

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Small Fruits

of Samples 799

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.1		
P (ppm)	116		
K (ppm)	209	K (% Sat)	3.8
Mg (ppm)	197	Mg (% Sat)	11.8
Ca (ppm)	1,674	Ca (% Sat)	54.4
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	478
N (lb/A)	
P2O5 (LB/A)	68
K20 (LB/A)	99
MGO (LB/a)	60

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COUNTY: **ADAMS** # of Samples 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.0		
P (ppm)	133		
K (ppm)	189	K (% Sat)	4.1
Mg (ppm)	186	Mg (% Sat)	10.1
Ca (ppm)	1,294	Ca (% Sat)	53.4
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	375
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	57
MGO (LB/a)	7

COUNTY: **Allegheny** # of Samples 21

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.8		
P (ppm)	106		
K (ppm)	194	K (% Sat)	3.0
Mg (ppm)	229	Mg (% Sat)	4.6
Ca (ppm)	2,462	Ca (% Sat)	61.9
CEC	16.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	190
N (lb/A)	
P2O5 (LB/A)	73
K20 (LB/A)	123
MGO (LB/a)	66

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COUNTY: Armstrong **# of Samples** 7

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.3		
P (ppm)	66		
K (ppm)	178	K (% Sat)	3.2
Mg (ppm)	178	Mg (% Sat)	10.6
Ca (ppm)	1,417	Ca (% Sat)	44.7
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1286
N (lb/A)	
P2O5 (LB/A)	85
K20 (LB/A)	88
MGO (LB/a)	90

COUNTY: Beaver **# of Samples** 7

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	7.2		
P (ppm)	152		
K (ppm)	191	K (% Sat)	3.6
Mg (ppm)	113	Mg (% Sat)	1.2
Ca (ppm)	1,003	Ca (% Sat)	36.6
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	571
N (lb/A)	
P2O5 (LB/A)	73
K20 (LB/A)	130
MGO (LB/a)	96

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COUNTY: Bedford **# of Samples** 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.2		
P (ppm)	72		
K (ppm)	293	K (% Sat)	6.0
Mg (ppm)	131	Mg (% Sat)	4.2
Ca (ppm)	1,161	Ca (% Sat)	50.4
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1167
N (lb/A)	
P2O5 (LB/A)	82
K20 (LB/A)	106
MGO (LB/a)	93

COUNTY: Berks **# of Samples** 31

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.7		
P (ppm)	94		
K (ppm)	220	K (% Sat)	3.9
Mg (ppm)	204	Mg (% Sat)	12.8
Ca (ppm)	1,491	Ca (% Sat)	50.0
CEC	14.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	452
N (lb/A)	
P2O5 (LB/A)	55
K20 (LB/A)	93
MGO (LB/a)	65

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 Small Fruits

COUNTY: **Blair** # of Samples 5

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.8		
P (ppm)	327		
K (ppm)	227	K (% Sat)	3.4
Mg (ppm)	333	Mg (% Sat)	8.7
Ca (ppm)	3,139	Ca (% Sat)	57.1
CEC	17.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	75
MGO (LB/a)	170

COUNTY: **Bradford** # of Samples 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.9		
P (ppm)	59		
K (ppm)	216	K (% Sat)	4.3
Mg (ppm)	157	Mg (% Sat)	6.4
Ca (ppm)	1,123	Ca (% Sat)	45.7
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	92
K20 (LB/A)	112
MGO (LB/a)	87

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Small Fruits

COUNTY:	Bucks	# of Samples	34
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.3		
P (ppm)	69		
K (ppm)	143	K (% Sat)	3.1
Mg (ppm)	187	Mg (% Sat)	6.6
Ca (ppm)	1,022	Ca (% Sat)	39.1
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	235
N (lb/A)	
P2O5 (LB/A)	73
K20 (LB/A)	102
MGO (LB/a)	26

COUNTY:	Butler	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.6		
P (ppm)	153		
K (ppm)	242	K (% Sat)	3.8
Mg (ppm)	199	Mg (% Sat)	7.4
Ca (ppm)	1,970	Ca (% Sat)	60.5
CEC	15.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	364
N (lb/A)	
P2O5 (LB/A)	63
K20 (LB/A)	123
MGO (LB/a)	79

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COUNTY:	Cambria	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.8		
Acidity (meq/100 g)	10.6		
P (ppm)	146		
K (ppm)	100	K (% Sat)	1.3
Mg (ppm)	193	Mg (% Sat)	2.1
Ca (ppm)	1,441	Ca (% Sat)	37.4
CEC	19.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	112
MGO (LB/a)	18

COUNTY:	Carbon	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	7.6		
P (ppm)	105		
K (ppm)	144	K (% Sat)	2.9
Mg (ppm)	148	Mg (% Sat)	4.2
Ca (ppm)	1,024	Ca (% Sat)	39.9
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	110
MGO (LB/a)	28

