

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Agronomic Samples

of Samples 17,864

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.3		
P (ppm)	70		
K (ppm)	142	K (% Sat)	3.1
Mg (ppm)	169	Mg (% Sat)	11.8
Ca (ppm)	1,453	Ca (% Sat)	57.3
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2105
N (lb/A)	109
P2O5 (LB/A)	60
K2O (LB/A)	100
MGO (LB/a)	18

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

COUNTY:	Adams	# of Samples	69
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	59		
K (ppm)	144	K (% Sat)	3.0
Mg (ppm)	191	Mg (% Sat)	8.5
Ca (ppm)	1,413	Ca (% Sat)	55.3
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2036
N (lb/A)	154
P2O5 (LB/A)	70
K20 (LB/A)	155
MGO (LB/a)	19

COUNTY:	Allegheny	# of Samples	202
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.3		
P (ppm)	31		
K (ppm)	127	K (% Sat)	2.4
Mg (ppm)	199	Mg (% Sat)	7.9
Ca (ppm)	1,920	Ca (% Sat)	52.5
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3037
N (lb/A)	107
P2O5 (LB/A)	79
K20 (LB/A)	104
MGO (LB/a)	56

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

COUNTY: **Armstrong** # of Samples 159

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	61		
K (ppm)	147	K (% Sat)	2.8
Mg (ppm)	223	Mg (% Sat)	6.0
Ca (ppm)	1,840	Ca (% Sat)	59.9
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1935
N (lb/A)	123
P2O5 (LB/A)	62
K20 (LB/A)	73
MGO (LB/a)	14

COUNTY: **Beaver** # of Samples 116

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	46		
K (ppm)	130	K (% Sat)	2.9
Mg (ppm)	178	Mg (% Sat)	1.3
Ca (ppm)	1,410	Ca (% Sat)	59.5
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1651
N (lb/A)	100
P2O5 (LB/A)	71
K20 (LB/A)	140
MGO (LB/a)	17

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

COUNTY:	Bedford	# of Samples	233
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	52		
K (ppm)	148	K (% Sat)	3.4
Mg (ppm)	163	Mg (% Sat)	6.2
Ca (ppm)	1,350	Ca (% Sat)	59.4
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1725
N (lb/A)	104
P2O5 (LB/A)	60
K20 (LB/A)	111
MGO (LB/a)	17

COUNTY:	Berks	# of Samples	331
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.9		
P (ppm)	188		
K (ppm)	160	K (% Sat)	3.2
Mg (ppm)	185	Mg (% Sat)	8.8
Ca (ppm)	1,891	Ca (% Sat)	68.3
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	875
N (lb/A)	105
P2O5 (LB/A)	47
K20 (LB/A)	79
MGO (LB/a)	8

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

COUNTY: **Blair** # of Samples 220

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	65		
K (ppm)	158	K (% Sat)	3.5
Mg (ppm)	231	Mg (% Sat)	2.4
Ca (ppm)	1,498	Ca (% Sat)	60.6
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1393
N (lb/A)	127
P2O5 (LB/A)	55
K20 (LB/A)	110
MGO (LB/a)	10

COUNTY: **Bradford** # of Samples 627

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	67		
K (ppm)	131	K (% Sat)	2.8
Mg (ppm)	177	Mg (% Sat)	10.0
Ca (ppm)	1,253	Ca (% Sat)	52.2
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2653
N (lb/A)	124
P2O5 (LB/A)	50
K20 (LB/A)	105
MGO (LB/a)	9

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

COUNTY:	Bucks	# of Samples	218
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	127		
K (ppm)	283	K (% Sat)	5.1
Mg (ppm)	313	Mg (% Sat)	10.4
Ca (ppm)	1,387	Ca (% Sat)	49.8
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1761
N (lb/A)	106
P2O5 (LB/A)	56
K20 (LB/A)	93
MGO (LB/a)	7

COUNTY:	Butler	# of Samples	323
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	47		
K (ppm)	121	K (% Sat)	2.7
Mg (ppm)	151	Mg (% Sat)	4.1
Ca (ppm)	1,375	Ca (% Sat)	60.2
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1775
N (lb/A)	102
P2O5 (LB/A)	65
K20 (LB/A)	109
MGO (LB/a)	22

