

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Agronomic Samples

of Samples 18,024

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	78		
K (ppm)	144	K (% Sat)	3.1
Mg (ppm)	183	Mg (% Sat)	13.1
Ca (ppm)	1,469	Ca (% Sat)	58.5
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1861
N (lb/A)	97
P2O5 (LB/A)	55
K2O (LB/A)	104
MGO (LB/a)	9

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

COUNTY: **Adams** # of Samples 145

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	97		
K (ppm)	155	K (% Sat)	2.9
Mg (ppm)	282	Mg (% Sat)	9.0
Ca (ppm)	1,555	Ca (% Sat)	57.6
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1425
N (lb/A)	120
P2O5 (LB/A)	54
K20 (LB/A)	110
MGO (LB/a)	4

COUNTY: **Allegheny** # of Samples 100

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.1		
P (ppm)	52		
K (ppm)	132	K (% Sat)	2.4
Mg (ppm)	257	Mg (% Sat)	6.6
Ca (ppm)	2,503	Ca (% Sat)	58.1
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2105
N (lb/A)	75
P2O5 (LB/A)	65
K20 (LB/A)	67
MGO (LB/a)	21

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

COUNTY: **Armstrong** # of Samples 166

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	34		
K (ppm)	111	K (% Sat)	2.4
Mg (ppm)	181	Mg (% Sat)	7.6
Ca (ppm)	1,727	Ca (% Sat)	58.5
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2133
N (lb/A)	105
P2O5 (LB/A)	84
K20 (LB/A)	119
MGO (LB/a)	25

COUNTY: **Beaver** # of Samples 79

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.7		
P (ppm)	48		
K (ppm)	130	K (% Sat)	2.8
Mg (ppm)	162	Mg (% Sat)	6.6
Ca (ppm)	1,317	Ca (% Sat)	54.8
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2614
N (lb/A)	106
P2O5 (LB/A)	75
K20 (LB/A)	117
MGO (LB/a)	21

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

COUNTY: **Bedford** # of Samples **276**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	65		
K (ppm)	162	K (% Sat)	3.6
Mg (ppm)	169	Mg (% Sat)	5.9
Ca (ppm)	1,443	Ca (% Sat)	59.4
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1826
N (lb/A)	108
P2O5 (LB/A)	55
K20 (LB/A)	121
MGO (LB/a)	21

COUNTY: **Berks** # of Samples **423**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	137		
K (ppm)	234	K (% Sat)	4.2
Mg (ppm)	199	Mg (% Sat)	8.8
Ca (ppm)	1,568	Ca (% Sat)	61.6
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1194
N (lb/A)	100
P2O5 (LB/A)	52
K20 (LB/A)	80
MGO (LB/a)	7

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

COUNTY:	Blair	# of Samples	353
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.6		
P (ppm)	94		
K (ppm)	180	K (% Sat)	4.1
Mg (ppm)	258	Mg (% Sat)	6.9
Ca (ppm)	1,550	Ca (% Sat)	64.4
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1031
N (lb/A)	93
P2O5 (LB/A)	50
K20 (LB/A)	155
MGO (LB/a)	8

COUNTY:	Bradford	# of Samples	510
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	78		
K (ppm)	137	K (% Sat)	2.8
Mg (ppm)	238	Mg (% Sat)	9.1
Ca (ppm)	1,434	Ca (% Sat)	57.5
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1689
N (lb/A)	73
P2O5 (LB/A)	38
K20 (LB/A)	98
MGO (LB/a)	11

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

COUNTY: Bucks **# of Samples** 197

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	65		
K (ppm)	138	K (% Sat)	2.9
Mg (ppm)	258	Mg (% Sat)	4.2
Ca (ppm)	1,174	Ca (% Sat)	49.1
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1939
N (lb/A)	108
P2O5 (LB/A)	57
K20 (LB/A)	104
MGO (LB/a)	7

COUNTY: Butler **# of Samples** 619

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	44		
K (ppm)	102	K (% Sat)	2.4
Mg (ppm)	141	Mg (% Sat)	7.0
Ca (ppm)	1,340	Ca (% Sat)	58.4
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2088
N (lb/A)	104
P2O5 (LB/A)	62
K20 (LB/A)	91
MGO (LB/a)	11

