

**SUMMARY REPORT
SOIL TEST RESULTS-AVERAGES**

Commercial Vegetables

2009/2010

of Samples 1,816

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	130		
K (ppm)	188	K (% Sat)	3.3
Mg (ppm)	212	Mg (% Sat)	
Ca (ppm)	2,014	Ca (% Sat)	63.5
CEC	13.5		

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COUNTY: Adams **# of Samples** 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	136		
K (ppm)	271	K (% Sat)	4.7
Mg (ppm)	201	Mg (% Sat)	9.8
Ca (ppm)	1,953	Ca (% Sat)	57.6
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2800
N (lb/A)	
P2O5 (LB/A)	173
K20 (LB/A)	194
MGO (LB/a)	35

COUNTY: Allegheny **# of Samples** 68

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	149		
K (ppm)	291	K (% Sat)	3.9
Mg (ppm)	205	Mg (% Sat)	7.6
Ca (ppm)	2,258	Ca (% Sat)	64.7
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1632
N (lb/A)	
P2O5 (LB/A)	103
K20 (LB/A)	72
MGO (LB/a)	21

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COUNTY: **Armstrong** # of Samples **9**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	6.1		
P (ppm)	77		
K (ppm)	158	K (% Sat)	2.7
Mg (ppm)	146	Mg (% Sat)	2.2
Ca (ppm)	1,432	Ca (% Sat)	41.0
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2278
N (lb/A)	
P2O5 (LB/A)	98
K20 (LB/A)	49
MGO (LB/a)	58

COUNTY: **Beaver** # of Samples **6**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.9		
P (ppm)	408		
K (ppm)	327	K (% Sat)	5.0
Mg (ppm)	270	Mg (% Sat)	8.0
Ca (ppm)	3,398	Ca (% Sat)	74.8
CEC	16.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1250
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	215
MGO (LB/a)	15

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COUNTY: **Bedford** # of Samples 11

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.2		
P (ppm)	179		
K (ppm)	240	K (% Sat)	4.4
Mg (ppm)	198	Mg (% Sat)	6.3
Ca (ppm)	2,284	Ca (% Sat)	74.4
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1136
N (lb/A)	
P2O5 (LB/A)	98
K20 (LB/A)	153
MGO (LB/a)	30

COUNTY: **Berks** # of Samples 25

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.7		
P (ppm)	194		
K (ppm)	308	K (% Sat)	5.0
Mg (ppm)	264	Mg (% Sat)	1.9
Ca (ppm)	2,542	Ca (% Sat)	68.4
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1280
N (lb/A)	
P2O5 (LB/A)	119
K20 (LB/A)	116
MGO (LB/a)	34

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COUNTY: **Blair** # of Samples 13

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.5		
P (ppm)	301		
K (ppm)	480	K (% Sat)	6.5
Mg (ppm)	363	Mg (% Sat)	10.9
Ca (ppm)	3,937	Ca (% Sat)	74.5
CEC	18.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	385
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	0

COUNTY: **Bradford** # of Samples 17

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.9		
P (ppm)	106		
K (ppm)	147	K (% Sat)	2.9
Mg (ppm)	153	Mg (% Sat)	2.0
Ca (ppm)	1,406	Ca (% Sat)	50.7
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4176
N (lb/A)	
P2O5 (LB/A)	104
K20 (LB/A)	85
MGO (LB/a)	19

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COUNTY:	Bucks	# of Samples	46
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.2		
P (ppm)	145		
K (ppm)	224	K (% Sat)	4.4
Mg (ppm)	273	Mg (% Sat)	11.5
Ca (ppm)	1,457	Ca (% Sat)	59.2
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1126
N (lb/A)	
P2O5 (LB/A)	159
K20 (LB/A)	133
MGO (LB/a)	34

COUNTY:	Butler	# of Samples	24
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.3		
P (ppm)	143		
K (ppm)	291	K (% Sat)	4.9
Mg (ppm)	221	Mg (% Sat)	6.3
Ca (ppm)	2,049	Ca (% Sat)	69.6
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1479
N (lb/A)	
P2O5 (LB/A)	158
K20 (LB/A)	164
MGO (LB/a)	9