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

COUNTY:	Cambria	# of Samples	211
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.9		
P (ppm)	45		
K (ppm)	136	K (% Sat)	2.8
Mg (ppm)	241	Mg (% Sat)	5.8
Ca (ppm)	1,366	Ca (% Sat)	52.4
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2748
N (lb/A)	108
P2O5 (LB/A)	67
K20 (LB/A)	103
MGO (LB/a)	11

COUNTY:	Cameron	# of Samples	51
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.8		
P (ppm)	45		
K (ppm)	86	K (% Sat)	1.9
Mg (ppm)	111	Mg (% Sat)	4.8
Ca (ppm)	1,759	Ca (% Sat)	66.2
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1873
N (lb/A)	85
P2O5 (LB/A)	61
K20 (LB/A)	88
MGO (LB/a)	32

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

COUNTY: **Carbon** # of Samples 30

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.8		
P (ppm)	48		
K (ppm)	105	K (% Sat)	2.8
Mg (ppm)	108	Mg (% Sat)	1.3
Ca (ppm)	978	Ca (% Sat)	48.3
CEC	10.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3133
N (lb/A)	90
P2O5 (LB/A)	55
K20 (LB/A)	92
MGO (LB/a)	14

COUNTY: **Centre** # of Samples 3,589

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	72		
K (ppm)	145	K (% Sat)	3.3
Mg (ppm)	162	Mg (% Sat)	1.1
Ca (ppm)	1,596	Ca (% Sat)	62.9
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1574
N (lb/A)	128
P2O5 (LB/A)	58
K20 (LB/A)	91
MGO (LB/a)	10

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

COUNTY:	CHESTER	# of Samples	184
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	62		
K (ppm)	202	K (% Sat)	4.6
Mg (ppm)	219	Mg (% Sat)	1.3
Ca (ppm)	1,248	Ca (% Sat)	52.3
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1337
N (lb/A)	119
P2O5 (LB/A)	59
K20 (LB/A)	99
MGO (LB/a)	25

COUNTY:	Clarion	# of Samples	254
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	60		
K (ppm)	179	K (% Sat)	3.1
Mg (ppm)	170	Mg (% Sat)	10.6
Ca (ppm)	1,516	Ca (% Sat)	53.3
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3134
N (lb/A)	126
P2O5 (LB/A)	79
K20 (LB/A)	101
MGO (LB/a)	46

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

COUNTY:	Clearfield	# of Samples	440
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.2		
P (ppm)	69		
K (ppm)	127	K (% Sat)	2.6
Mg (ppm)	114	Mg (% Sat)	9.4
Ca (ppm)	1,480	Ca (% Sat)	54.6
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3061
N (lb/A)	110
P2O5 (LB/A)	67
K20 (LB/A)	100
MGO (LB/a)	23

COUNTY:	Clinton	# of Samples	163
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	47		
K (ppm)	147	K (% Sat)	3.3
Mg (ppm)	141	Mg (% Sat)	6.5
Ca (ppm)	1,442	Ca (% Sat)	61.3
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1545
N (lb/A)	135
P2O5 (LB/A)	63
K20 (LB/A)	112
MGO (LB/a)	21

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

COUNTY: Columbia **# of Samples** 248

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	65		
K (ppm)	138	K (% Sat)	3.3
Mg (ppm)	141	Mg (% Sat)	4.9
Ca (ppm)	1,216	Ca (% Sat)	55.4
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1744
N (lb/A)	83
P2O5 (LB/A)	35
K20 (LB/A)	94
MGO (LB/a)	15

COUNTY: Crawford **# of Samples** 516

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	42		
K (ppm)	102	K (% Sat)	2.4
Mg (ppm)	158	Mg (% Sat)	2.0
Ca (ppm)	1,099	Ca (% Sat)	49.0
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1928
N (lb/A)	87
P2O5 (LB/A)	33
K20 (LB/A)	57
MGO (LB/a)	14

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

COUNTY: Cumberland **# of Samples** 274

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	91		
K (ppm)	162	K (% Sat)	3.6
Mg (ppm)	172	Mg (% Sat)	9.7
Ca (ppm)	1,449	Ca (% Sat)	62.2
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1308
N (lb/A)	107
P2O5 (LB/A)	60
K20 (LB/A)	95
MGO (LB/a)	18

COUNTY: Dauphin **# of Samples** 268

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	112		
K (ppm)	142	K (% Sat)	3.1
Mg (ppm)	164	Mg (% Sat)	9.6
Ca (ppm)	1,615	Ca (% Sat)	65.2
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1263
N (lb/A)	110
P2O5 (LB/A)	45
K20 (LB/A)	101
MGO (LB/a)	11

