # of Samples **774**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	101		
K (ppm)	156	<b>K (% Sat)</b>	3.6
Mg (ppm)	170	<b>Mg (% Sat)</b>	5.5
Ca (ppm)	1,511	<b>Ca (% Sat)</b>	64.6
CEC	11.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1028
N (lb/A)	85
P2O5 (LB/A)	43
K20 (LB/A)	81
MGO (LB/a)	6

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

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COUNTY: **Blair** # of Samples 291

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	76		
K (ppm)	155	K (% Sat)	3.5
Mg (ppm)	247	Mg (% Sat)	2.3
Ca (ppm)	1,614	Ca (% Sat)	62.4
CEC	12.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1080
N (lb/A)	128
P2O5 (LB/A)	64
K20 (LB/A)	121
MGO (LB/a)	9

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COUNTY: **Bradford** # of Samples 1,278

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.7		
P (ppm)	75		
K (ppm)	132	K (% Sat)	2.7
Mg (ppm)	187	Mg (% Sat)	9.7
Ca (ppm)	1,389	Ca (% Sat)	53.5
CEC	12.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2491
N (lb/A)	120
P2O5 (LB/A)	52
K20 (LB/A)	136
MGO (LB/a)	25

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

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<b>COUNTY:</b>	<b>Bucks</b>	<b># of Samples</b>	201
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	56		
K (ppm)	127	K (% Sat)	2.8
Mg (ppm)	225	Mg (% Sat)	15.8
Ca (ppm)	1,175	Ca (% Sat)	50.2
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2030
N (lb/A)	101
P2O5 (LB/A)	44
K20 (LB/A)	97
MGO (LB/a)	7

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<b>COUNTY:</b>	<b>Butler</b>	<b># of Samples</b>	514
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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)	121	K (% Sat)	2.8
Mg (ppm)	134	Mg (% Sat)	6.0
Ca (ppm)	1,349	Ca (% Sat)	58.5
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2131
N (lb/A)	102
P2O5 (LB/A)	69
K20 (LB/A)	98
MGO (LB/a)	17

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

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**COUNTY: Cambria** **# of Samples** 305

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.4		
P (ppm)	48		
K (ppm)	136	K (% Sat)	2.9
Mg (ppm)	223	Mg (% Sat)	6.1
Ca (ppm)	1,435	Ca (% Sat)	50.5
CEC	12.7		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3590
N (lb/A)	88
P2O5 (LB/A)	70
K20 (LB/A)	116
MGO (LB/a)	8

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**COUNTY: Cameron** **# of Samples** 50

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.4		
P (ppm)	32		
K (ppm)	97	K (% Sat)	2.0
Mg (ppm)	102	Mg (% Sat)	5.1
Ca (ppm)	1,642	Ca (% Sat)	56.9
CEC	13.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3360
N (lb/A)	48
P2O5 (LB/A)	59
K20 (LB/A)	103
MGO (LB/a)	25

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

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COUNTY: **Carbon** # of Samples **51**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	51		
K (ppm)	94	K (% Sat)	2.4
Mg (ppm)	150	Mg (% Sat)	7.7
Ca (ppm)	912	Ca (% Sat)	45.4
CEC	9.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2735
N (lb/A)	121
P2O5 (LB/A)	51
K2O (LB/A)	140
MGO (LB/a)	28

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COUNTY: **Centre** # of Samples **2,942**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	100		
K (ppm)	160	K (% Sat)	3.9
Mg (ppm)	145	Mg (% Sat)	5.0
Ca (ppm)	1,565	Ca (% Sat)	63.8
CEC	10.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1133
N (lb/A)	96
P2O5 (LB/A)	54
K2O (LB/A)	99
MGO (LB/a)	11



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

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COUNTY: **Chester** # of Samples 195

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.5		
P (ppm)	78		
K (ppm)	217	K (% Sat)	3.8
Mg (ppm)	326	Mg (% Sat)	14.2
Ca (ppm)	2,294	Ca (% Sat)	65.6
CEC	14.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	782
N (lb/A)	126
P2O5 (LB/A)	67
K20 (LB/A)	106
MGO (LB/a)	14