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

COUNTY:	Cambria	# of Samples	244
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	69		
K (ppm)	174	K (% Sat)	3.3
Mg (ppm)	244	Mg (% Sat)	5.2
Ca (ppm)	1,493	Ca (% Sat)	56.7
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1932
N (lb/A)	83
P2O5 (LB/A)	59
K20 (LB/A)	105
MGO (LB/a)	8

COUNTY:	Cameron	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.1		
P (ppm)	32		
K (ppm)	96	K (% Sat)	2.1
Mg (ppm)	70	Mg (% Sat)	2.3
Ca (ppm)	1,686	Ca (% Sat)	63.2
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2250
N (lb/A)	95
P2O5 (LB/A)	54
K20 (LB/A)	97
MGO (LB/a)	52

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

COUNTY: **Carbon** # of Samples 24

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	103		
K (ppm)	106	K (% Sat)	2.4
Mg (ppm)	144	Mg (% Sat)	3.8
Ca (ppm)	1,157	Ca (% Sat)	48.9
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2813
N (lb/A)	61
P2O5 (LB/A)	33
K20 (LB/A)	121
MGO (LB/a)	16

COUNTY: **Centre** # of Samples 2,099

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	66		
K (ppm)	137	K (% Sat)	3.2
Mg (ppm)	159	Mg (% Sat)	11.8
Ca (ppm)	1,533	Ca (% Sat)	62.9
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1483
N (lb/A)	99
P2O5 (LB/A)	47
K20 (LB/A)	104
MGO (LB/a)	8

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

COUNTY: Chester **# of Samples** 195

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	66		
K (ppm)	174	K (% Sat)	3.6
Mg (ppm)	234	Mg (% Sat)	5.8
Ca (ppm)	1,348	Ca (% Sat)	55.9
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1362
N (lb/A)	92
P2O5 (LB/A)	59
K20 (LB/A)	102
MGO (LB/a)	13

COUNTY: Clarion **# of Samples** 209

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	29		
K (ppm)	95	K (% Sat)	2.1
Mg (ppm)	167	Mg (% Sat)	7.0
Ca (ppm)	1,484	Ca (% Sat)	58.0
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2368
N (lb/A)	104
P2O5 (LB/A)	83
K20 (LB/A)	120
MGO (LB/a)	15

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

COUNTY: Clearfield **# of Samples** 267

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	84		
K (ppm)	210	K (% Sat)	3.3
Mg (ppm)	130	Mg (% Sat)	2.0
Ca (ppm)	1,795	Ca (% Sat)	63.9
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1936
N (lb/A)	90
P2O5 (LB/A)	70
K2O (LB/A)	129
MGO (LB/a)	17

COUNTY: Clinton **# of Samples** 300

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	95		
K (ppm)	186	K (% Sat)	4.1
Mg (ppm)	201	Mg (% Sat)	13.0
Ca (ppm)	1,575	Ca (% Sat)	63.1
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1390
N (lb/A)	88
P2O5 (LB/A)	57
K2O (LB/A)	103
MGO (LB/a)	6

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

COUNTY: **Columbia** # of Samples 434

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.7		
P (ppm)	88		
K (ppm)	123	K (% Sat)	3.0
Mg (ppm)	145	Mg (% Sat)	4.7
Ca (ppm)	1,030	Ca (% Sat)	49.1
CEC	10.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2322
N (lb/A)	98
P2O5 (LB/A)	41
K20 (LB/A)	92
MGO (LB/a)	10

COUNTY: **Crawford** # of Samples 466

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.3		
P (ppm)	45		
K (ppm)	102	K (% Sat)	2.3
Mg (ppm)	169	Mg (% Sat)	6.4
Ca (ppm)	1,129	Ca (% Sat)	48.0
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2606
N (lb/A)	91
P2O5 (LB/A)	39
K20 (LB/A)	74
MGO (LB/a)	8

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

COUNTY: **Cumberland** # of Samples 193

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	103		
K (ppm)	163	K (% Sat)	3.6
Mg (ppm)	200	Mg (% Sat)	12.0
Ca (ppm)	1,537	Ca (% Sat)	62.6
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1057
N (lb/A)	125
P2O5 (LB/A)	61
K20 (LB/A)	113
MGO (LB/a)	11

COUNTY: **Dauphin** # of Samples 223

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	79		
K (ppm)	117	K (% Sat)	2.7
Mg (ppm)	152	Mg (% Sat)	6.9
Ca (ppm)	1,447	Ca (% Sat)	60.2
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1771
N (lb/A)	94
P2O5 (LB/A)	52
K20 (LB/A)	99
MGO (LB/a)	7