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

COUNTY:	Delaware	# of Samples	32
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	50		
K (ppm)	172	K (% Sat)	4.1
Mg (ppm)	234	Mg (% Sat)	5.4
Ca (ppm)	1,144	Ca (% Sat)	47.5
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1781
N (lb/A)	98
P2O5 (LB/A)	40
K20 (LB/A)	70
MGO (LB/a)	24

COUNTY:	Eik	# of Samples	155
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.4		
P (ppm)	36		
K (ppm)	129	K (% Sat)	2.6
Mg (ppm)	110	Mg (% Sat)	0.9
Ca (ppm)	1,464	Ca (% Sat)	50.9
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4219
N (lb/A)	72
P2O5 (LB/A)	80
K20 (LB/A)	104
MGO (LB/a)	39

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

COUNTY:	Erie	# of Samples	238
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.5		
P (ppm)	42		
K (ppm)	116	K (% Sat)	2.5
Mg (ppm)	178	Mg (% Sat)	2.0
Ca (ppm)	1,196	Ca (% Sat)	48.2
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2711
N (lb/A)	88
P2O5 (LB/A)	66
K20 (LB/A)	94
MGO (LB/a)	9

COUNTY:	Fayette	# of Samples	149
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.6		
P (ppm)	31		
K (ppm)	126	K (% Sat)	2.5
Mg (ppm)	165	Mg (% Sat)	2.9
Ca (ppm)	1,619	Ca (% Sat)	58.2
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2396
N (lb/A)	80
P2O5 (LB/A)	77
K20 (LB/A)	98
MGO (LB/a)	14

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

COUNTY:	Forest	# of Samples	76
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	35		
K (ppm)	96	K (% Sat)	2.7
Mg (ppm)	92	Mg (% Sat)	5.0
Ca (ppm)	962	Ca (% Sat)	49.7
CEC	9.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2776
N (lb/A)	159
P2O5 (LB/A)	76
K20 (LB/A)	70
MGO (LB/a)	18

COUNTY:	Franklin	# of Samples	236
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	131		
K (ppm)	176	K (% Sat)	3.8
Mg (ppm)	189	Mg (% Sat)	4.9
Ca (ppm)	1,838	Ca (% Sat)	67.7
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	936
N (lb/A)	114
P2O5 (LB/A)	48
K20 (LB/A)	138
MGO (LB/a)	16

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

COUNTY:	Fulton	# of Samples	67
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	47		
K (ppm)	123	K (% Sat)	3.0
Mg (ppm)	150	Mg (% Sat)	7.6
Ca (ppm)	1,235	Ca (% Sat)	57.4
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1388
N (lb/A)	91
P2O5 (LB/A)	55
K20 (LB/A)	89
MGO (LB/a)	18

COUNTY:	Greene	# of Samples	143
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.3		
P (ppm)	27		
K (ppm)	118	K (% Sat)	2.3
Mg (ppm)	157	Mg (% Sat)	4.8
Ca (ppm)	1,355	Ca (% Sat)	51.7
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3133
N (lb/A)	137
P2O5 (LB/A)	88
K20 (LB/A)	134
MGO (LB/a)	43

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

COUNTY:	Huntingdon	# of Samples	224
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	53		
K (ppm)	147	K (% Sat)	3.2
Mg (ppm)	186	Mg (% Sat)	4.3
Ca (ppm)	1,509	Ca (% Sat)	57.4
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2112
N (lb/A)	105
P2O5 (LB/A)	73
K20 (LB/A)	125
MGO (LB/a)	36

COUNTY:	Indiana	# of Samples	222
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.2		
P (ppm)	31		
K (ppm)	126	K (% Sat)	2.6
Mg (ppm)	154	Mg (% Sat)	7.9
Ca (ppm)	1,305	Ca (% Sat)	53.1
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3156
N (lb/A)	104
P2O5 (LB/A)	75
K20 (LB/A)	102
MGO (LB/a)	17

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

COUNTY:	Jefferson	# of Samples	423
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	32		
K (ppm)	130	K (% Sat)	2.6
Mg (ppm)	152	Mg (% Sat)	12.1
Ca (ppm)	1,479	Ca (% Sat)	57.7
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2488
N (lb/A)	109
P2O5 (LB/A)	77
K20 (LB/A)	115
MGO (LB/a)	16