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COUNTY: **Clarion** # of Samples 169

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	27		
K (ppm)	95	K (% Sat)	2.1
Mg (ppm)	177	Mg (% Sat)	3.6
Ca (ppm)	1,364	Ca (% Sat)	55.5
CEC	11.7		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2633
N (lb/A)	128
P2O5 (LB/A)	85
K20 (LB/A)	135
MGO (LB/a)	26

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

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**COUNTY: Clearfield** **# of Samples** 379

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	59		
K (ppm)	129	K (% Sat)	2.7
Mg (ppm)	121	Mg (% Sat)	2.7
Ca (ppm)	1,761	Ca (% Sat)	62.3
CEC	12.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2368
N (lb/A)	70
P2O5 (LB/A)	65
K20 (LB/A)	108
MGO (LB/a)	16

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**COUNTY: Clinton** **# of Samples** 197

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	49		
K (ppm)	175	K (% Sat)	3.7
Mg (ppm)	166	Mg (% Sat)	5.9
Ca (ppm)	1,642	Ca (% Sat)	66.3
CEC	12.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1160
N (lb/A)	89
P2O5 (LB/A)	65
K20 (LB/A)	109
MGO (LB/a)	14

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

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COUNTY: **Columbia** # of Samples 607

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.4		
P (ppm)	80		
K (ppm)	137	K (% Sat)	3.4
Mg (ppm)	132	Mg (% Sat)	4.5
Ca (ppm)	1,122	Ca (% Sat)	52.4
CEC	10.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2153
N (lb/A)	91
P2O5 (LB/A)	42
K20 (LB/A)	88
MGO (LB/a)	8

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COUNTY: **Crawford** # of Samples 581

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**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)	171	Mg (% Sat)	4.6
Ca (ppm)	1,117	Ca (% Sat)	48.0
CEC	11.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2647
N (lb/A)	90
P2O5 (LB/A)	51
K20 (LB/A)	83
MGO (LB/a)	17

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

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<b>COUNTY:</b>	<b>Cumberland</b>	<b># of Samples</b>	256
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	68		
K (ppm)	162	<b>K (% Sat)</b>	3.7
Mg (ppm)	190	<b>Mg (% Sat)</b>	7.2
Ca (ppm)	1,490	<b>Ca (% Sat)</b>	63.0
CEC	11.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1193
N (lb/A)	115
P2O5 (LB/A)	52
K20 (LB/A)	90
MGO (LB/a)	7

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<b>COUNTY:</b>	<b>Dauphin</b>	<b># of Samples</b>	292
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	112		
K (ppm)	163	<b>K (% Sat)</b>	3.7
Mg (ppm)	150	<b>Mg (% Sat)</b>	8.1
Ca (ppm)	1,335	<b>Ca (% Sat)</b>	59.9
CEC	11.0		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1580
N (lb/A)	107
P2O5 (LB/A)	48
K20 (LB/A)	105
MGO (LB/a)	16

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

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COUNTY: **Delaware** # of Samples **35**

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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)	137	K (% Sat)	3.2
Mg (ppm)	224	Mg (% Sat)	6.6
Ca (ppm)	1,417	Ca (% Sat)	58.2
CEC	10.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1143
N (lb/A)	119
P2O5 (LB/A)	45
K20 (LB/A)	117
MGO (LB/a)	35

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COUNTY: **Eik** # of Samples **74**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.3		
P (ppm)	31		
K (ppm)	109	K (% Sat)	2.1
Mg (ppm)	124	Mg (% Sat)	4.8
Ca (ppm)	1,863	Ca (% Sat)	66.0
CEC	13.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2230
N (lb/A)	86
P2O5 (LB/A)	79
K20 (LB/A)	131
MGO (LB/a)	23

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

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**COUNTY: Erie** **# of Samples** 334

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.2		
P (ppm)	39		
K (ppm)	109	K (% Sat)	2.5
Mg (ppm)	163	Mg (% Sat)	5.6
Ca (ppm)	1,071	Ca (% Sat)	47.2
CEC	11.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2987
N (lb/A)	97
P2O5 (LB/A)	68
K20 (LB/A)	101
MGO (LB/a)	8

