

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Agronomic Samples

of Samples 17,468

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	64		
K (ppm)	125	K (% Sat)	2.8
Mg (ppm)	160	Mg (% Sat)	11.7
Ca (ppm)	1,365	Ca (% Sat)	56.1
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2330
N (lb/A)	115
P2O5 (LB/A)	66
K20 (LB/A)	109
MGO (LB/a)	17

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

COUNTY:	Adams	# of Samples	105
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	54		
K (ppm)	143	K (% Sat)	3.2
Mg (ppm)	173	Mg (% Sat)	4.7
Ca (ppm)	1,420	Ca (% Sat)	60.3
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1515
N (lb/A)	122
P2O5 (LB/A)	69
K20 (LB/A)	134
MGO (LB/a)	12

COUNTY:	Allegheny	# of Samples	336
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.1		
P (ppm)	34		
K (ppm)	130	K (% Sat)	2.3
Mg (ppm)	254	Mg (% Sat)	5.0
Ca (ppm)	2,292	Ca (% Sat)	60.9
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2190
N (lb/A)	80
P2O5 (LB/A)	85
K20 (LB/A)	82
MGO (LB/a)	17

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

COUNTY: **Armstrong** # of Samples 157

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	54		
K (ppm)	133	K (% Sat)	2.6
Mg (ppm)	169	Mg (% Sat)	7.7
Ca (ppm)	1,585	Ca (% Sat)	56.7
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2125
N (lb/A)	120
P2O5 (LB/A)	74
K20 (LB/A)	119
MGO (LB/a)	31

COUNTY: **Beaver** # of Samples 160

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.3		
P (ppm)	38		
K (ppm)	119	K (% Sat)	2.7
Mg (ppm)	150	Mg (% Sat)	11.3
Ca (ppm)	1,163	Ca (% Sat)	50.0
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3257
N (lb/A)	75
P2O5 (LB/A)	77
K20 (LB/A)	130
MGO (LB/a)	19

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

COUNTY: **Bedford** # of Samples **146**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	48		
K (ppm)	141	K (% Sat)	3.1
Mg (ppm)	188	Mg (% Sat)	4.4
Ca (ppm)	1,415	Ca (% Sat)	59.1
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1432
N (lb/A)	150
P2O5 (LB/A)	77
K20 (LB/A)	127
MGO (LB/a)	32

COUNTY: **Berks** # of Samples **551**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	120		
K (ppm)	122	K (% Sat)	2.8
Mg (ppm)	153	Mg (% Sat)	10.9
Ca (ppm)	1,453	Ca (% Sat)	65.5
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	957
N (lb/A)	93
P2O5 (LB/A)	48
K20 (LB/A)	96
MGO (LB/a)	4

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

COUNTY:	Blair	# of Samples	143
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.4		
P (ppm)	53		
K (ppm)	127	K (% Sat)	2.5
Mg (ppm)	205	Mg (% Sat)	0.8
Ca (ppm)	1,458	Ca (% Sat)	52.1
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3203
N (lb/A)	99
P2O5 (LB/A)	68
K20 (LB/A)	85
MGO (LB/a)	29

COUNTY:	Bradford	# of Samples	710
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	69		
K (ppm)	146	K (% Sat)	3.3
Mg (ppm)	177	Mg (% Sat)	2.7
Ca (ppm)	1,293	Ca (% Sat)	55.1
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2292
N (lb/A)	109
P2O5 (LB/A)	51
K20 (LB/A)	129
MGO (LB/a)	10

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

COUNTY:	Bucks	# of Samples	172
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	71		
K (ppm)	134	K (% Sat)	3.0
Mg (ppm)	224	Mg (% Sat)	5.3
Ca (ppm)	1,303	Ca (% Sat)	51.2
CEC	11.7		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	2274
N (lb/A)	106
P2O5 (LB/A)	65
K20 (LB/A)	122
MGO (LB/a)	12

COUNTY:	Butler	# of Samples	407
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	37		
K (ppm)	124	K (% Sat)	2.9
Mg (ppm)	129	Mg (% Sat)	2.0
Ca (ppm)	1,462	Ca (% Sat)	58.9
CEC	11.2		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	2161
N (lb/A)	109
P2O5 (LB/A)	75
K20 (LB/A)	115
MGO (LB/a)	46