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

COUNTY: **Delaware** # of Samples **23**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	157		
K (ppm)	136	K (% Sat)	2.9
Mg (ppm)	234	Mg (% Sat)	13.8
Ca (ppm)	1,422	Ca (% Sat)	58.3
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1217
N (lb/A)	62
P2O5 (LB/A)	43
K20 (LB/A)	91
MGO (LB/a)	0

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

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.6		
P (ppm)	45		
K (ppm)	112	K (% Sat)	2.3
Mg (ppm)	122	Mg (% Sat)	1.5
Ca (ppm)	1,677	Ca (% Sat)	60.0
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2514
N (lb/A)	65
P2O5 (LB/A)	78
K20 (LB/A)	137
MGO (LB/a)	11

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

COUNTY: Erie **# of Samples** 248

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	51		
K (ppm)	109	K (% Sat)	2.5
Mg (ppm)	163	Mg (% Sat)	10.2
Ca (ppm)	1,157	Ca (% Sat)	48.8
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2603
N (lb/A)	95
P2O5 (LB/A)	58
K20 (LB/A)	97
MGO (LB/a)	5

COUNTY: Fayette **# of Samples** 329

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.8		
P (ppm)	47		
K (ppm)	130	K (% Sat)	2.5
Mg (ppm)	179	Mg (% Sat)	9.1
Ca (ppm)	1,656	Ca (% Sat)	57.2
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2845
N (lb/A)	98
P2O5 (LB/A)	65
K20 (LB/A)	94
MGO (LB/a)	14

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

COUNTY: **Forest** # of Samples 50

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.5		
P (ppm)	47		
K (ppm)	83	K (% Sat)	2.2
Mg (ppm)	72	Mg (% Sat)	2.0
Ca (ppm)	1,061	Ca (% Sat)	54.6
CEC	9.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2678
N (lb/A)	123
P2O5 (LB/A)	66
K2O (LB/A)	126
MGO (LB/a)	52

COUNTY: **Franklin** # of Samples 258

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	93		
K (ppm)	164	K (% Sat)	3.6
Mg (ppm)	174	Mg (% Sat)	3.9
Ca (ppm)	1,879	Ca (% Sat)	62.7
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1328
N (lb/A)	110
P2O5 (LB/A)	42
K2O (LB/A)	105
MGO (LB/a)	9

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

COUNTY: Fulton **# of Samples** 140

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	51		
K (ppm)	123	K (% Sat)	3.0
Mg (ppm)	145	Mg (% Sat)	2.8
Ca (ppm)	1,396	Ca (% Sat)	66.7
CEC	10.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1107
N (lb/A)	115
P2O5 (LB/A)	81
K20 (LB/A)	158
MGO (LB/a)	11

COUNTY: Greene **# of Samples** 64

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	41		
K (ppm)	104	K (% Sat)	2.0
Mg (ppm)	168	Mg (% Sat)	10.5
Ca (ppm)	1,606	Ca (% Sat)	60.1
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2703
N (lb/A)	119
P2O5 (LB/A)	56
K20 (LB/A)	140
MGO (LB/a)	11

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

COUNTY:	Huntingdon	# of Samples	385
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	69		
K (ppm)	161	K (% Sat)	3.4
Mg (ppm)	207	Mg (% Sat)	6.9
Ca (ppm)	1,682	Ca (% Sat)	62.1
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1496
N (lb/A)	93
P2O5 (LB/A)	60
K20 (LB/A)	115
MGO (LB/a)	10

COUNTY:	Indiana	# of Samples	363
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	46		
K (ppm)	135	K (% Sat)	2.8
Mg (ppm)	152	Mg (% Sat)	3.0
Ca (ppm)	1,433	Ca (% Sat)	54.1
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2982
N (lb/A)	94
P2O5 (LB/A)	63
K20 (LB/A)	88
MGO (LB/a)	7

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

COUNTY: **Jefferson** # of Samples 263

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	38		
K (ppm)	115	K (% Sat)	2.5
Mg (ppm)	151	Mg (% Sat)	13.8
Ca (ppm)	1,471	Ca (% Sat)	59.4
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2350
N (lb/A)	90
P2O5 (LB/A)	80
K20 (LB/A)	127
MGO (LB/a)	7