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**COUNTY: Fayette** **# of Samples** 207

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	38		
K (ppm)	141	K (% Sat)	2.9
Mg (ppm)	165	Mg (% Sat)	10.6
Ca (ppm)	1,470	Ca (% Sat)	56.0
CEC	12.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2729
N (lb/A)	113
P2O5 (LB/A)	72
K20 (LB/A)	106
MGO (LB/a)	24

**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>	55
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.1		
P (ppm)	31		
K (ppm)	100	<b>K (% Sat)</b>	2.7
Mg (ppm)	82	<b>Mg (% Sat)</b>	2.6
Ca (ppm)	1,065	<b>Ca (% Sat)</b>	56.6
CEC	9.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2255
N (lb/A)	88
P2O5 (LB/A)	81
K20 (LB/A)	154
MGO (LB/a)	45

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.3		
P (ppm)	68		
K (ppm)	155	<b>K (% Sat)</b>	4.1
Mg (ppm)	176	<b>Mg (% Sat)</b>	6.8
Ca (ppm)	1,397	<b>Ca (% Sat)</b>	68.6
CEC	10.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	562
N (lb/A)	88
P2O5 (LB/A)	49
K20 (LB/A)	118
MGO (LB/a)	8

**SUMMARY REPORT**  
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 Agronomic Samples

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**COUNTY:     Fulton** **# of Samples**                   104

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	44		
K (ppm)	134	K (% Sat)	3.4
Mg (ppm)	187	Mg (% Sat)	7.6
Ca (ppm)	1,433	Ca (% Sat)	65.2
CEC	10.7		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	817
N (lb/A)	118
P2O5 (LB/A)	67
K20 (LB/A)	126
MGO (LB/a)	9

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**COUNTY:     GREENE** **# of Samples**                   76

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	54		
K (ppm)	144	K (% Sat)	2.7
Mg (ppm)	213	Mg (% Sat)	10.5
Ca (ppm)	1,592	Ca (% Sat)	55.5
CEC	13.9		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	3308
N (lb/A)	114
P2O5 (LB/A)	49
K20 (LB/A)	103
MGO (LB/a)	35



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

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COUNTY: **GREENE** # of Samples 1

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.4		
P (ppm)	55		
K (ppm)	147	K (% Sat)	2.0
Mg (ppm)	305	Mg (% Sat)	13.6
Ca (ppm)	2,466	Ca (% Sat)	66.1
CEC	18.6		

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**SOIL TEST RECOMMENDATIONS**

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

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COUNTY: **GREENE** # of Samples 1

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	47		
K (ppm)	136	K (% Sat)	2.3
Mg (ppm)	290	Mg (% Sat)	15.6
Ca (ppm)	2,143	Ca (% Sat)	69.2
CEC	15.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	100
P2O5 (LB/A)	0
K20 (LB/A)	60
MGO (LB/a)	

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

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**COUNTY:     Huntingdon** **# of Samples**           318

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	49		
K (ppm)	137	K (% Sat)	3.1
Mg (ppm)	199	Mg (% Sat)	9.6
Ca (ppm)	1,471	Ca (% Sat)	62.3
CEC	11.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1421
N (lb/A)	102
P2O5 (LB/A)	68
K20 (LB/A)	126
MGO (LB/a)	9

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**COUNTY:     Indiana** **# of Samples**           442

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	40		
K (ppm)	133	K (% Sat)	2.9
Mg (ppm)	171	Mg (% Sat)	12.9
Ca (ppm)	1,356	Ca (% Sat)	53.9
CEC	11.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2621
N (lb/A)	80
P2O5 (LB/A)	66
K20 (LB/A)	95
MGO (LB/a)	10

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

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COUNTY: **Jefferson** # of Samples 345

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	37		
K (ppm)	128	K (% Sat)	2.7
Mg (ppm)	144	Mg (% Sat)	3.5
Ca (ppm)	1,530	Ca (% Sat)	59.4
CEC	12.4		

