

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Agronomic Samples

of Samples 19,632

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	74		
K (ppm)	144	K (% Sat)	3.0
Mg (ppm)	159	Mg (% Sat)	10.9
Ca (ppm)	1,410	Ca (% Sat)	55.7
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2793
N (lb/A)	106
P2O5 (LB/A)	61
K20 (LB/A)	104
MGO (LB/a)	18

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

COUNTY: **Adams** # of Samples 163

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	79		
K (ppm)	129	K (% Sat)	2.7
Mg (ppm)	174	Mg (% Sat)	10.6
Ca (ppm)	1,615	Ca (% Sat)	61.5
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1488
N (lb/A)	128
P2O5 (LB/A)	62
K20 (LB/A)	137
MGO (LB/a)	50

COUNTY: **ALLEGHENY** # of Samples 174

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.4		
P (ppm)	43		
K (ppm)	140	K (% Sat)	2.6
Mg (ppm)	177	Mg (% Sat)	6.0
Ca (ppm)	1,740	Ca (% Sat)	55.3
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3040
N (lb/A)	66
P2O5 (LB/A)	71
K20 (LB/A)	92
MGO (LB/a)	31

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

COUNTY: **ARMSTRONG** # of Samples 121

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	50		
K (ppm)	134	K (% Sat)	2.8
Mg (ppm)	170	Mg (% Sat)	3.5
Ca (ppm)	1,716	Ca (% Sat)	61.6
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1739
N (lb/A)	91
P2O5 (LB/A)	71
K20 (LB/A)	95
MGO (LB/a)	20

COUNTY: **Beaver** # of Samples 138

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.2		
P (ppm)	48		
K (ppm)	131	K (% Sat)	2.9
Mg (ppm)	152	Mg (% Sat)	10.9
Ca (ppm)	1,214	Ca (% Sat)	51.7
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3154
N (lb/A)	110
P2O5 (LB/A)	72
K20 (LB/A)	121
MGO (LB/a)	28

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

COUNTY: **Bedford** # of Samples 175

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	64		
K (ppm)	185	K (% Sat)	3.8
Mg (ppm)	168	Mg (% Sat)	5.0
Ca (ppm)	1,458	Ca (% Sat)	56.5
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2191
N (lb/A)	83
P2O5 (LB/A)	50
K20 (LB/A)	84
MGO (LB/a)	19

COUNTY: **Berks** # of Samples 710

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.6		
P (ppm)	155		
K (ppm)	169	K (% Sat)	3.4
Mg (ppm)	192	Mg (% Sat)	5.4
Ca (ppm)	1,759	Ca (% Sat)	70.5
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	824
N (lb/A)	113
P2O5 (LB/A)	47
K20 (LB/A)	106
MGO (LB/a)	6

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

COUNTY: **Blair** # of Samples 167

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	106		
K (ppm)	143	K (% Sat)	3.1
Mg (ppm)	196	Mg (% Sat)	7.2
Ca (ppm)	1,520	Ca (% Sat)	60.8
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1811
N (lb/A)	115
P2O5 (LB/A)	55
K20 (LB/A)	124
MGO (LB/a)	12

COUNTY: **Bradford** # of Samples 779

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	69		
K (ppm)	142	K (% Sat)	2.8
Mg (ppm)	178	Mg (% Sat)	2.3
Ca (ppm)	1,344	Ca (% Sat)	54.0
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2545
N (lb/A)	120
P2O5 (LB/A)	56
K20 (LB/A)	128
MGO (LB/a)	20

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

COUNTY:	Bucks	# of Samples	165
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.1		
P (ppm)	101		
K (ppm)	181	K (% Sat)	3.9
Mg (ppm)	260	Mg (% Sat)	12.9
Ca (ppm)	1,330	Ca (% Sat)	52.7
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1764
N (lb/A)	96
P2O5 (LB/A)	50
K2O (LB/A)	89
MGO (LB/a)	8

COUNTY:	Butler	# of Samples	339
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	48		
K (ppm)	135	K (% Sat)	3.1
Mg (ppm)	138	Mg (% Sat)	5.0
Ca (ppm)	1,498	Ca (% Sat)	61.8
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1891
N (lb/A)	93
P2O5 (LB/A)	58
K2O (LB/A)	91
MGO (LB/a)	37