COUNTY: **Juniata** # of Samples 472

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	105		
K (ppm)	162	K (% Sat)	4.0
Mg (ppm)	164	Mg (% Sat)	10.7
Ca (ppm)	1,421	Ca (% Sat)	65.2
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	933
N (lb/A)	92
P2O5 (LB/A)	41
K20 (LB/A)	110
MGO (LB/a)	8

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

COUNTY: **Lackawanna** # of Samples 96

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	86		
K (ppm)	101	K (% Sat)	2.2
Mg (ppm)	152	Mg (% Sat)	6.7
Ca (ppm)	1,406	Ca (% Sat)	57.8
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2630
N (lb/A)	89
P2O5 (LB/A)	56
K20 (LB/A)	125
MGO (LB/a)	14

COUNTY: **Lancaster** # of Samples 357

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	135		
K (ppm)	181	K (% Sat)	4.0
Mg (ppm)	208	Mg (% Sat)	2.8
Ca (ppm)	1,949	Ca (% Sat)	64.1
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	971
N (lb/A)	122
P2O5 (LB/A)	48
K20 (LB/A)	93
MGO (LB/a)	8

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

COUNTY: **Lawrence** # of Samples 120

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	57		
K (ppm)	113	K (% Sat)	2.7
Mg (ppm)	132	Mg (% Sat)	3.2
Ca (ppm)	1,150	Ca (% Sat)	55.0
CEC	10.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2342
N (lb/A)	98
P2O5 (LB/A)	53
K20 (LB/A)	110
MGO (LB/a)	14

COUNTY: **Lebanon** # of Samples 350

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	117		
K (ppm)	174	K (% Sat)	3.8
Mg (ppm)	199	Mg (% Sat)	4.0
Ca (ppm)	1,431	Ca (% Sat)	59.1
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1319
N (lb/A)	111
P2O5 (LB/A)	48
K20 (LB/A)	111
MGO (LB/a)	3

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

COUNTY:	Lehigh	# of Samples	94
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.6		
P (ppm)	66		
K (ppm)	151	K (% Sat)	3.2
Mg (ppm)	221	Mg (% Sat)	12.9
Ca (ppm)	1,503	Ca (% Sat)	51.5
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1835
N (lb/A)	84
P2O5 (LB/A)	41
K20 (LB/A)	78
MGO (LB/a)	3

COUNTY:	Luzerne	# of Samples	291
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	101		
K (ppm)	125	K (% Sat)	3.1
Mg (ppm)	156	Mg (% Sat)	4.6
Ca (ppm)	1,419	Ca (% Sat)	56.3
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2081
N (lb/A)	111
P2O5 (LB/A)	31
K20 (LB/A)	91
MGO (LB/a)	12

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

COUNTY:	Lycoming	# of Samples	429
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	78		
K (ppm)	145	K (% Sat)	3.3
Mg (ppm)	187	Mg (% Sat)	7.8
Ca (ppm)	1,343	Ca (% Sat)	57.5
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1770
N (lb/A)	86
P2O5 (LB/A)	43
K20 (LB/A)	97
MGO (LB/a)	6

COUNTY:	McKean	# of Samples	55
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	49		
K (ppm)	150	K (% Sat)	2.7
Mg (ppm)	191	Mg (% Sat)	1.3
Ca (ppm)	1,708	Ca (% Sat)	56.8
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2564
N (lb/A)	42
P2O5 (LB/A)	63
K20 (LB/A)	99
MGO (LB/a)	9

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

COUNTY:	Mercer	# of Samples	438
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.5		
P (ppm)	44		
K (ppm)	100	K (% Sat)	2.4
Mg (ppm)	184	Mg (% Sat)	8.4
Ca (ppm)	1,146	Ca (% Sat)	52.3
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2377
N (lb/A)	96
P2O5 (LB/A)	53
K2O (LB/A)	89
MGO (LB/a)	6

COUNTY:	Mifflin	# of Samples	78
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	132		
K (ppm)	198	K (% Sat)	3.8
Mg (ppm)	220	Mg (% Sat)	7.0
Ca (ppm)	1,642	Ca (% Sat)	59.7
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1603
N (lb/A)	128
P2O5 (LB/A)	38
K2O (LB/A)	103
MGO (LB/a)	15

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

COUNTY: **Monroe** # of Samples 39

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	51		
K (ppm)	77	K (% Sat)	1.8
Mg (ppm)	232	Mg (% Sat)	3.9
Ca (ppm)	1,477	Ca (% Sat)	59.0
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1051
N (lb/A)	78
P2O5 (LB/A)	48
K20 (LB/A)	111
MGO (LB/a)	21