---

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2255
N (lb/A)	102
P2O5 (LB/A)	73
K20 (LB/A)	115
MGO (LB/a)	12

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COUNTY: **Juniata** # of Samples 486

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	115		
K (ppm)	154	K (% Sat)	3.7
Mg (ppm)	136	Mg (% Sat)	6.4
Ca (ppm)	1,327	Ca (% Sat)	60.3
CEC	10.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1447
N (lb/A)	92
P2O5 (LB/A)	50
K20 (LB/A)	114
MGO (LB/a)	15

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

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**COUNTY: Lackawanna** **# of Samples** 451

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	7.3		
P (ppm)	48		
K (ppm)	106	<b>K (% Sat)</b>	2.2
Mg (ppm)	109	<b>Mg (% Sat)</b>	5.0
Ca (ppm)	900	<b>Ca (% Sat)</b>	36.4
CEC	12.7		

---

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5702
N (lb/A)	72
P2O5 (LB/A)	51
K20 (LB/A)	69
MGO (LB/a)	27

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**COUNTY: Lancaster** **# of Samples** 288

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.1		
P (ppm)	139		
K (ppm)	186	<b>K (% Sat)</b>	4.0
Mg (ppm)	181	<b>Mg (% Sat)</b>	8.7
Ca (ppm)	1,863	<b>Ca (% Sat)</b>	65.2
CEC	12.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1132
N (lb/A)	117
P2O5 (LB/A)	52
K20 (LB/A)	86
MGO (LB/a)	10

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

COUNTY:	<b>Lawrence</b>	# of Samples			
		195			
SOIL TEST RESULTS					
RESULT	AVERAGE	RESULT	AVERAGE		
pH	6.2				
Acidity (meq/100 g)	2.9				
P (ppm)	52				
K (ppm)	119	K (% Sat)	3.0		
Mg (ppm)	143	Mg (% Sat)	10.3		
Ca (ppm)	1,219	Ca (% Sat)	57.5		
CEC	10.5				
SOIL TEST RECOMMENDATIONS					
RECOMMENDATION	AVERAGE				
LIME (lb/A)	1841				
N (lb/A)	94				
P2O5 (LB/A)	55				
K20 (LB/A)	96				
MGO (LB/a)	14				

COUNTY:	<b>Lebanon</b>	# of Samples			
		516			
SOIL TEST RESULTS					
RESULT	AVERAGE	RESULT	AVERAGE		
pH	6.4				
Acidity (meq/100 g)	2.5				
P (ppm)	89				
K (ppm)	184	K (% Sat)	4.3		
Mg (ppm)	192	Mg (% Sat)	8.1		
Ca (ppm)	1,310	Ca (% Sat)	58.1		
CEC	11.1				
SOIL TEST RECOMMENDATIONS					
RECOMMENDATION	AVERAGE				
LIME (lb/A)	1276				
N (lb/A)	108				
P2O5 (LB/A)	64				
K20 (LB/A)	110				
MGO (LB/a)	16				

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

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<b>COUNTY:</b>	<b>Lehigh</b>	<b># of Samples</b>	119
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.4		
P (ppm)	54		
K (ppm)	143	K (% Sat)	3.0
Mg (ppm)	227	Mg (% Sat)	4.0
Ca (ppm)	1,361	Ca (% Sat)	54.2
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1370
N (lb/A)	107
P2O5 (LB/A)	50
K20 (LB/A)	68
MGO (LB/a)	7

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<b>COUNTY:</b>	<b>Luzerne</b>	<b># of Samples</b>	251
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.5		
P (ppm)	77		
K (ppm)	116	K (% Sat)	2.8
Mg (ppm)	143	Mg (% Sat)	7.3
Ca (ppm)	1,164	Ca (% Sat)	52.3
CEC	10.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2482
N (lb/A)	105
P2O5 (LB/A)	48
K20 (LB/A)	102
MGO (LB/a)	16