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

COUNTY: **Cambria** # of Samples 194

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.6		
P (ppm)	46		
K (ppm)	149	K (% Sat)	3.1
Mg (ppm)	250	Mg (% Sat)	0.9
Ca (ppm)	1,386	Ca (% Sat)	53.0
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2482
N (lb/A)	93
P2O5 (LB/A)	70
K2O (LB/A)	109
MGO (LB/a)	9

COUNTY: **Cameron** # of Samples 28

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.4		
P (ppm)	41		
K (ppm)	106	K (% Sat)	2.2
Mg (ppm)	79	Mg (% Sat)	2.9
Ca (ppm)	1,373	Ca (% Sat)	53.9
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2964
N (lb/A)	58
P2O5 (LB/A)	79
K2O (LB/A)	105
MGO (LB/a)	88

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

COUNTY: **Carbon** # of Samples **35**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	67		
K (ppm)	127	K (% Sat)	3.5
Mg (ppm)	138	Mg (% Sat)	3.8
Ca (ppm)	1,086	Ca (% Sat)	56.1
CEC	9.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1829
N (lb/A)	52
P2O5 (LB/A)	37
K20 (LB/A)	84
MGO (LB/a)	20

COUNTY: **Centre** # of Samples **3,189**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	6.1		
P (ppm)	83		
K (ppm)	140	K (% Sat)	2.7
Mg (ppm)	144	Mg (% Sat)	7.8
Ca (ppm)	1,449	Ca (% Sat)	52.8
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4904
N (lb/A)	109
P2O5 (LB/A)	69
K20 (LB/A)	101
MGO (LB/a)	18

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

COUNTY: **Chester** # of Samples 198

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.1		
P (ppm)	114		
K (ppm)	241	K (% Sat)	4.3
Mg (ppm)	225	Mg (% Sat)	10.0
Ca (ppm)	1,502	Ca (% Sat)	54.2
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1942
N (lb/A)	110
P2O5 (LB/A)	60
K20 (LB/A)	93
MGO (LB/a)	25

COUNTY: **CLARION** # of Samples 330

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	33		
K (ppm)	104	K (% Sat)	2.5
Mg (ppm)	123	Mg (% Sat)	5.9
Ca (ppm)	1,452	Ca (% Sat)	54.7
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2544
N (lb/A)	116
P2O5 (LB/A)	84
K20 (LB/A)	117
MGO (LB/a)	18

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

COUNTY: **Clearfield** # of Samples 341

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	64		
K (ppm)	148	K (% Sat)	3.0
Mg (ppm)	130	Mg (% Sat)	2.9
Ca (ppm)	1,599	Ca (% Sat)	59.5
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2581
N (lb/A)	87
P2O5 (LB/A)	67
K20 (LB/A)	88
MGO (LB/a)	16

COUNTY: **Clinton** # of Samples 233

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	73		
K (ppm)	195	K (% Sat)	4.1
Mg (ppm)	181	Mg (% Sat)	13.5
Ca (ppm)	1,605	Ca (% Sat)	62.2
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1609
N (lb/A)	107
P2O5 (LB/A)	66
K20 (LB/A)	143
MGO (LB/a)	19

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

COUNTY: **Columbia** # of Samples 292

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	71		
K (ppm)	127	K (% Sat)	3.0
Mg (ppm)	133	Mg (% Sat)	3.7
Ca (ppm)	1,196	Ca (% Sat)	54.2
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2168
N (lb/A)	100
P2O5 (LB/A)	50
K2O (LB/A)	89
MGO (LB/a)	10

COUNTY: **Crawford** # of Samples 512

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.3		
P (ppm)	45		
K (ppm)	102	K (% Sat)	2.2
Mg (ppm)	154	Mg (% Sat)	3.7
Ca (ppm)	1,187	Ca (% Sat)	50.9
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2641
N (lb/A)	90
P2O5 (LB/A)	43
K2O (LB/A)	89
MGO (LB/a)	16

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

COUNTY: **Cumberland** # of Samples 253

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	74		
K (ppm)	165	K (% Sat)	3.7
Mg (ppm)	183	Mg (% Sat)	7.5
Ca (ppm)	1,455	Ca (% Sat)	62.5
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1285
N (lb/A)	120
P2O5 (LB/A)	53
K20 (LB/A)	115
MGO (LB/a)	20

COUNTY: **Dauphin** # of Samples 513

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.1		
P (ppm)	88		
K (ppm)	126	K (% Sat)	2.9
Mg (ppm)	150	Mg (% Sat)	9.0
Ca (ppm)	1,353	Ca (% Sat)	58.8
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1845
N (lb/A)	116
P2O5 (LB/A)	35
K20 (LB/A)	94
MGO (LB/a)	8