COUNTY:	Juniata	# of Samples	223
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	151		
K (ppm)	169	K (% Sat)	3.9
Mg (ppm)	153	Mg (% Sat)	4.4
Ca (ppm)	1,546	Ca (% Sat)	66.6
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	919
N (lb/A)	81
P2O5 (LB/A)	40
K20 (LB/A)	113
MGO (LB/a)	7

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

COUNTY: Lackawanna

of Samples

66

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.7		
P (ppm)	115		
K (ppm)	113	K (% Sat)	2.8
Mg (ppm)	162	Mg (% Sat)	2.9
Ca (ppm)	1,303	Ca (% Sat)	59.1
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1780
N (lb/A)	81
P2O5 (LB/A)	40
K20 (LB/A)	94
MGO (LB/a)	16

COUNTY: Lancaster

of Samples

563

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.5		
P (ppm)	94		
K (ppm)	151	K (% Sat)	3.3
Mg (ppm)	183	Mg (% Sat)	6.8
Ca (ppm)	1,794	Ca (% Sat)	62.5
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1456
N (lb/A)	103
P2O5 (LB/A)	54
K20 (LB/A)	66
MGO (LB/a)	13

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

COUNTY:	Lawrence	# of Samples	252
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	46		
K (ppm)	125	K (% Sat)	2.9
Mg (ppm)	158	Mg (% Sat)	3.9
Ca (ppm)	1,383	Ca (% Sat)	61.1
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1365
N (lb/A)	99
P2O5 (LB/A)	48
K20 (LB/A)	90
MGO (LB/a)	12

COUNTY:	Lebanon	# of Samples	319
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	143		
K (ppm)	218	K (% Sat)	4.7
Mg (ppm)	195	Mg (% Sat)	17.1
Ca (ppm)	1,516	Ca (% Sat)	60.1
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1259
N (lb/A)	102
P2O5 (LB/A)	41
K20 (LB/A)	74
MGO (LB/a)	7

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

COUNTY:	Lehigh	# of Samples	61
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.8		
P (ppm)	64		
K (ppm)	173	K (% Sat)	3.8
Mg (ppm)	172	Mg (% Sat)	4.8
Ca (ppm)	1,273	Ca (% Sat)	52.5
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2533
N (lb/A)	107
P2O5 (LB/A)	51
K20 (LB/A)	58
MGO (LB/a)	11

COUNTY:	Luzerne	# of Samples	158
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.3		
P (ppm)	62		
K (ppm)	106	K (% Sat)	2.4
Mg (ppm)	142	Mg (% Sat)	3.8
Ca (ppm)	1,120	Ca (% Sat)	46.1
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2275
N (lb/A)	96
P2O5 (LB/A)	36
K20 (LB/A)	81
MGO (LB/a)	22

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

COUNTY:	Lycoming	# of Samples	508
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	54		
K (ppm)	127	K (% Sat)	2.9
Mg (ppm)	146	Mg (% Sat)	7.4
Ca (ppm)	1,258	Ca (% Sat)	54.3
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2295
N (lb/A)	111
P2O5 (LB/A)	50
K20 (LB/A)	93
MGO (LB/a)	34

COUNTY:	McKean	# of Samples	101
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.2		
P (ppm)	25		
K (ppm)	111	K (% Sat)	2.1
Mg (ppm)	139	Mg (% Sat)	5.4
Ca (ppm)	1,464	Ca (% Sat)	57.3
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2946
N (lb/A)	114
P2O5 (LB/A)	72
K20 (LB/A)	106
MGO (LB/a)	21

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

COUNTY:	Mercer	# of Samples	356
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	49		
K (ppm)	115	K (% Sat)	2.7
Mg (ppm)	154	Mg (% Sat)	3.7
Ca (ppm)	1,188	Ca (% Sat)	54.3
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1986
N (lb/A)	123
P2O5 (LB/A)	62
K20 (LB/A)	124
MGO (LB/a)	31

COUNTY:	Mifflin	# of Samples	88
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	81		
K (ppm)	175	K (% Sat)	4.1
Mg (ppm)	188	Mg (% Sat)	4.5
Ca (ppm)	1,306	Ca (% Sat)	58.5
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1455
N (lb/A)	104
P2O5 (LB/A)	53
K20 (LB/A)	109
MGO (LB/a)	8

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

COUNTY:	Monroe	# of Samples	43
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	73		
K (ppm)	105	K (% Sat)	2.4
Mg (ppm)	170	Mg (% Sat)	11.1
Ca (ppm)	1,447	Ca (% Sat)	55.8
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2372
N (lb/A)	126
P2O5 (LB/A)	54
K20 (LB/A)	96
MGO (LB/a)	28