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

COUNTY:	<b>Lycoming</b>	# of Samples			
		432			
SOIL TEST RESULTS					
RESULT	AVERAGE	RESULT	AVERAGE		
pH	6.4				
Acidity (meq/100 g)	2.6				
P (ppm)	90				
K (ppm)	142	K (% Sat)	3.3		
Mg (ppm)	163	Mg (% Sat)	7.1		
Ca (ppm)	1,326	Ca (% Sat)	59.4		
CEC	10.9				
SOIL TEST RECOMMENDATIONS					
RECOMMENDATION	AVERAGE				
LIME (lb/A)	1634				
N (lb/A)	93				
P2O5 (LB/A)	53				
K20 (LB/A)	107				
MGO (LB/a)	20				

COUNTY:	<b>McKean</b>	# of Samples			
		53			
SOIL TEST RESULTS					
RESULT	AVERAGE	RESULT	AVERAGE		
pH	6.0				
Acidity (meq/100 g)	4.3				
P (ppm)	34				
K (ppm)	90	K (% Sat)	1.7		
Mg (ppm)	158	Mg (% Sat)	3.3		
Ca (ppm)	1,809	Ca (% Sat)	53.5		
CEC	13.1				
SOIL TEST RECOMMENDATIONS					
RECOMMENDATION	AVERAGE				
LIME (lb/A)	3000				
N (lb/A)	151				
P2O5 (LB/A)	87				
K20 (LB/A)	137				
MGO (LB/a)	28				

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

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COUNTY: **Mercer** # of Samples 399

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.1		
P (ppm)	50		
K (ppm)	113	K (% Sat)	2.8
Mg (ppm)	167	Mg (% Sat)	4.8
Ca (ppm)	1,171	Ca (% Sat)	54.6
CEC	10.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1799
N (lb/A)	107
P2O5 (LB/A)	55
K20 (LB/A)	101
MGO (LB/a)	11

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COUNTY: **Mifflin** # of Samples 87

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	87		
K (ppm)	164	K (% Sat)	3.7
Mg (ppm)	162	Mg (% Sat)	4.5
Ca (ppm)	1,452	Ca (% Sat)	61.6
CEC	11.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1678
N (lb/A)	95
P2O5 (LB/A)	52
K20 (LB/A)	84
MGO (LB/a)	30



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

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COUNTY: **Monroe** # of Samples 39

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	65		
K (ppm)	96	K (% Sat)	2.4
Mg (ppm)	147	Mg (% Sat)	2.1
Ca (ppm)	975	Ca (% Sat)	47.5
CEC	10.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2282
N (lb/A)	116
P2O5 (LB/A)	56
K20 (LB/A)	111
MGO (LB/a)	55

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COUNTY: **Montgomery** # of Samples 193

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	74		
K (ppm)	131	K (% Sat)	2.8
Mg (ppm)	244	Mg (% Sat)	11.0
Ca (ppm)	1,434	Ca (% Sat)	52.6
CEC	12.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1990
N (lb/A)	61
P2O5 (LB/A)	46
K20 (LB/A)	89
MGO (LB/a)	6

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

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COUNTY: **Montour** # of Samples 192

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	59		
K (ppm)	149	K (% Sat)	3.5
Mg (ppm)	134	Mg (% Sat)	7.8
Ca (ppm)	1,296	Ca (% Sat)	57.4
CEC	11.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1891
N (lb/A)	115
P2O5 (LB/A)	49
K20 (LB/A)	90
MGO (LB/a)	3

---

COUNTY: **Northampton** # of Samples 93

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	52		
K (ppm)	114	K (% Sat)	2.7
Mg (ppm)	173	Mg (% Sat)	6.4
Ca (ppm)	1,298	Ca (% Sat)	51.0
CEC	11.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2355
N (lb/A)	121
P2O5 (LB/A)	61
K20 (LB/A)	96
MGO (LB/a)	21

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

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COUNTY: **Northumberland** # of Samples **543**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	90		
K (ppm)	159	K (% Sat)	3.8
Mg (ppm)	127	Mg (% Sat)	6.6
Ca (ppm)	1,332	Ca (% Sat)	60.7
CEC	10.9		

---

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1650
N (lb/A)	108
P2O5 (LB/A)	42
K20 (LB/A)	82
MGO (LB/a)	11