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

COUNTY:	Cambria	# of Samples	153
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	39		
K (ppm)	124	K (% Sat)	2.5
Mg (ppm)	273	Mg (% Sat)	16.1
Ca (ppm)	1,544	Ca (% Sat)	56.9
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1575
N (lb/A)	119
P2O5 (LB/A)	66
K20 (LB/A)	108
MGO (LB/a)	18

COUNTY:	Cameron	# of Samples	28
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	20		
K (ppm)	93	K (% Sat)	2.1
Mg (ppm)	90	Mg (% Sat)	6.9
Ca (ppm)	1,632	Ca (% Sat)	63.1
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	120
P2O5 (LB/A)	106
K20 (LB/A)	166
MGO (LB/a)	60

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

COUNTY: **Carbon** # of Samples 21

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	107		
K (ppm)	108	K (% Sat)	2.5
Mg (ppm)	146	Mg (% Sat)	16.2
Ca (ppm)	1,431	Ca (% Sat)	51.1
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3333
N (lb/A)	136
P2O5 (LB/A)	41
K20 (LB/A)	131
MGO (LB/a)	32

COUNTY: **CENTRE** # of Samples 3,261

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	4.1		
P (ppm)	55		
K (ppm)	117	K (% Sat)	2.8
Mg (ppm)	144	Mg (% Sat)	8.2
Ca (ppm)	1,220	Ca (% Sat)	55.5
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3021
N (lb/A)	118
P2O5 (LB/A)	60
K20 (LB/A)	94
MGO (LB/a)	17

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

COUNTY:	Chester	# of Samples	90
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	63		
K (ppm)	212	K (% Sat)	4.6
Mg (ppm)	198	Mg (% Sat)	9.0
Ca (ppm)	1,226	Ca (% Sat)	54.1
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1417
N (lb/A)	141
P2O5 (LB/A)	62
K20 (LB/A)	96
MGO (LB/a)	31

COUNTY:	Clarion	# of Samples	166
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	24		
K (ppm)	97	K (% Sat)	2.1
Mg (ppm)	184	Mg (% Sat)	4.5
Ca (ppm)	1,397	Ca (% Sat)	53.7
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2373
N (lb/A)	139
P2O5 (LB/A)	90
K20 (LB/A)	127
MGO (LB/a)	21

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

COUNTY:	Clearfield	# of Samples	248
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	67		
K (ppm)	118	K (% Sat)	2.4
Mg (ppm)	133	Mg (% Sat)	21.9
Ca (ppm)	1,632	Ca (% Sat)	58.3
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2639
N (lb/A)	92
P2O5 (LB/A)	69
K20 (LB/A)	107
MGO (LB/a)	24

COUNTY:	Clinton	# of Samples	163
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	52		
K (ppm)	158	K (% Sat)	3.3
Mg (ppm)	126	Mg (% Sat)	5.2
Ca (ppm)	1,486	Ca (% Sat)	59.0
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2264
N (lb/A)	118
P2O5 (LB/A)	64
K20 (LB/A)	105
MGO (LB/a)	24

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

COUNTY:	Columbia	# of Samples	179
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	68		
K (ppm)	108	K (% Sat)	2.8
Mg (ppm)	145	Mg (% Sat)	4.1
Ca (ppm)	1,054	Ca (% Sat)	52.5
CEC	9.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2078
N (lb/A)	124
P2O5 (LB/A)	53
K20 (LB/A)	107
MGO (LB/a)	17

COUNTY:	Crawford	# of Samples	616
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.8		
P (ppm)	39		
K (ppm)	101	K (% Sat)	2.4
Mg (ppm)	158	Mg (% Sat)	9.9
Ca (ppm)	1,150	Ca (% Sat)	50.5
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2668
N (lb/A)	148
P2O5 (LB/A)	70
K20 (LB/A)	101
MGO (LB/a)	9

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

COUNTY:	Cumberland	# of Samples	204
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	81		
K (ppm)	145	K (% Sat)	3.3
Mg (ppm)	175	Mg (% Sat)	2.6
Ca (ppm)	1,460	Ca (% Sat)	61.8
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1395
N (lb/A)	120
P2O5 (LB/A)	54
K20 (LB/A)	92
MGO (LB/a)	15

COUNTY:	Dauphin	# of Samples	179
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	84		
K (ppm)	135	K (% Sat)	3.2
Mg (ppm)	148	Mg (% Sat)	8.3
Ca (ppm)	1,332	Ca (% Sat)	62.1
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1257
N (lb/A)	107
P2O5 (LB/A)	45
K20 (LB/A)	96
MGO (LB/a)	13