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COUNTY: **Centre** # of Samples 110

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.4		
P (ppm)	141		
K (ppm)	180	K (% Sat)	3.2
Mg (ppm)	274	Mg (% Sat)	4.2
Ca (ppm)	2,509	Ca (% Sat)	71.0
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	127
N (lb/A)	
P2O5 (LB/A)	76
K20 (LB/A)	85
MGO (LB/a)	39

COUNTY: **Chester** # of Samples 17

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	194		
K (ppm)	236	K (% Sat)	4.1
Mg (ppm)	260	Mg (% Sat)	16.1
Ca (ppm)	2,324	Ca (% Sat)	58.4
CEC	15.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	353
N (lb/A)	
P2O5 (LB/A)	81
K20 (LB/A)	91
MGO (LB/a)	36

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COUNTY: Clarion **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.0		
Acidity (meq/100 g)	9.9		
P (ppm)	35		
K (ppm)	114	K (% Sat)	2.4
Mg (ppm)	45	Mg (% Sat)	2.2
Ca (ppm)	338	Ca (% Sat)	14.0
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	5000
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	85
MGO (LB/a)	35

COUNTY: Clearfield **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.0		
P (ppm)	78		
K (ppm)	264	K (% Sat)	4.8
Mg (ppm)	223	Mg (% Sat)	3.8
Ca (ppm)	1,331	Ca (% Sat)	48.2
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	80
MGO (LB/a)	122

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COUNTY: **Clinton** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	57		
K (ppm)	133	K (% Sat)	2.9
Mg (ppm)	116	Mg (% Sat)	7.4
Ca (ppm)	1,785	Ca (% Sat)	63.6
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	714
N (lb/A)	
P2O5 (LB/A)	85
K2O (LB/A)	86
MGO (LB/a)	43

COUNTY: **Columbia** # of Samples **12**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	127		
K (ppm)	208	K (% Sat)	4.2
Mg (ppm)	199	Mg (% Sat)	15.9
Ca (ppm)	1,221	Ca (% Sat)	50.4
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	250
N (lb/A)	
P2O5 (LB/A)	60
K2O (LB/A)	105
MGO (LB/a)	39

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COUNTY: **Crawford** # of Samples **6**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	6.5		
P (ppm)	71		
K (ppm)	131	K (% Sat)	2.6
Mg (ppm)	103	Mg (% Sat)	4.9
Ca (ppm)	1,045	Ca (% Sat)	39.0
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	75
K20 (LB/A)	89
MGO (LB/a)	83

COUNTY: **Cumberland** # of Samples **19**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.9		
P (ppm)	98		
K (ppm)	228	K (% Sat)	4.1
Mg (ppm)	215	Mg (% Sat)	4.5
Ca (ppm)	2,080	Ca (% Sat)	58.0
CEC	15.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	79
K20 (LB/A)	90
MGO (LB/a)	59

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COUNTY:	Dauphin	# of Samples	20
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	131		
K (ppm)	219	K (% Sat)	5.2
Mg (ppm)	146	Mg (% Sat)	10.1
Ca (ppm)	1,266	Ca (% Sat)	58.9
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1025
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	98
MGO (LB/a)	102

COUNTY:	Delaware	# of Samples	8
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.4		
P (ppm)	156		
K (ppm)	239	K (% Sat)	3.6
Mg (ppm)	291	Mg (% Sat)	9.1
Ca (ppm)	2,240	Ca (% Sat)	60.8
CEC	16.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	82
MGO (LB/a)	63

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COUNTY:	Eik	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.4		
P (ppm)	32		
K (ppm)	184	K (% Sat)	2.9
Mg (ppm)	201	Mg (% Sat)	9.9
Ca (ppm)	2,531	Ca (% Sat)	58.7
CEC	16.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	80
K20 (LB/A)	50
MGO (LB/a)	3

COUNTY:	Erie	# of Samples	82
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.4		
P (ppm)	63		
K (ppm)	195	K (% Sat)	3.6
Mg (ppm)	163	Mg (% Sat)	7.4
Ca (ppm)	1,339	Ca (% Sat)	47.5
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	317
N (lb/A)	
P2O5 (LB/A)	63
K20 (LB/A)	74
MGO (LB/a)	2

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COUNTY: **Fayette** # of Samples **6**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.8		
P (ppm)	144		
K (ppm)	246	K (% Sat)	3.6
Mg (ppm)	198	Mg (% Sat)	2.5
Ca (ppm)	1,812	Ca (% Sat)	55.8
CEC	16.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	333
N (lb/A)	
P2O5 (LB/A)	57
K20 (LB/A)	125
MGO (LB/a)	32

COUNTY: **Forest** # of Samples **3**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.1		
P (ppm)	53		
K (ppm)	82	K (% Sat)	1.5
Mg (ppm)	158	Mg (% Sat)	10.1
Ca (ppm)	1,203	Ca (% Sat)	44.1
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1667
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	120
MGO (LB/a)	63