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

COUNTY: **Delaware** # of Samples **27**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	36		
K (ppm)	178	K (% Sat)	3.8
Mg (ppm)	220	Mg (% Sat)	7.9
Ca (ppm)	1,222	Ca (% Sat)	51.6
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	120
P2O5 (LB/A)	61
K20 (LB/A)	65
MGO (LB/a)	25

COUNTY: **Eik** # of Samples **81**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.4		
P (ppm)	29		
K (ppm)	121	K (% Sat)	2.6
Mg (ppm)	113	Mg (% Sat)	8.3
Ca (ppm)	1,355	Ca (% Sat)	54.6
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3395
N (lb/A)	105
P2O5 (LB/A)	85
K20 (LB/A)	105
MGO (LB/a)	22

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

COUNTY: **Erie** # of Samples 318

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.7		
P (ppm)	44		
K (ppm)	115	K (% Sat)	2.5
Mg (ppm)	165	Mg (% Sat)	6.1
Ca (ppm)	1,148	Ca (% Sat)	46.9
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3280
N (lb/A)	102
P2O5 (LB/A)	58
K2O (LB/A)	79
MGO (LB/a)	5

COUNTY: **Fayette** # of Samples 192

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	35		
K (ppm)	133	K (% Sat)	2.7
Mg (ppm)	163	Mg (% Sat)	8.0
Ca (ppm)	1,724	Ca (% Sat)	60.1
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2112
N (lb/A)	106
P2O5 (LB/A)	82
K2O (LB/A)	125
MGO (LB/a)	30

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

COUNTY:	Forest	# of Samples	60
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	24		
K (ppm)	83	K (% Sat)	2.4
Mg (ppm)	84	Mg (% Sat)	2.4
Ca (ppm)	994	Ca (% Sat)	54.1
CEC	9.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2083
N (lb/A)	88
P2O5 (LB/A)	74
K20 (LB/A)	109
MGO (LB/a)	53

COUNTY:	Franklin	# of Samples	332
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	80		
K (ppm)	186	K (% Sat)	4.1
Mg (ppm)	167	Mg (% Sat)	5.6
Ca (ppm)	1,591	Ca (% Sat)	62.7
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1602
N (lb/A)	103
P2O5 (LB/A)	37
K20 (LB/A)	92
MGO (LB/a)	13

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

COUNTY: **Fulton** # of Samples 161

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.1		
P (ppm)	74		
K (ppm)	164	K (% Sat)	3.7
Mg (ppm)	173	Mg (% Sat)	9.4
Ca (ppm)	1,252	Ca (% Sat)	55.1
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1652
N (lb/A)	126
P2O5 (LB/A)	34
K20 (LB/A)	92
MGO (LB/a)	18

COUNTY: **Greene** # of Samples 65

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.8		
P (ppm)	37		
K (ppm)	144	K (% Sat)	2.7
Mg (ppm)	199	Mg (% Sat)	4.1
Ca (ppm)	1,799	Ca (% Sat)	56.5
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2908
N (lb/A)	112
P2O5 (LB/A)	71
K20 (LB/A)	141
MGO (LB/a)	23

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

COUNTY:	Huntingdon	# of Samples	313
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	71		
K (ppm)	173	K (% Sat)	3.5
Mg (ppm)	180	Mg (% Sat)	2.3
Ca (ppm)	1,469	Ca (% Sat)	56.9
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2218
N (lb/A)	133
P2O5 (LB/A)	75
K20 (LB/A)	109
MGO (LB/a)	11

COUNTY:	Indiana	# of Samples	304
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.0		
P (ppm)	40		
K (ppm)	139	K (% Sat)	2.9
Mg (ppm)	132	Mg (% Sat)	1.6
Ca (ppm)	1,441	Ca (% Sat)	56.0
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2980
N (lb/A)	90
P2O5 (LB/A)	80
K20 (LB/A)	104
MGO (LB/a)	18

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COUNTY: **Jefferson** # of Samples 398

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.2		
P (ppm)	29		
K (ppm)	117	K (% Sat)	2.7
Mg (ppm)	121	Mg (% Sat)	4.8
Ca (ppm)	1,207	Ca (% Sat)	52.8
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3205
N (lb/A)	89
P2O5 (LB/A)	80
K20 (LB/A)	118
MGO (LB/a)	20