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

COUNTY:	Delaware	# of Samples	23
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.0		
P (ppm)	45		
K (ppm)	176	K (% Sat)	3.2
Mg (ppm)	187	Mg (% Sat)	1.5
Ca (ppm)	1,116	Ca (% Sat)	46.8
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3870
N (lb/A)	22
P2O5 (LB/A)	77
K20 (LB/A)	81
MGO (LB/a)	26

COUNTY:	Eik	# of Samples	202
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	26		
K (ppm)	98	K (% Sat)	2.1
Mg (ppm)	116	Mg (% Sat)	3.5
Ca (ppm)	1,457	Ca (% Sat)	57.6
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2720
N (lb/A)	93
P2O5 (LB/A)	90
K20 (LB/A)	121
MGO (LB/a)	37

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

COUNTY:	Erie	# of Samples	240
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.5		
P (ppm)	35		
K (ppm)	98	K (% Sat)	2.2
Mg (ppm)	165	Mg (% Sat)	7.4
Ca (ppm)	1,005	Ca (% Sat)	44.6
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3045
N (lb/A)	100
P2O5 (LB/A)	76
K20 (LB/A)	95
MGO (LB/a)	18

COUNTY:	Fayette	# of Samples	178
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	33		
K (ppm)	153	K (% Sat)	2.9
Mg (ppm)	156	Mg (% Sat)	5.6
Ca (ppm)	1,514	Ca (% Sat)	55.6
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2665
N (lb/A)	109
P2O5 (LB/A)	82
K20 (LB/A)	125
MGO (LB/a)	34

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

COUNTY:	Forest	# of Samples	90
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	44		
K (ppm)	120	K (% Sat)	3.0
Mg (ppm)	116	Mg (% Sat)	2.7
Ca (ppm)	1,191	Ca (% Sat)	57.7
CEC	10.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1989
N (lb/A)	117
P2O5 (LB/A)	46
K20 (LB/A)	56
MGO (LB/a)	6

COUNTY:	Franklin	# of Samples	235
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	68		
K (ppm)	170	K (% Sat)	3.8
Mg (ppm)	199	Mg (% Sat)	2.7
Ca (ppm)	1,599	Ca (% Sat)	62.8
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1145
N (lb/A)	142
P2O5 (LB/A)	55
K20 (LB/A)	100
MGO (LB/a)	14

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

COUNTY:	Fulton	# of Samples	64
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	53		
K (ppm)	129	K (% Sat)	3.3
Mg (ppm)	122	Mg (% Sat)	7.3
Ca (ppm)	1,123	Ca (% Sat)	52.4
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	170
P2O5 (LB/A)	76
K20 (LB/A)	129
MGO (LB/a)	49

COUNTY:	Greene	# of Samples	149
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.8		
P (ppm)	31		
K (ppm)	101	K (% Sat)	2.0
Mg (ppm)	183	Mg (% Sat)	8.3
Ca (ppm)	1,760	Ca (% Sat)	55.0
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2477
N (lb/A)	146
P2O5 (LB/A)	68
K20 (LB/A)	142
MGO (LB/a)	23

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

COUNTY:	Huntingdon	# of Samples	239
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	48		
K (ppm)	113	K (% Sat)	2.7
Mg (ppm)	164	Mg (% Sat)	6.8
Ca (ppm)	1,304	Ca (% Sat)	59.1
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1784
N (lb/A)	132
P2O5 (LB/A)	73
K20 (LB/A)	141
MGO (LB/a)	17

COUNTY:	Indiana	# of Samples	158
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.6		
P (ppm)	34		
K (ppm)	109	K (% Sat)	2.5
Mg (ppm)	151	Mg (% Sat)	7.9
Ca (ppm)	1,591	Ca (% Sat)	54.4
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2468
N (lb/A)	95
P2O5 (LB/A)	74
K20 (LB/A)	87
MGO (LB/a)	21

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

COUNTY:	Jefferson	# of Samples	431
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	31		
K (ppm)	114	K (% Sat)	2.5
Mg (ppm)	143	Mg (% Sat)	0.8
Ca (ppm)	1,456	Ca (% Sat)	57.3
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2309
N (lb/A)	102
P2O5 (LB/A)	78
K20 (LB/A)	111
MGO (LB/a)	17