COUNTY:	Montgomery	# of Samples	243
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.2		
P (ppm)	54		
K (ppm)	132	K (% Sat)	2.8
Mg (ppm)	201	Mg (% Sat)	5.8
Ca (ppm)	1,184	Ca (% Sat)	48.0
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2986
N (lb/A)	100
P2O5 (LB/A)	67
K20 (LB/A)	75
MGO (LB/a)	10

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

COUNTY: **Montour** # of Samples 126

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	50		
K (ppm)	131	K (% Sat)	3.2
Mg (ppm)	130	Mg (% Sat)	7.1
Ca (ppm)	1,314	Ca (% Sat)	60.6
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1627
N (lb/A)	126
P2O5 (LB/A)	57
K20 (LB/A)	116
MGO (LB/a)	19

COUNTY: **Northampton** # of Samples 42

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.2		
P (ppm)	43		
K (ppm)	103	K (% Sat)	2.4
Mg (ppm)	139	Mg (% Sat)	1.4
Ca (ppm)	1,158	Ca (% Sat)	49.4
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3317
N (lb/A)	126
P2O5 (LB/A)	62
K20 (LB/A)	99
MGO (LB/a)	11

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

COUNTY: Northumberland **# of Samples** 336

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	106		
K (ppm)	178	K (% Sat)	3.7
Mg (ppm)	154	Mg (% Sat)	9.9
Ca (ppm)	1,546	Ca (% Sat)	62.0
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1473
N (lb/A)	84
P2O5 (LB/A)	36
K20 (LB/A)	71
MGO (LB/a)	6

COUNTY: Perry **# of Samples** 570

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	77		
K (ppm)	162	K (% Sat)	3.9
Mg (ppm)	171	Mg (% Sat)	4.7
Ca (ppm)	1,375	Ca (% Sat)	60.9
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1306
N (lb/A)	111
P2O5 (LB/A)	50
K20 (LB/A)	120
MGO (LB/a)	10

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

COUNTY: **Philadelphia** # of Samples **54**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	8.6		
P (ppm)	50		
K (ppm)	169	K (% Sat)	3.0
Mg (ppm)	150	Mg (% Sat)	7.9
Ca (ppm)	999	Ca (% Sat)	31.6
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	7056
N (lb/A)	14
P2O5 (LB/A)	65
K20 (LB/A)	78
MGO (LB/a)	15

COUNTY: **Pike** # of Samples **24**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.8		
P (ppm)	77		
K (ppm)	74	K (% Sat)	1.7
Mg (ppm)	128	Mg (% Sat)	8.4
Ca (ppm)	1,169	Ca (% Sat)	45.0
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3708
N (lb/A)	46
P2O5 (LB/A)	24
K20 (LB/A)	84
MGO (LB/a)	31

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

COUNTY: Potter **# of Samples** 110

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.9		
P (ppm)	44		
K (ppm)	123	K (% Sat)	2.2
Mg (ppm)	194	Mg (% Sat)	3.8
Ca (ppm)	1,511	Ca (% Sat)	51.6
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4136
N (lb/A)	86
P2O5 (LB/A)	45
K20 (LB/A)	74
MGO (LB/a)	8

COUNTY: Schuylkill **# of Samples** 285

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.7		
P (ppm)	91		
K (ppm)	119	K (% Sat)	2.8
Mg (ppm)	128	Mg (% Sat)	2.2
Ca (ppm)	1,149	Ca (% Sat)	47.9
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2511
N (lb/A)	75
P2O5 (LB/A)	37
K20 (LB/A)	52
MGO (LB/a)	18

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

COUNTY: **Snyder** # of Samples 238

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	127		
K (ppm)	181	K (% Sat)	3.9
Mg (ppm)	148	Mg (% Sat)	7.5
Ca (ppm)	1,629	Ca (% Sat)	63.7
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1395
N (lb/A)	118
P2O5 (LB/A)	33
K20 (LB/A)	116
MGO (LB/a)	20

COUNTY: **Somerset** # of Samples 149

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	45		
K (ppm)	159	K (% Sat)	3.0
Mg (ppm)	169	Mg (% Sat)	10.5
Ca (ppm)	1,913	Ca (% Sat)	62.9
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2168
N (lb/A)	97
P2O5 (LB/A)	71
K20 (LB/A)	87
MGO (LB/a)	22