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COUNTY: Cambria **# of Samples** 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	135		
K (ppm)	249	K (% Sat)	4.5
Mg (ppm)	237	Mg (% Sat)	5.4
Ca (ppm)	1,888	Ca (% Sat)	56.1
CEC	14.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	116
K20 (LB/A)	38
MGO (LB/a)	25

COUNTY: Cameron **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	6.3		
P (ppm)	9		
K (ppm)	71	K (% Sat)	1.4
Mg (ppm)	89	Mg (% Sat)	2.0
Ca (ppm)	1,070	Ca (% Sat)	41.1
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	6167
N (lb/A)	
P2O5 (LB/A)	198
K20 (LB/A)	117
MGO (LB/a)	50

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COUNTY: Carbon **# of Samples** 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	197		
K (ppm)	131	K (% Sat)	2.9
Mg (ppm)	172	Mg (% Sat)	2.5
Ca (ppm)	1,393	Ca (% Sat)	51.9
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3542
N (lb/A)	
P2O5 (LB/A)	188
K20 (LB/A)	167
MGO (LB/a)	31

COUNTY: Centre **# of Samples** 451

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	51		
K (ppm)	114	K (% Sat)	2.0
Mg (ppm)	223	Mg (% Sat)	4.8
Ca (ppm)	2,160	Ca (% Sat)	66.5
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2203
N (lb/A)	
P2O5 (LB/A)	110
K20 (LB/A)	76
MGO (LB/a)	30

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COUNTY: Chester **# of Samples** 25

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.3		
P (ppm)	143		
K (ppm)	230	K (% Sat)	4.2
Mg (ppm)	270	Mg (% Sat)	2.5
Ca (ppm)	1,985	Ca (% Sat)	66.9
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1960
N (lb/A)	
P2O5 (LB/A)	148
K20 (LB/A)	163
MGO (LB/a)	45

COUNTY: Clarion **# of Samples** 54

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.2		
Acidity (meq/100 g)	4.0		
P (ppm)	25		
K (ppm)	43	K (% Sat)	1.1
Mg (ppm)	101	Mg (% Sat)	2.2
Ca (ppm)	619	Ca (% Sat)	37.6
CEC	8.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3463
N (lb/A)	
P2O5 (LB/A)	75
K20 (LB/A)	54
MGO (LB/a)	64

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COUNTY: **Clearfield** # of Samples 20

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	276		
K (ppm)	280	K (% Sat)	4.7
Mg (ppm)	205	Mg (% Sat)	4.6
Ca (ppm)	2,235	Ca (% Sat)	66.0
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1825
N (lb/A)	
P2O5 (LB/A)	138
K20 (LB/A)	88
MGO (LB/a)	23

COUNTY: **Clinton** # of Samples 13

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	150		
K (ppm)	316	K (% Sat)	5.0
Mg (ppm)	254	Mg (% Sat)	7.9
Ca (ppm)	2,735	Ca (% Sat)	66.4
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1615
N (lb/A)	
P2O5 (LB/A)	140
K20 (LB/A)	208
MGO (LB/a)	19

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COUNTY: **Columbia** # of Samples 26

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	198		
K (ppm)	232	K (% Sat)	3.9
Mg (ppm)	204	Mg (% Sat)	6.6
Ca (ppm)	1,855	Ca (% Sat)	59.6
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2212
N (lb/A)	
P2O5 (LB/A)	108
K20 (LB/A)	93
MGO (LB/a)	6

COUNTY: **Crawford** # of Samples 75

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	71		
K (ppm)	133	K (% Sat)	2.4
Mg (ppm)	187	Mg (% Sat)	6.4
Ca (ppm)	1,524	Ca (% Sat)	55.6
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3813
N (lb/A)	
P2O5 (LB/A)	126
K20 (LB/A)	99
MGO (LB/a)	7

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COUNTY: Cumberland **# of Samples** 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.8		
P (ppm)	224		
K (ppm)	213	K (% Sat)	4.0
Mg (ppm)	197	Mg (% Sat)	7.2
Ca (ppm)	2,029	Ca (% Sat)	66.7
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1292
N (lb/A)	
P2O5 (LB/A)	113
K20 (LB/A)	67
MGO (LB/a)	43