COUNTY:	Juniata	# of Samples	155
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	56		
K (ppm)	126	K (% Sat)	3.2
Mg (ppm)	131	Mg (% Sat)	2.3
Ca (ppm)	1,307	Ca (% Sat)	63.3
CEC	10.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1594
N (lb/A)	76
P2O5 (LB/A)	49
K20 (LB/A)	101
MGO (LB/a)	12

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

COUNTY: **Lackawanna** # of Samples 130

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	84		
K (ppm)	99	K (% Sat)	2.5
Mg (ppm)	138	Mg (% Sat)	1.1
Ca (ppm)	1,090	Ca (% Sat)	50.4
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2765
N (lb/A)	102
P2O5 (LB/A)	45
K20 (LB/A)	104
MGO (LB/a)	35

COUNTY: **Lancaster** # of Samples 243

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.7		
P (ppm)	91		
K (ppm)	138	K (% Sat)	3.0
Mg (ppm)	168	Mg (% Sat)	3.5
Ca (ppm)	2,384	Ca (% Sat)	63.1
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1626
N (lb/A)	105
P2O5 (LB/A)	54
K20 (LB/A)	75
MGO (LB/a)	11

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

COUNTY:	Lawrence	# of Samples	259
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	41		
K (ppm)	112	K (% Sat)	2.8
Mg (ppm)	124	Mg (% Sat)	2.3
Ca (ppm)	1,090	Ca (% Sat)	53.5
CEC	10.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1962
N (lb/A)	121
P2O5 (LB/A)	64
K20 (LB/A)	113
MGO (LB/a)	20

COUNTY:	Lebanon	# of Samples	213
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	102		
K (ppm)	155	K (% Sat)	3.6
Mg (ppm)	179	Mg (% Sat)	6.4
Ca (ppm)	1,382	Ca (% Sat)	63.1
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	972
N (lb/A)	139
P2O5 (LB/A)	57
K20 (LB/A)	83
MGO (LB/a)	4

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

COUNTY:	Lehigh	# of Samples	77
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	64		
K (ppm)	154	K (% Sat)	3.5
Mg (ppm)	172	Mg (% Sat)	4.0
Ca (ppm)	1,166	Ca (% Sat)	51.1
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2429
N (lb/A)	78
P2O5 (LB/A)	51
K20 (LB/A)	103
MGO (LB/a)	15

COUNTY:	Luzerne	# of Samples	243
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	62		
K (ppm)	103	K (% Sat)	2.6
Mg (ppm)	141	Mg (% Sat)	2.0
Ca (ppm)	1,369	Ca (% Sat)	58.3
CEC	10.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1792
N (lb/A)	109
P2O5 (LB/A)	51
K20 (LB/A)	117
MGO (LB/a)	24

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

COUNTY:	Lycoming	# of Samples	279
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	45		
K (ppm)	111	K (% Sat)	2.6
Mg (ppm)	168	Mg (% Sat)	2.6
Ca (ppm)	1,310	Ca (% Sat)	58.6
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1609
N (lb/A)	117
P2O5 (LB/A)	56
K20 (LB/A)	92
MGO (LB/a)	26

COUNTY:	McKean	# of Samples	106
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.6		
P (ppm)	23		
K (ppm)	105	K (% Sat)	2.2
Mg (ppm)	146	Mg (% Sat)	4.4
Ca (ppm)	1,075	Ca (% Sat)	42.8
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4684
N (lb/A)	115
P2O5 (LB/A)	91
K20 (LB/A)	106
MGO (LB/a)	26

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

COUNTY: **Mercer** # of Samples 816

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.6		
P (ppm)	182		
K (ppm)	185	K (% Sat)	3.7
Mg (ppm)	191	Mg (% Sat)	3.7
Ca (ppm)	1,655	Ca (% Sat)	62.5
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1857
N (lb/A)	130
P2O5 (LB/A)	58
K20 (LB/A)	53
MGO (LB/a)	7

COUNTY: **Mifflin** # of Samples 46

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	108		
K (ppm)	168	K (% Sat)	3.4
Mg (ppm)	132	Mg (% Sat)	5.4
Ca (ppm)	1,428	Ca (% Sat)	56.8
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2130
N (lb/A)	123
P2O5 (LB/A)	69
K20 (LB/A)	72
MGO (LB/a)	33