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COUNTY: **Perry** # of Samples **840**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	86		
K (ppm)	158	K (% Sat)	3.8
Mg (ppm)	188	Mg (% Sat)	9.3
Ca (ppm)	1,357	Ca (% Sat)	61.6
CEC	10.7		

---

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1337
N (lb/A)	97
P2O5 (LB/A)	46
K20 (LB/A)	123
MGO (LB/a)	8

**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>	23
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.6		
P (ppm)	193		
K (ppm)	269	<b>K (% Sat)</b>	5.5
Mg (ppm)	273	<b>Mg (% Sat)</b>	10.7
Ca (ppm)	1,660	<b>Ca (% Sat)</b>	63.6
CEC	12.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	391
N (lb/A)	74
P2O5 (LB/A)	40
K2O (LB/A)	34
MGO (LB/a)	5

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<b>COUNTY:</b>	<b>Pike</b>	<b># of Samples</b>	35
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.6		
P (ppm)	114		
K (ppm)	116	<b>K (% Sat)</b>	2.9
Mg (ppm)	112	<b>Mg (% Sat)</b>	3.0
Ca (ppm)	1,062	<b>Ca (% Sat)</b>	50.0
CEC	10.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2257
N (lb/A)	141
P2O5 (LB/A)	48
K2O (LB/A)	116
MGO (LB/a)	57

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

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<b>COUNTY:</b>	<b>Potter</b>	<b># of Samples</b>	84
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.0		
P (ppm)	32		
K (ppm)	123	<b>K (% Sat)</b>	2.7
Mg (ppm)	162	<b>Mg (% Sat)</b>	3.3
Ca (ppm)	1,063	<b>Ca (% Sat)</b>	43.5
CEC	12.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4030
N (lb/A)	61
P2O5 (LB/A)	57
K20 (LB/A)	63
MGO (LB/a)	13

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<b>COUNTY:</b>	<b>Schuylkill</b>	<b># of Samples</b>	283
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.0		
P (ppm)	101		
K (ppm)	129	<b>K (% Sat)</b>	3.3
Mg (ppm)	119	<b>Mg (% Sat)</b>	8.5
Ca (ppm)	1,053	<b>Ca (% Sat)</b>	50.2
CEC	10.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3121
N (lb/A)	125
P2O5 (LB/A)	48
K20 (LB/A)	76
MGO (LB/a)	17

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

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COUNTY: **Snyder** # of Samples 340

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	96		
K (ppm)	176	K (% Sat)	3.7
Mg (ppm)	151	Mg (% Sat)	11.6
Ca (ppm)	1,510	Ca (% Sat)	61.0
CEC	12.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1821
N (lb/A)	112
P2O5 (LB/A)	54
K20 (LB/A)	117
MGO (LB/a)	17

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COUNTY: **Somerset** # of Samples 273

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	42		
K (ppm)	138	K (% Sat)	2.9
Mg (ppm)	167	Mg (% Sat)	6.3
Ca (ppm)	1,397	Ca (% Sat)	55.7
CEC	12.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2487
N (lb/A)	125
P2O5 (LB/A)	77
K20 (LB/A)	116
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>	133
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.0		
P (ppm)	76		
K (ppm)	95	<b>K (% Sat)</b>	1.9
Mg (ppm)	146	<b>Mg (% Sat)</b>	4.9
Ca (ppm)	1,355	<b>Ca (% Sat)</b>	53.6
CEC	12.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2883
N (lb/A)	123
P2O5 (LB/A)	82
K20 (LB/A)	156
MGO (LB/a)	23

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<b>COUNTY:</b>	<b>Susquehanna</b>	<b># of Samples</b>	401
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.5		
P (ppm)	59		
K (ppm)	151	<b>K (% Sat)</b>	2.9
Mg (ppm)	230	<b>Mg (% Sat)</b>	4.4
Ca (ppm)	1,121	<b>Ca (% Sat)</b>	44.4
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2943
N (lb/A)	146
P2O5 (LB/A)	64
K20 (LB/A)	152
MGO (LB/a)	24