COUNTY: Dauphin **# of Samples** 46

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.2		
P (ppm)	164		
K (ppm)	168	K (% Sat)	3.9
Mg (ppm)	179	Mg (% Sat)	11.7
Ca (ppm)	1,650	Ca (% Sat)	70.8
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1033
N (lb/A)	
P2O5 (LB/A)	108
K20 (LB/A)	67
MGO (LB/a)	1

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COUNTY: Delaware **# of Samples** 13

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.8		
P (ppm)	202		
K (ppm)	337	K (% Sat)	5.8
Mg (ppm)	323	Mg (% Sat)	7.0
Ca (ppm)	2,336	Ca (% Sat)	61.7
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1692
N (lb/A)	
P2O5 (LB/A)	143
K20 (LB/A)	98
MGO (LB/a)	0

COUNTY: Elk **# of Samples** 13

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.9		
P (ppm)	140		
K (ppm)	199	K (% Sat)	3.2
Mg (ppm)	179	Mg (% Sat)	4.6
Ca (ppm)	2,139	Ca (% Sat)	58.7
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2385
N (lb/A)	
P2O5 (LB/A)	118
K20 (LB/A)	44
MGO (LB/a)	30

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COUNTY: Erie **# of Samples** 32

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	169		
K (ppm)	250	K (% Sat)	4.3
Mg (ppm)	233	Mg (% Sat)	2.8
Ca (ppm)	1,916	Ca (% Sat)	54.4
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3531
N (lb/A)	
P2O5 (LB/A)	97
K20 (LB/A)	89
MGO (LB/a)	37

COUNTY: Fayette **# of Samples** 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.9		
P (ppm)	242		
K (ppm)	200	K (% Sat)	3.4
Mg (ppm)	190	Mg (% Sat)	4.3
Ca (ppm)	2,800	Ca (% Sat)	78.1
CEC	14.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1292
N (lb/A)	
P2O5 (LB/A)	183
K20 (LB/A)	139
MGO (LB/a)	8

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COUNTY: Forest **# of Samples** 9

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.5		
P (ppm)	109		
K (ppm)	147	K (% Sat)	2.9
Mg (ppm)	140	Mg (% Sat)	2.9
Ca (ppm)	1,198	Ca (% Sat)	45.1
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	5278
N (lb/A)	
P2O5 (LB/A)	215
K20 (LB/A)	132
MGO (LB/a)	64

COUNTY: Franklin **# of Samples** 13

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	39		
K (ppm)	150	K (% Sat)	3.1
Mg (ppm)	197	Mg (% Sat)	5.4
Ca (ppm)	1,562	Ca (% Sat)	59.2
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2423
N (lb/A)	
P2O5 (LB/A)	132
K20 (LB/A)	88
MGO (LB/a)	27

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COUNTY: Fulton **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	293		
K (ppm)	257	K (% Sat)	4.7
Mg (ppm)	192	Mg (% Sat)	7.4
Ca (ppm)	1,789	Ca (% Sat)	65.9
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	128
K20 (LB/A)	105
MGO (LB/a)	0

COUNTY: Greene **# of Samples** 5

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	107		
K (ppm)	250	K (% Sat)	4.7
Mg (ppm)	245	Mg (% Sat)	12.6
Ca (ppm)	1,559	Ca (% Sat)	58.5
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2100
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	105
MGO (LB/a)	63

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COUNTY: Huntingdon **# of Samples** 19

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.8		
P (ppm)	20		
K (ppm)	118	K (% Sat)	2.0
Mg (ppm)	142	Mg (% Sat)	5.8
Ca (ppm)	1,565	Ca (% Sat)	48.5
CEC	16.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	7053
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	110
MGO (LB/a)	28

COUNTY: Indiana **# of Samples** 16

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	144		
K (ppm)	224	K (% Sat)	4.2
Mg (ppm)	173	Mg (% Sat)	6.6
Ca (ppm)	2,346	Ca (% Sat)	58.2
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2813
N (lb/A)	
P2O5 (LB/A)	217
K20 (LB/A)	189
MGO (LB/a)	25

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COUNTY: **Jefferson** # of Samples 16