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

COUNTY:	Monroe	# of Samples	33
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	64		
K (ppm)	118	K (% Sat)	3.0
Mg (ppm)	135	Mg (% Sat)	5.2
Ca (ppm)	1,015	Ca (% Sat)	49.3
CEC	10.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2061
N (lb/A)	144
P2O5 (LB/A)	63
K20 (LB/A)	150
MGO (LB/a)	35

COUNTY:	Montgomery	# of Samples	301
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	76		
K (ppm)	131	K (% Sat)	3.2
Mg (ppm)	172	Mg (% Sat)	5.3
Ca (ppm)	1,097	Ca (% Sat)	48.5
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2309
N (lb/A)	100
P2O5 (LB/A)	44
K20 (LB/A)	136
MGO (LB/a)	10

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

COUNTY:	Montour	# of Samples	82
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	69		
K (ppm)	119	K (% Sat)	3.0
Mg (ppm)	136	Mg (% Sat)	6.7
Ca (ppm)	1,244	Ca (% Sat)	58.9
CEC	10.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1598
N (lb/A)	116
P2O5 (LB/A)	55
K20 (LB/A)	112
MGO (LB/a)	13

COUNTY:	Northampton	# of Samples	115
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	6.1		
P (ppm)	130		
K (ppm)	111	K (% Sat)	2.6
Mg (ppm)	176	Mg (% Sat)	2.1
Ca (ppm)	807	Ca (% Sat)	34.7
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4600
N (lb/A)	79
P2O5 (LB/A)	56
K20 (LB/A)	76
MGO (LB/a)	29

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

COUNTY:	Northumberland	# of Samples	278
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	86		
K (ppm)	137	K (% Sat)	3.3
Mg (ppm)	133	Mg (% Sat)	5.1
Ca (ppm)	1,303	Ca (% Sat)	60.6
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1406
N (lb/A)	119
P2O5 (LB/A)	51
K20 (LB/A)	102
MGO (LB/a)	15

COUNTY:	Perry	# of Samples	791
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	65		
K (ppm)	120	K (% Sat)	3.2
Mg (ppm)	130	Mg (% Sat)	5.9
Ca (ppm)	1,200	Ca (% Sat)	60.5
CEC	9.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1508
N (lb/A)	101
P2O5 (LB/A)	56
K20 (LB/A)	138
MGO (LB/a)	12

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

COUNTY: **Philadelphia** # of Samples **28**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.5		
Acidity (meq/100 g)	1.9		
P (ppm)	119		
K (ppm)	215	K (% Sat)	3.5
Mg (ppm)	778	Mg (% Sat)	1.4
Ca (ppm)	6,044	Ca (% Sat)	51.1
CEC	18.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	67
P2O5 (LB/A)	90
K20 (LB/A)	47
MGO (LB/a)	31

COUNTY: **Pike** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.2		
P (ppm)	72		
K (ppm)	82	K (% Sat)	1.9
Mg (ppm)	178	Mg (% Sat)	8.1
Ca (ppm)	1,015	Ca (% Sat)	45.9
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2429
N (lb/A)	93
P2O5 (LB/A)	43
K20 (LB/A)	183
MGO (LB/a)	8

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

COUNTY: **Potter** # of Samples 185

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.2		
P (ppm)	63		
K (ppm)	131	K (% Sat)	2.6
Mg (ppm)	212	Mg (% Sat)	13.1
Ca (ppm)	1,325	Ca (% Sat)	50.1
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2659
N (lb/A)	96
P2O5 (LB/A)	55
K20 (LB/A)	86
MGO (LB/a)	19

COUNTY: **Schuylkill** # of Samples 229

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.0		
P (ppm)	101		
K (ppm)	118	K (% Sat)	2.8
Mg (ppm)	136	Mg (% Sat)	12.5
Ca (ppm)	1,095	Ca (% Sat)	48.9
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2679
N (lb/A)	119
P2O5 (LB/A)	50
K20 (LB/A)	99
MGO (LB/a)	12

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

COUNTY: **Snyder** # of Samples 178

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	106		
K (ppm)	157	K (% Sat)	3.7
Mg (ppm)	131	Mg (% Sat)	7.8
Ca (ppm)	1,328	Ca (% Sat)	58.4
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1579
N (lb/A)	136
P2O5 (LB/A)	48
K20 (LB/A)	113
MGO (LB/a)	16

COUNTY: **Somerset** # of Samples 117

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	30		
K (ppm)	118	K (% Sat)	2.4
Mg (ppm)	158	Mg (% Sat)	5.6
Ca (ppm)	1,719	Ca (% Sat)	58.3
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2662
N (lb/A)	94
P2O5 (LB/A)	84
K20 (LB/A)	116
MGO (LB/a)	24