COUNTY: **Montgomery** # of Samples 342

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.5		
P (ppm)	77		
K (ppm)	118	K (% Sat)	2.3
Mg (ppm)	207	Mg (% Sat)	12.5
Ca (ppm)	1,864	Ca (% Sat)	52.0
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3442
N (lb/A)	71
P2O5 (LB/A)	46
K20 (LB/A)	86
MGO (LB/a)	12

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

COUNTY: **Montour** # of Samples 202

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	76		
K (ppm)	164	K (% Sat)	3.9
Mg (ppm)	144	Mg (% Sat)	5.4
Ca (ppm)	1,293	Ca (% Sat)	60.9
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1478
N (lb/A)	91
P2O5 (LB/A)	48
K20 (LB/A)	103
MGO (LB/a)	20

COUNTY: **Northampton** # of Samples 107

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	69		
K (ppm)	132	K (% Sat)	3.0
Mg (ppm)	156	Mg (% Sat)	8.4
Ca (ppm)	1,344	Ca (% Sat)	50.1
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2673
N (lb/A)	93
P2O5 (LB/A)	44
K20 (LB/A)	90
MGO (LB/a)	7

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

COUNTY:	Northumberland	# of Samples	375
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	122		
K (ppm)	149	K (% Sat)	3.4
Mg (ppm)	140	Mg (% Sat)	6.4
Ca (ppm)	1,471	Ca (% Sat)	65.7
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1155
N (lb/A)	104
P2O5 (LB/A)	39
K2O (LB/A)	91
MGO (LB/a)	6

COUNTY:	Perry	# of Samples	780
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	108		
K (ppm)	170	K (% Sat)	4.0
Mg (ppm)	182	Mg (% Sat)	6.3
Ca (ppm)	1,412	Ca (% Sat)	63.6
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1167
N (lb/A)	92
P2O5 (LB/A)	43
K2O (LB/A)	120
MGO (LB/a)	5

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

COUNTY:	Philadelphia	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	52		
K (ppm)	119	K (% Sat)	2.5
Mg (ppm)	242	Mg (% Sat)	6.8
Ca (ppm)	1,716	Ca (% Sat)	50.2
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1941
N (lb/A)	27
P2O5 (LB/A)	32
K20 (LB/A)	101
MGO (LB/a)	3

COUNTY:	Pike	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	92		
K (ppm)	118	K (% Sat)	2.4
Mg (ppm)	226	Mg (% Sat)	6.5
Ca (ppm)	1,873	Ca (% Sat)	60.0
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	867
N (lb/A)	52
P2O5 (LB/A)	76
K20 (LB/A)	108
MGO (LB/a)	11

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

COUNTY: **Potter** # of Samples 165

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	66		
K (ppm)	153	K (% Sat)	3.2
Mg (ppm)	216	Mg (% Sat)	9.2
Ca (ppm)	1,313	Ca (% Sat)	53.3
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2156
N (lb/A)	81
P2O5 (LB/A)	64
K20 (LB/A)	110
MGO (LB/a)	5

COUNTY: **Schuylkill** # of Samples 273

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	172		
K (ppm)	178	K (% Sat)	3.4
Mg (ppm)	147	Mg (% Sat)	11.4
Ca (ppm)	1,243	Ca (% Sat)	55.2
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2205
N (lb/A)	109
P2O5 (LB/A)	37
K20 (LB/A)	86
MGO (LB/a)	9

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

COUNTY:	Snyder	# of Samples	237
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	160		
K (ppm)	220	K (% Sat)	4.4
Mg (ppm)	147	Mg (% Sat)	1.5
Ca (ppm)	1,399	Ca (% Sat)	60.0
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1755
N (lb/A)	95
P2O5 (LB/A)	44
K20 (LB/A)	102
MGO (LB/a)	13

COUNTY:	Somerset	# of Samples	292
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	50		
K (ppm)	131	K (% Sat)	2.5
Mg (ppm)	202	Mg (% Sat)	4.6
Ca (ppm)	1,557	Ca (% Sat)	55.1
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2729
N (lb/A)	108
P2O5 (LB/A)	78
K20 (LB/A)	113
MGO (LB/a)	10