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.2		
P (ppm)	149		
K (ppm)	164	K (% Sat)	3.0
Mg (ppm)	199	Mg (% Sat)	12.9
Ca (ppm)	2,101	Ca (% Sat)	55.3
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3156
N (lb/A)	
P2O5 (LB/A)	193
K20 (LB/A)	117
MGO (LB/a)	6

COUNTY: **Juniata** # of Samples 9

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.5		
P (ppm)	311		
K (ppm)	711	K (% Sat)	9.4
Mg (ppm)	341	Mg (% Sat)	16.9
Ca (ppm)	4,146	Ca (% Sat)	71.5
CEC	18.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	222
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	0

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COUNTY: **Lackawanna** # of Samples 55

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.5		
P (ppm)	161		
K (ppm)	168	K (% Sat)	3.7
Mg (ppm)	145	Mg (% Sat)	5.4
Ca (ppm)	1,671	Ca (% Sat)	72.3
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1427
N (lb/A)	
P2O5 (LB/A)	113
K20 (LB/A)	117
MGO (LB/a)	19

COUNTY: **Lancaster** # of Samples 17

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.1		
P (ppm)	224		
K (ppm)	238	K (% Sat)	4.4
Mg (ppm)	197	Mg (% Sat)	7.9
Ca (ppm)	3,207	Ca (% Sat)	75.7
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	824
N (lb/A)	
P2O5 (LB/A)	120
K20 (LB/A)	53
MGO (LB/a)	12

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COUNTY: Lawrence **# of Samples** 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.6		
P (ppm)	122		
K (ppm)	159	K (% Sat)	3.4
Mg (ppm)	124	Mg (% Sat)	4.9
Ca (ppm)	1,415	Ca (% Sat)	53.1
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3633
N (lb/A)	
P2O5 (LB/A)	152
K20 (LB/A)	135
MGO (LB/a)	19

COUNTY: Lebanon **# of Samples** 17

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	146		
K (ppm)	179	K (% Sat)	3.4
Mg (ppm)	199	Mg (% Sat)	11.6
Ca (ppm)	2,136	Ca (% Sat)	67.8
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2029
N (lb/A)	
P2O5 (LB/A)	80
K20 (LB/A)	72
MGO (LB/a)	13

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COUNTY: **Lehigh** # of Samples **27**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.1		
P (ppm)	169		
K (ppm)	237	K (% Sat)	4.0
Mg (ppm)	301	Mg (% Sat)	4.7
Ca (ppm)	2,949	Ca (% Sat)	70.2
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	778
N (lb/A)	
P2O5 (LB/A)	131
K2O (LB/A)	145
MGO (LB/a)	71

COUNTY: **Luzerne** # of Samples **32**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.9		
P (ppm)	221		
K (ppm)	192	K (% Sat)	3.5
Mg (ppm)	226	Mg (% Sat)	10.7
Ca (ppm)	1,948	Ca (% Sat)	63.5
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1619
N (lb/A)	
P2O5 (LB/A)	127
K2O (LB/A)	121
MGO (LB/a)	6

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COUNTY:	Lycoming	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	243		
K (ppm)	291	K (% Sat)	4.7
Mg (ppm)	242	Mg (% Sat)	5.7
Ca (ppm)	2,575	Ca (% Sat)	65.2
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	846
N (lb/A)	
P2O5 (LB/A)	66
K20 (LB/A)	32
MGO (LB/a)	9

COUNTY:	McKean	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	81		
K (ppm)	194	K (% Sat)	3.0
Mg (ppm)	190	Mg (% Sat)	2.7
Ca (ppm)	2,169	Ca (% Sat)	57.8
CEC	15.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4077
N (lb/A)	
P2O5 (LB/A)	148
K20 (LB/A)	116
MGO (LB/a)	17

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COUNTY: Mercer **# of Samples** 30

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	162		
K (ppm)	206	K (% Sat)	3.8
Mg (ppm)	235	Mg (% Sat)	11.4
Ca (ppm)	1,943	Ca (% Sat)	62.9
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1850
N (lb/A)	
P2O5 (LB/A)	108
K20 (LB/A)	93
MGO (LB/a)	23