COUNTY: **Juniata** # of Samples 448

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	102		
K (ppm)	174	K (% Sat)	3.9
Mg (ppm)	143	Mg (% Sat)	7.0
Ca (ppm)	1,456	Ca (% Sat)	61.9
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1656
N (lb/A)	110
P2O5 (LB/A)	47
K20 (LB/A)	117
MGO (LB/a)	16

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

COUNTY: **Lackawanna** # of Samples 244

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	100		
K (ppm)	128	K (% Sat)	3.3
Mg (ppm)	139	Mg (% Sat)	6.3
Ca (ppm)	1,226	Ca (% Sat)	58.3
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1906
N (lb/A)	108
P2O5 (LB/A)	28
K20 (LB/A)	62
MGO (LB/a)	11

COUNTY: **Lancaster** # of Samples 599

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	7.0		
P (ppm)	60		
K (ppm)	121	K (% Sat)	2.5
Mg (ppm)	127	Mg (% Sat)	7.1
Ca (ppm)	1,094	Ca (% Sat)	36.6
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	5631
N (lb/A)	103
P2O5 (LB/A)	57
K20 (LB/A)	75
MGO (LB/a)	30

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

COUNTY: Lawrence **# of Samples** 201

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	46		
K (ppm)	117	K (% Sat)	2.9
Mg (ppm)	132	Mg (% Sat)	7.7
Ca (ppm)	1,357	Ca (% Sat)	61.8
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1724
N (lb/A)	125
P2O5 (LB/A)	52
K20 (LB/A)	100
MGO (LB/a)	16

COUNTY: Lebanon **# of Samples** 237

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	121		
K (ppm)	203	K (% Sat)	4.3
Mg (ppm)	193	Mg (% Sat)	9.0
Ca (ppm)	1,540	Ca (% Sat)	62.3
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1350
N (lb/A)	129
P2O5 (LB/A)	45
K20 (LB/A)	112
MGO (LB/a)	4

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

COUNTY: **Lehigh** # of Samples 98

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.8		
P (ppm)	70		
K (ppm)	158	K (% Sat)	3.2
Mg (ppm)	168	Mg (% Sat)	2.0
Ca (ppm)	1,391	Ca (% Sat)	55.1
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2704
N (lb/A)	98
P2O5 (LB/A)	41
K20 (LB/A)	94
MGO (LB/a)	22

COUNTY: **Luzerne** # of Samples 213

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.1		
P (ppm)	68		
K (ppm)	111	K (% Sat)	2.6
Mg (ppm)	141	Mg (% Sat)	3.4
Ca (ppm)	1,114	Ca (% Sat)	49.5
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3049
N (lb/A)	108
P2O5 (LB/A)	43
K20 (LB/A)	103
MGO (LB/a)	15

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

COUNTY:	Lycoming	# of Samples	552
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.8		
P (ppm)	58		
K (ppm)	135	K (% Sat)	3.0
Mg (ppm)	140	Mg (% Sat)	7.8
Ca (ppm)	1,316	Ca (% Sat)	55.0
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2564
N (lb/A)	89
P2O5 (LB/A)	60
K20 (LB/A)	102
MGO (LB/a)	22

COUNTY:	McKean	# of Samples	58
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.5		
P (ppm)	21		
K (ppm)	95	K (% Sat)	1.8
Mg (ppm)	144	Mg (% Sat)	1.6
Ca (ppm)	1,119	Ca (% Sat)	42.1
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4638
N (lb/A)	114
P2O5 (LB/A)	83
K20 (LB/A)	103
MGO (LB/a)	35

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

COUNTY:	Mercer	# of Samples	322
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	55		
K (ppm)	118	K (% Sat)	2.9
Mg (ppm)	146	Mg (% Sat)	5.4
Ca (ppm)	1,199	Ca (% Sat)	55.9
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2195
N (lb/A)	110
P2O5 (LB/A)	60
K20 (LB/A)	111
MGO (LB/a)	14

COUNTY:	Mifflin	# of Samples	121
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	84		
K (ppm)	187	K (% Sat)	4.2
Mg (ppm)	154	Mg (% Sat)	5.4
Ca (ppm)	1,503	Ca (% Sat)	64.0
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1314
N (lb/A)	131
P2O5 (LB/A)	56
K20 (LB/A)	113
MGO (LB/a)	19