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

COUNTY: **Sullivan** # of Samples **17**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	206		
K (ppm)	103	K (% Sat)	2.3
Mg (ppm)	130	Mg (% Sat)	6.2
Ca (ppm)	1,464	Ca (% Sat)	61.8
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1529
N (lb/A)	144
P2O5 (LB/A)	54
K20 (LB/A)	109
MGO (LB/a)	15

COUNTY: **Susquehanna** # of Samples **247**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	80		
K (ppm)	133	K (% Sat)	2.9
Mg (ppm)	230	Mg (% Sat)	6.3
Ca (ppm)	1,242	Ca (% Sat)	49.5
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2239
N (lb/A)	79
P2O5 (LB/A)	55
K20 (LB/A)	105
MGO (LB/a)	6

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

COUNTY:	Tioga	# of Samples	466
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	69		
K (ppm)	134	K (% Sat)	2.6
Mg (ppm)	245	Mg (% Sat)	6.2
Ca (ppm)	1,463	Ca (% Sat)	54.5
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2460
N (lb/A)	71
P2O5 (LB/A)	40
K20 (LB/A)	101
MGO (LB/a)	6

COUNTY:	Union	# of Samples	294
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	95		
K (ppm)	142	K (% Sat)	3.3
Mg (ppm)	159	Mg (% Sat)	7.0
Ca (ppm)	1,541	Ca (% Sat)	67.6
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1196
N (lb/A)	109
P2O5 (LB/A)	54
K20 (LB/A)	109
MGO (LB/a)	7

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

COUNTY:	Venango	# of Samples	46
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.7		
P (ppm)	30		
K (ppm)	96	K (% Sat)	2.3
Mg (ppm)	119	Mg (% Sat)	7.1
Ca (ppm)	932	Ca (% Sat)	44.0
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3804
N (lb/A)	106
P2O5 (LB/A)	82
K20 (LB/A)	150
MGO (LB/a)	32

COUNTY:	Warren	# of Samples	104
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.1		
P (ppm)	52		
K (ppm)	129	K (% Sat)	2.7
Mg (ppm)	186	Mg (% Sat)	3.8
Ca (ppm)	1,162	Ca (% Sat)	49.3
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3014
N (lb/A)	106
P2O5 (LB/A)	64
K20 (LB/A)	146
MGO (LB/a)	8

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

COUNTY:	Washington	# of Samples	332
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	38		
K (ppm)	129	K (% Sat)	2.3
Mg (ppm)	242	Mg (% Sat)	15.1
Ca (ppm)	1,711	Ca (% Sat)	56.5
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2743
N (lb/A)	78
P2O5 (LB/A)	63
K20 (LB/A)	106
MGO (LB/a)	6

COUNTY:	Wayne	# of Samples	87
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	90		
K (ppm)	110	K (% Sat)	2.4
Mg (ppm)	180	Mg (% Sat)	10.6
Ca (ppm)	1,383	Ca (% Sat)	57.2
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2086
N (lb/A)	108
P2O5 (LB/A)	51
K20 (LB/A)	124
MGO (LB/a)	22

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

COUNTY:	Westmoreland	# of Samples	458
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	60		
K (ppm)	152	K (% Sat)	2.9
Mg (ppm)	217	Mg (% Sat)	3.7
Ca (ppm)	1,898	Ca (% Sat)	59.0
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2246
N (lb/A)	102
P2O5 (LB/A)	67
K20 (LB/A)	97
MGO (LB/a)	5

COUNTY:	Wyoming	# of Samples	327
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	97		
K (ppm)	126	K (% Sat)	3.0
Mg (ppm)	188	Mg (% Sat)	11.4
Ca (ppm)	1,167	Ca (% Sat)	55.0
CEC	10.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1413
N (lb/A)	147
P2O5 (LB/A)	25
K20 (LB/A)	104
MGO (LB/a)	7

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

COUNTY:	York		# of Samples	291
SOIL TEST RESULTS				
RESULT	AVERAGE	RESULT	AVERAGE	
pH	6.3			
Acidity (meq/100 g)	2.8			
P (ppm)	66			
K (ppm)	143	K (% Sat)	3.5	
Mg (ppm)	186	Mg (% Sat)	7.5	
Ca (ppm)	1,277	Ca (% Sat)	57.0	
CEC	11.0			
SOIL TEST RECOMMENDATIONS				
RECOMMENDATION	AVERAGE			
LIME (lb/A)	1550			
N (lb/A)	118			
P2O5 (LB/A)	54			
K2O (LB/A)	97			
MGO (LB/a)	8			