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

COUNTY:	Sullivan	# of Samples	55
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.3		
P (ppm)	77		
K (ppm)	131	K (% Sat)	2.9
Mg (ppm)	152	Mg (% Sat)	2.5
Ca (ppm)	1,190	Ca (% Sat)	50.8
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2927
N (lb/A)	72
P2O5 (LB/A)	38
K20 (LB/A)	80
MGO (LB/a)	18

COUNTY:	Susquehanna	# of Samples	310
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.8		
P (ppm)	65		
K (ppm)	131	K (% Sat)	2.5
Mg (ppm)	197	Mg (% Sat)	6.9
Ca (ppm)	1,208	Ca (% Sat)	47.0
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3543
N (lb/A)	123
P2O5 (LB/A)	66
K20 (LB/A)	133
MGO (LB/a)	23

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

COUNTY:	Tioga	# of Samples	322
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.9		
P (ppm)	54		
K (ppm)	123	K (% Sat)	2.3
Mg (ppm)	222	Mg (% Sat)	4.7
Ca (ppm)	1,686	Ca (% Sat)	56.9
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2449
N (lb/A)	111
P2O5 (LB/A)	57
K20 (LB/A)	112
MGO (LB/a)	12

COUNTY:	Union	# of Samples	180
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	91		
K (ppm)	138	K (% Sat)	3.1
Mg (ppm)	154	Mg (% Sat)	4.2
Ca (ppm)	1,480	Ca (% Sat)	63.2
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1425
N (lb/A)	116
P2O5 (LB/A)	52
K20 (LB/A)	93
MGO (LB/a)	5

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

COUNTY: **Venango** # of Samples **59**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	22		
K (ppm)	82	K (% Sat)	2.1
Mg (ppm)	135	Mg (% Sat)	6.4
Ca (ppm)	1,190	Ca (% Sat)	49.1
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2949
N (lb/A)	81
P2O5 (LB/A)	82
K20 (LB/A)	117
MGO (LB/a)	34

COUNTY: **Warren** # of Samples **56**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.0		
P (ppm)	21		
K (ppm)	80	K (% Sat)	1.7
Mg (ppm)	166	Mg (% Sat)	4.0
Ca (ppm)	865	Ca (% Sat)	36.3
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4482
N (lb/A)	139
P2O5 (LB/A)	85
K20 (LB/A)	137
MGO (LB/a)	19

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

COUNTY:	Washington	# of Samples	257
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.4		
P (ppm)	34		
K (ppm)	140	K (% Sat)	2.6
Mg (ppm)	228	Mg (% Sat)	8.3
Ca (ppm)	1,698	Ca (% Sat)	52.2
CEC	14.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3325
N (lb/A)	71
P2O5 (LB/A)	78
K20 (LB/A)	105
MGO (LB/a)	29

COUNTY:	Wayne	# of Samples	92
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.0		
P (ppm)	96		
K (ppm)	145	K (% Sat)	2.7
Mg (ppm)	175	Mg (% Sat)	2.0
Ca (ppm)	1,498	Ca (% Sat)	54.8
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2783
N (lb/A)	123
P2O5 (LB/A)	29
K20 (LB/A)	96
MGO (LB/a)	46

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

COUNTY: **Westmoreland** # of Samples 403

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.2		
P (ppm)	43		
K (ppm)	137	K (% Sat)	2.7
Mg (ppm)	196	Mg (% Sat)	6.3
Ca (ppm)	1,535	Ca (% Sat)	51.1
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3119
N (lb/A)	95
P2O5 (LB/A)	72
K20 (LB/A)	87
MGO (LB/a)	14

COUNTY: **Wyoming** # of Samples 339

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.1		
P (ppm)	64		
K (ppm)	111	K (% Sat)	2.7
Mg (ppm)	118	Mg (% Sat)	1.7
Ca (ppm)	882	Ca (% Sat)	42.3
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	5195
N (lb/A)	170
P2O5 (LB/A)	64
K20 (LB/A)	154
MGO (LB/a)	84

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

COUNTY:	York	# of Samples	185
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	62		
K (ppm)	132	K (% Sat)	3.1
Mg (ppm)	159	Mg (% Sat)	3.5
Ca (ppm)	1,208	Ca (% Sat)	52.9
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1959
N (lb/A)	112
P2O5 (LB/A)	70
K20 (LB/A)	112
MGO (LB/a)	17