COUNTY: Monroe **# of Samples** 20

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	143		
K (ppm)	55	K (% Sat)	1.4
Mg (ppm)	133	Mg (% Sat)	4.7
Ca (ppm)	1,065	Ca (% Sat)	55.4
CEC	9.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2875
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	187
MGO (LB/a)	13

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COUNTY: **MONTGOMERY** # of Samples 51

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	172		
K (ppm)	210	K (% Sat)	3.4
Mg (ppm)	288	Mg (% Sat)	7.8
Ca (ppm)	2,251	Ca (% Sat)	64.3
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2059
N (lb/A)	
P2O5 (LB/A)	179
K20 (LB/A)	157
MGO (LB/a)	1

COUNTY: **Montour** # of Samples 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.9		
P (ppm)	120		
K (ppm)	234	K (% Sat)	4.5
Mg (ppm)	145	Mg (% Sat)	9.1
Ca (ppm)	2,239	Ca (% Sat)	79.7
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	300
N (lb/A)	
P2O5 (LB/A)	83
K20 (LB/A)	17
MGO (LB/a)	0

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COUNTY: **Northampton** # of Samples **36**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	155		
K (ppm)	239	K (% Sat)	4.6
Mg (ppm)	202	Mg (% Sat)	10.3
Ca (ppm)	2,018	Ca (% Sat)	65.8
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1478
N (lb/A)	
P2O5 (LB/A)	73
K20 (LB/A)	92
MGO (LB/a)	30

COUNTY: **Northumberland** # of Samples **29**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	145		
K (ppm)	161	K (% Sat)	3.7
Mg (ppm)	145	Mg (% Sat)	10.3
Ca (ppm)	1,631	Ca (% Sat)	70.9
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	483
N (lb/A)	
P2O5 (LB/A)	67
K20 (LB/A)	38
MGO (LB/a)	0

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COUNTY: Perry **# of Samples** 26

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	210		
K (ppm)	217	K (% Sat)	3.7
Mg (ppm)	195	Mg (% Sat)	9.3
Ca (ppm)	2,023	Ca (% Sat)	68.8
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	885
N (lb/A)	
P2O5 (LB/A)	89
K20 (LB/A)	97
MGO (LB/a)	0

COUNTY: Philadelphia **# of Samples** 14

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.0		
P (ppm)	352		
K (ppm)	386	K (% Sat)	5.1
Mg (ppm)	384	Mg (% Sat)	4.5
Ca (ppm)	3,272	Ca (% Sat)	70.9
CEC	17.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	857
N (lb/A)	
P2O5 (LB/A)	265
K20 (LB/A)	125
MGO (LB/a)	10

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COUNTY: Pike **# of Samples** 1

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.5		
Acidity (meq/100 g)	0.0		
P (ppm)	414		
K (ppm)	207	K (% Sat)	4.1
Mg (ppm)	259	Mg (% Sat)	16.9
Ca (ppm)	2,023	Ca (% Sat)	79.0
CEC	12.8		

SOIL TEST RECOMMENDATIONS

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

COUNTY: Potter **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.3		
P (ppm)	131		
K (ppm)	457	K (% Sat)	6.2
Mg (ppm)	241	Mg (% Sat)	10.6
Ca (ppm)	2,302	Ca (% Sat)	64.0
CEC	16.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1833
N (lb/A)	
P2O5 (LB/A)	165
K20 (LB/A)	165
MGO (LB/a)	20

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COUNTY: **Schuylkill** # of Samples 23

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	295		
K (ppm)	188	K (% Sat)	3.9
Mg (ppm)	153	Mg (% Sat)	1.8
Ca (ppm)	1,428	Ca (% Sat)	58.5
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	98
MGO (LB/a)	32

COUNTY: **Snyder** # of Samples 14

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	223		
K (ppm)	246	K (% Sat)	4.1
Mg (ppm)	140	Mg (% Sat)	6.8
Ca (ppm)	1,997	Ca (% Sat)	73.3
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	103
K20 (LB/A)	120
MGO (LB/a)	5

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COUNTY: Somerset **# of Samples** 26

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	132		
K (ppm)	268	K (% Sat)	4.5
Mg (ppm)	214	Mg (% Sat)	11.6
Ca (ppm)	2,237	Ca (% Sat)	70.0
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1635
N (lb/A)	
P2O5 (LB/A)	123
K20 (LB/A)	138
MGO (LB/a)	3