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

COUNTY: **Monroe** # of Samples **37**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	73		
K (ppm)	157	K (% Sat)	3.5
Mg (ppm)	167	Mg (% Sat)	10.0
Ca (ppm)	1,225	Ca (% Sat)	53.9
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2108
N (lb/A)	104
P2O5 (LB/A)	28
K20 (LB/A)	107
MGO (LB/a)	25

COUNTY: **Montgomery** # of Samples **336**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.4		
P (ppm)	73		
K (ppm)	149	K (% Sat)	3.0
Mg (ppm)	219	Mg (% Sat)	6.7
Ca (ppm)	1,417	Ca (% Sat)	52.8
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2214
N (lb/A)	84
P2O5 (LB/A)	52
K20 (LB/A)	72
MGO (LB/a)	9

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

COUNTY: **Montour** # of Samples 188

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	88		
K (ppm)	136	K (% Sat)	3.2
Mg (ppm)	114	Mg (% Sat)	7.7
Ca (ppm)	1,384	Ca (% Sat)	62.8
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1511
N (lb/A)	96
P2O5 (LB/A)	48
K20 (LB/A)	67
MGO (LB/a)	8

COUNTY: **Northampton** # of Samples 129

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.5		
P (ppm)	68		
K (ppm)	135	K (% Sat)	3.1
Mg (ppm)	154	Mg (% Sat)	4.7
Ca (ppm)	1,375	Ca (% Sat)	56.4
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2349
N (lb/A)	105
P2O5 (LB/A)	64
K20 (LB/A)	103
MGO (LB/a)	14

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

COUNTY: Northumberland **# of Samples** 234

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	87		
K (ppm)	147	K (% Sat)	3.6
Mg (ppm)	119	Mg (% Sat)	6.0
Ca (ppm)	1,308	Ca (% Sat)	61.9
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1502
N (lb/A)	109
P2O5 (LB/A)	47
K20 (LB/A)	87
MGO (LB/a)	8

COUNTY: Perry **# of Samples** 545

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	76		
K (ppm)	158	K (% Sat)	3.5
Mg (ppm)	170	Mg (% Sat)	6.6
Ca (ppm)	1,528	Ca (% Sat)	63.9
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1408
N (lb/A)	106
P2O5 (LB/A)	48
K20 (LB/A)	113
MGO (LB/a)	11

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

COUNTY:	Philadelphia	# of Samples	23
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.8		
P (ppm)	47		
K (ppm)	118	K (% Sat)	3.4
Mg (ppm)	182	Mg (% Sat)	6.6
Ca (ppm)	1,484	Ca (% Sat)	70.5
CEC	9.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	261
N (lb/A)	55
P2O5 (LB/A)	50
K20 (LB/A)	53
MGO (LB/a)	2

COUNTY:	Pike	# of Samples	8
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.4		
P (ppm)	63		
K (ppm)	67	K (% Sat)	1.4
Mg (ppm)	192	Mg (% Sat)	3.8
Ca (ppm)	1,159	Ca (% Sat)	48.6
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2125
N (lb/A)	68
P2O5 (LB/A)	42
K20 (LB/A)	131
MGO (LB/a)	12

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

COUNTY:	Potter	# of Samples	202
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.2		
P (ppm)	57		
K (ppm)	129	K (% Sat)	2.4
Mg (ppm)	163	Mg (% Sat)	10.2
Ca (ppm)	1,476	Ca (% Sat)	50.1
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4045
N (lb/A)	88
P2O5 (LB/A)	58
K20 (LB/A)	103
MGO (LB/a)	20

COUNTY:	Schuylkill	# of Samples	322
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	130		
K (ppm)	171	K (% Sat)	4.0
Mg (ppm)	149	Mg (% Sat)	5.2
Ca (ppm)	1,178	Ca (% Sat)	52.8
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2194
N (lb/A)	103
P2O5 (LB/A)	39
K20 (LB/A)	72
MGO (LB/a)	10

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

COUNTY:	Snyder	# of Samples	324
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	130		
K (ppm)	200	K (% Sat)	4.1
Mg (ppm)	163	Mg (% Sat)	3.6
Ca (ppm)	1,565	Ca (% Sat)	60.7
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1656
N (lb/A)	111
P2O5 (LB/A)	36
K20 (LB/A)	90
MGO (LB/a)	14

COUNTY:	Somerset	# of Samples	116
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.2		
P (ppm)	46		
K (ppm)	158	K (% Sat)	3.2
Mg (ppm)	140	Mg (% Sat)	10.3
Ca (ppm)	1,516	Ca (% Sat)	56.6
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2944
N (lb/A)	91
P2O5 (LB/A)	63
K20 (LB/A)	88
MGO (LB/a)	25