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

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COUNTY: **Tioga** # of Samples 419

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	54		
K (ppm)	136	K (% Sat)	2.7
Mg (ppm)	212	Mg (% Sat)	15.4
Ca (ppm)	1,396	Ca (% Sat)	52.8
CEC	12.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2731
N (lb/A)	85
P2O5 (LB/A)	48
K20 (LB/A)	119
MGO (LB/a)	9

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COUNTY: **Union** # of Samples 299

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	87		
K (ppm)	139	K (% Sat)	3.3
Mg (ppm)	147	Mg (% Sat)	4.3
Ca (ppm)	1,352	Ca (% Sat)	63.0
CEC	10.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1181
N (lb/A)	113
P2O5 (LB/A)	56
K20 (LB/A)	103
MGO (LB/a)	7



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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.2		
P (ppm)	26		
K (ppm)	103	<b>K (% Sat)</b>	2.7
Mg (ppm)	108	<b>Mg (% Sat)</b>	3.5
Ca (ppm)	927	<b>Ca (% Sat)</b>	45.7
CEC	10.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3258
N (lb/A)	133
P2O5 (LB/A)	79
K20 (LB/A)	101
MGO (LB/a)	28

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<b>COUNTY:</b>	<b>Warren</b>	<b># of Samples</b>	114
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	58		
K (ppm)	143	<b>K (% Sat)</b>	2.9
Mg (ppm)	187	<b>Mg (% Sat)</b>	7.9
Ca (ppm)	1,332	<b>Ca (% Sat)</b>	51.5
CEC	12.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2754
N (lb/A)	154
P2O5 (LB/A)	70
K20 (LB/A)	144
MGO (LB/a)	30

**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>	316
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	33		
K (ppm)	152	<b>K (% Sat)</b>	2.9
Mg (ppm)	238	<b>Mg (% Sat)</b>	8.1
Ca (ppm)	1,548	<b>Ca (% Sat)</b>	54.0
CEC	13.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2467
N (lb/A)	91
P2O5 (LB/A)	62
K20 (LB/A)	97
MGO (LB/a)	17

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<b>COUNTY:</b>	<b>Wayne</b>	<b># of Samples</b>	94
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.6		
P (ppm)	105		
K (ppm)	90	<b>K (% Sat)</b>	2.2
Mg (ppm)	128	<b>Mg (% Sat)</b>	3.2
Ca (ppm)	993	<b>Ca (% Sat)</b>	43.7
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3196
N (lb/A)	101
P2O5 (LB/A)	33
K20 (LB/A)	141
MGO (LB/a)	46

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

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COUNTY: **Westmoreland** # of Samples 537

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	49		
K (ppm)	144	K (% Sat)	3.0
Mg (ppm)	192	Mg (% Sat)	6.9
Ca (ppm)	1,742	Ca (% Sat)	59.6
CEC	12.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1976
N (lb/A)	112
P2O5 (LB/A)	71
K20 (LB/A)	91
MGO (LB/a)	14

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COUNTY: **Wyoming** # of Samples 328

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	85		
K (ppm)	140	K (% Sat)	3.1
Mg (ppm)	158	Mg (% Sat)	6.7
Ca (ppm)	1,183	Ca (% Sat)	47.2
CEC	10.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2664
N (lb/A)	129
P2O5 (LB/A)	52
K20 (LB/A)	125
MGO (LB/a)	41

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

COUNTY:	York		# of Samples	450
<b>SOIL TEST RESULTS</b>				
RESULT	AVERAGE	RESULT	AVERAGE	
pH	6.8			
Acidity (meq/100 g)	1.7			
P (ppm)	133			
K (ppm)	183	K (% Sat)	3.9	
Mg (ppm)	169	Mg (% Sat)	13.6	
Ca (ppm)	1,890	Ca (% Sat)	68.3	
CEC	12.0			
<b>SOIL TEST RECOMMENDATIONS</b>				
RECOMMENDATION	AVERAGE			
LIME (lb/A)	881			
N (lb/A)	129			
P2O5 (LB/A)	64			
K2O (LB/A)	89			
MGO (LB/a)	8			