COUNTY: Sullivan **# of Samples** 1

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	5.1		
P (ppm)	34		
K (ppm)	113	K (% Sat)	2.1
Mg (ppm)	94	Mg (% Sat)	5.7
Ca (ppm)	1,520	Ca (% Sat)	55.2
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	45
K20 (LB/A)	10
MGO (LB/a)	0

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COUNTY: Susquehanna **# of Samples** 36

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	145		
K (ppm)	141	K (% Sat)	2.8
Mg (ppm)	227	Mg (% Sat)	13.4
Ca (ppm)	1,573	Ca (% Sat)	59.8
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1694
N (lb/A)	
P2O5 (LB/A)	122
K20 (LB/A)	93
MGO (LB/a)	5

COUNTY: Tioga **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.9		
P (ppm)	201		
K (ppm)	221	K (% Sat)	4.0
Mg (ppm)	192	Mg (% Sat)	10.1
Ca (ppm)	2,185	Ca (% Sat)	77.5
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	80
K20 (LB/A)	173
MGO (LB/a)	0

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COUNTY: Union **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	185		
K (ppm)	189	K (% Sat)	3.4
Mg (ppm)	144	Mg (% Sat)	8.4
Ca (ppm)	2,120	Ca (% Sat)	66.8
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2333
N (lb/A)	
P2O5 (LB/A)	190
K20 (LB/A)	187
MGO (LB/a)	5

COUNTY: Venango **# of Samples** 7

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	113		
K (ppm)	192	K (% Sat)	3.9
Mg (ppm)	148	Mg (% Sat)	3.1
Ca (ppm)	2,186	Ca (% Sat)	63.9
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2686
N (lb/A)	
P2O5 (LB/A)	65
K20 (LB/A)	72
MGO (LB/a)	32

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COUNTY: **WARREN** # of Samples 11

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	156		
K (ppm)	203	K (% Sat)	4.0
Mg (ppm)	204	Mg (% Sat)	7.0
Ca (ppm)	1,512	Ca (% Sat)	57.8
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2909
N (lb/A)	
P2O5 (LB/A)	101
K20 (LB/A)	113
MGO (LB/a)	53

COUNTY: **Washington** # of Samples 45

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	93		
K (ppm)	241	K (% Sat)	3.6
Mg (ppm)	246	Mg (% Sat)	3.6
Ca (ppm)	2,727	Ca (% Sat)	65.1
CEC	16.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2578
N (lb/A)	
P2O5 (LB/A)	108
K20 (LB/A)	74
MGO (LB/a)	25

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COUNTY: **Wayne** # of Samples **8**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.5		
P (ppm)	180		
K (ppm)	153	K (% Sat)	2.9
Mg (ppm)	169	Mg (% Sat)	5.1
Ca (ppm)	1,368	Ca (% Sat)	51.5
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3125
N (lb/A)	
P2O5 (LB/A)	155
K20 (LB/A)	97
MGO (LB/a)	29

COUNTY: **Westmoreland** # of Samples **49**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	163		
K (ppm)	256	K (% Sat)	4.0
Mg (ppm)	233	Mg (% Sat)	5.8
Ca (ppm)	2,198	Ca (% Sat)	62.7
CEC	15.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2553
N (lb/A)	
P2O5 (LB/A)	117
K20 (LB/A)	68
MGO (LB/a)	20

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COUNTY: **Wyoming** # of Samples 11

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	0.7		
P (ppm)	189		
K (ppm)	107	K (% Sat)	3.2
Mg (ppm)	171	Mg (% Sat)	22.7
Ca (ppm)	1,341	Ca (% Sat)	75.9
CEC	9.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	113
MGO (LB/a)	24

COUNTY: **York** # of Samples 20

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.7		
P (ppm)	132		
K (ppm)	191	K (% Sat)	3.4
Mg (ppm)	218	Mg (% Sat)	4.2
Ca (ppm)	1,965	Ca (% Sat)	59.6
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2595
N (lb/A)	
P2O5 (LB/A)	137
K20 (LB/A)	122
MGO (LB/a)	38