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

COUNTY: **Sullivan** # of Samples 21

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.5		
P (ppm)	67		
K (ppm)	110	K (% Sat)	2.2
Mg (ppm)	92	Mg (% Sat)	11.2
Ca (ppm)	1,820	Ca (% Sat)	56.9
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3190
N (lb/A)	102
P2O5 (LB/A)	68
K20 (LB/A)	72
MGO (LB/a)	24

COUNTY: **Susquehanna** # of Samples 403

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.7		
P (ppm)	60		
K (ppm)	167	K (% Sat)	2.9
Mg (ppm)	194	Mg (% Sat)	3.0
Ca (ppm)	1,284	Ca (% Sat)	47.9
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3369
N (lb/A)	112
P2O5 (LB/A)	62
K20 (LB/A)	127
MGO (LB/a)	18

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

COUNTY:	Tioga	# of Samples	375
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.1		
P (ppm)	53		
K (ppm)	135	K (% Sat)	2.5
Mg (ppm)	201	Mg (% Sat)	6.2
Ca (ppm)	1,539	Ca (% Sat)	55.6
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2783
N (lb/A)	87
P2O5 (LB/A)	54
K20 (LB/A)	107
MGO (LB/a)	11

COUNTY:	Union	# of Samples	324
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	113		
K (ppm)	156	K (% Sat)	3.3
Mg (ppm)	147	Mg (% Sat)	8.4
Ca (ppm)	1,469	Ca (% Sat)	62.4
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1546
N (lb/A)	113
P2O5 (LB/A)	57
K20 (LB/A)	108
MGO (LB/a)	12

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

COUNTY:	Venango	# of Samples	81
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	31		
K (ppm)	103	K (% Sat)	2.3
Mg (ppm)	145	Mg (% Sat)	3.1
Ca (ppm)	1,148	Ca (% Sat)	51.7
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2885
N (lb/A)	89
P2O5 (LB/A)	80
K20 (LB/A)	104
MGO (LB/a)	33

COUNTY:	Warren	# of Samples	89
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.7		
P (ppm)	40		
K (ppm)	117	K (% Sat)	2.5
Mg (ppm)	189	Mg (% Sat)	9.6
Ca (ppm)	1,076	Ca (% Sat)	44.8
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3433
N (lb/A)	128
P2O5 (LB/A)	69
K20 (LB/A)	129
MGO (LB/a)	17

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

COUNTY: **WASHINGTON** # of Samples 359

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.2		
P (ppm)	29		
K (ppm)	120	K (% Sat)	2.3
Mg (ppm)	189	Mg (% Sat)	8.6
Ca (ppm)	1,517	Ca (% Sat)	54.1
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3211
N (lb/A)	104
P2O5 (LB/A)	80
K20 (LB/A)	123
MGO (LB/a)	14

COUNTY: **Wayne** # of Samples 119

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	5.0		
P (ppm)	78		
K (ppm)	165	K (% Sat)	2.3
Mg (ppm)	135	Mg (% Sat)	3.6
Ca (ppm)	1,294	Ca (% Sat)	48.6
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3576
N (lb/A)	152
P2O5 (LB/A)	50
K20 (LB/A)	123
MGO (LB/a)	27

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

COUNTY: **Westmoreland** # of Samples 504

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.8		
P (ppm)	54		
K (ppm)	152	K (% Sat)	2.9
Mg (ppm)	191	Mg (% Sat)	7.2
Ca (ppm)	1,703	Ca (% Sat)	55.8
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2631
N (lb/A)	105
P2O5 (LB/A)	66
K20 (LB/A)	93
MGO (LB/a)	19

COUNTY: **Wyoming** # of Samples 192

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.3		
P (ppm)	69		
K (ppm)	122	K (% Sat)	2.8
Mg (ppm)	129	Mg (% Sat)	1.2
Ca (ppm)	960	Ca (% Sat)	44.0
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4833
N (lb/A)	127
P2O5 (LB/A)	49
K20 (LB/A)	121
MGO (LB/a)	55

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

COUNTY:	York	# of Samples	308
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	90		
K (ppm)	137	K (% Sat)	3.3
Mg (ppm)	164	Mg (% Sat)	6.7
Ca (ppm)	1,260	Ca (% Sat)	58.2
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1510
N (lb/A)	126
P2O5 (LB/A)	59
K2O (LB/A)	93
MGO (LB/a)	18