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

COUNTY:	Sullivan	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.1		
P (ppm)	30		
K (ppm)	105	K (% Sat)	2.2
Mg (ppm)	108	Mg (% Sat)	3.9
Ca (ppm)	1,106	Ca (% Sat)	46.5
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3567
N (lb/A)	105
P2O5 (LB/A)	95
K20 (LB/A)	121
MGO (LB/a)	55

COUNTY:	Susquehanna	# of Samples	393
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.7		
P (ppm)	46		
K (ppm)	110	K (% Sat)	2.4
Mg (ppm)	148	Mg (% Sat)	3.4
Ca (ppm)	1,035	Ca (% Sat)	44.7
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3360
N (lb/A)	110
P2O5 (LB/A)	64
K20 (LB/A)	107
MGO (LB/a)	19

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

COUNTY:	Tioga	# of Samples	402
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	48		
K (ppm)	115	K (% Sat)	2.4
Mg (ppm)	172	Mg (% Sat)	7.3
Ca (ppm)	1,434	Ca (% Sat)	56.5
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2591
N (lb/A)	144
P2O5 (LB/A)	63
K20 (LB/A)	135
MGO (LB/a)	17

COUNTY:	Union	# of Samples	207
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	72		
K (ppm)	135	K (% Sat)	3.1
Mg (ppm)	170	Mg (% Sat)	10.4
Ca (ppm)	1,443	Ca (% Sat)	63.2
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1353
N (lb/A)	119
P2O5 (LB/A)	60
K20 (LB/A)	116
MGO (LB/a)	8

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

COUNTY: **Venango** # of Samples 89

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	32		
K (ppm)	102	K (% Sat)	2.6
Mg (ppm)	127	Mg (% Sat)	6.7
Ca (ppm)	1,055	Ca (% Sat)	50.6
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2747
N (lb/A)	141
P2O5 (LB/A)	81
K20 (LB/A)	115
MGO (LB/a)	37

COUNTY: **Warren** # of Samples 62

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	45		
K (ppm)	125	K (% Sat)	2.7
Mg (ppm)	203	Mg (% Sat)	3.4
Ca (ppm)	1,243	Ca (% Sat)	51.0
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2831
N (lb/A)	78
P2O5 (LB/A)	75
K20 (LB/A)	133
MGO (LB/a)	10

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

COUNTY:	Washington	# of Samples	309
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	31		
K (ppm)	122	K (% Sat)	2.3
Mg (ppm)	204	Mg (% Sat)	7.6
Ca (ppm)	1,667	Ca (% Sat)	56.7
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2621
N (lb/A)	106
P2O5 (LB/A)	82
K20 (LB/A)	128
MGO (LB/a)	12

COUNTY:	Wayne	# of Samples	169
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.5		
P (ppm)	63		
K (ppm)	85	K (% Sat)	2.0
Mg (ppm)	128	Mg (% Sat)	5.3
Ca (ppm)	1,232	Ca (% Sat)	49.0
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3222
N (lb/A)	115
P2O5 (LB/A)	49
K20 (LB/A)	128
MGO (LB/a)	32

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

COUNTY:	Westmoreland	# of Samples	409
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	37		
K (ppm)	113	K (% Sat)	2.3
Mg (ppm)	170	Mg (% Sat)	12.7
Ca (ppm)	1,630	Ca (% Sat)	54.2
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2759
N (lb/A)	115
P2O5 (LB/A)	83
K20 (LB/A)	114
MGO (LB/a)	19

COUNTY:	Wyoming	# of Samples	147
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	94		
K (ppm)	116	K (% Sat)	2.9
Mg (ppm)	151	Mg (% Sat)	3.5
Ca (ppm)	1,140	Ca (% Sat)	54.6
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1660
N (lb/A)	111
P2O5 (LB/A)	37
K20 (LB/A)	119
MGO (LB/a)	19

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

COUNTY:	York	# of Samples	151
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.1		
P (ppm)	38		
K (ppm)	109	K (% Sat)	2.7
Mg (ppm)	140	Mg (% Sat)	1.4
Ca (ppm)	1,001	Ca (% Sat)	47.3
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3015
N (lb/A)	124
P2O5 (LB/A)	70
K20 (LB/A)	97
MGO (LB/a)	24