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COUNTY: Franklin **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.5		
P (ppm)	116		
K (ppm)	308	K (% Sat)	5.5
Mg (ppm)	169	Mg (% Sat)	5.8
Ca (ppm)	1,333	Ca (% Sat)	48.9
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	74
K20 (LB/A)	110
MGO (LB/a)	120

COUNTY: Fulton **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	22		
K (ppm)	56	K (% Sat)	1.9
Mg (ppm)	101	Mg (% Sat)	13.2
Ca (ppm)	920	Ca (% Sat)	62.7
CEC	7.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	80
K20 (LB/A)	150
MGO (LB/a)	0

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COUNTY: **Greene** # of Samples **1**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	75		
K (ppm)	394	K (% Sat)	7.2
Mg (ppm)	192	Mg (% Sat)	11.4
Ca (ppm)	1,728	Ca (% Sat)	61.5
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	150

COUNTY: **Huntingdon** # of Samples **6**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.0		
P (ppm)	101		
K (ppm)	230	K (% Sat)	3.6
Mg (ppm)	296	Mg (% Sat)	11.5
Ca (ppm)	2,317	Ca (% Sat)	65.8
CEC	16.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	
MGO (LB/a)	150

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COUNTY:	Indiana	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	65		
K (ppm)	140	K (% Sat)	3.4
Mg (ppm)	135	Mg (% Sat)	3.6
Ca (ppm)	971	Ca (% Sat)	45.8
CEC	10.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	74
K20 (LB/A)	105
MGO (LB/a)	44

COUNTY:	Jefferson	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.6		
Acidity (meq/100 g)	0.0		
P (ppm)	29		
K (ppm)	312	K (% Sat)	7.6
Mg (ppm)	281	Mg (% Sat)	22.3
Ca (ppm)	1,475	Ca (% Sat)	70.1
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	
MGO (LB/a)	

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COUNTY: **Juniata** # of Samples **5**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	108		
K (ppm)	286	K (% Sat)	5.5
Mg (ppm)	154	Mg (% Sat)	6.6
Ca (ppm)	1,626	Ca (% Sat)	59.4
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	600
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	
MGO (LB/a)	162

COUNTY: **Lackawanna** # of Samples **18**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.7		
P (ppm)	198		
K (ppm)	223	K (% Sat)	4.5
Mg (ppm)	159	Mg (% Sat)	10.1
Ca (ppm)	1,320	Ca (% Sat)	53.1
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1606
N (lb/A)	
P2O5 (LB/A)	75
K20 (LB/A)	118
MGO (LB/a)	125

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COUNTY: Lancaster **# of Samples** 18

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	133		
K (ppm)	278	K (% Sat)	4.8
Mg (ppm)	203	Mg (% Sat)	10.3
Ca (ppm)	1,678	Ca (% Sat)	51.4
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1389
N (lb/A)	
P2O5 (LB/A)	58
K20 (LB/A)	99
MGO (LB/a)	47

COUNTY: Lawrence **# of Samples** 5

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.6		
P (ppm)	63		
K (ppm)	164	K (% Sat)	3.6
Mg (ppm)	136	Mg (% Sat)	15.5
Ca (ppm)	1,244	Ca (% Sat)	54.7
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	63
K20 (LB/A)	110
MGO (LB/a)	188

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SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
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COUNTY: **Lebanon** # of Samples **3**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.2		
P (ppm)	133		
K (ppm)	307	K (% Sat)	5.3
Mg (ppm)	181	Mg (% Sat)	5.3
Ca (ppm)	1,720	Ca (% Sat)	54.8
CEC	16.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	140
MGO (LB/a)	125

COUNTY: **Lehigh** # of Samples **33**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.5		
P (ppm)	79		
K (ppm)	199	K (% Sat)	4.7
Mg (ppm)	210	Mg (% Sat)	3.9
Ca (ppm)	1,102	Ca (% Sat)	47.2
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	697
N (lb/A)	
P2O5 (LB/A)	55
K20 (LB/A)	85
MGO (LB/a)	25

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Small Fruits

COUNTY: Luzerne **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	216		
K (ppm)	298	K (% Sat)	5.6
Mg (ppm)	121	Mg (% Sat)	4.1
Ca (ppm)	1,203	Ca (% Sat)	51.3
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	750
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	110
MGO (LB/a)	108

COUNTY: Lycoming **# of Samples** 14

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.5		
P (ppm)	180		
K (ppm)	216	K (% Sat)	3.8
Mg (ppm)	153	Mg (% Sat)	4.1
Ca (ppm)	1,572	Ca (% Sat)	53.9
CEC	15.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	643
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	117
MGO (LB/a)	120

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Small Fruits

COUNTY: **McKean** # of Samples **1**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.5		
Acidity (meq/100 g)	0.0		
P (ppm)	85		
K (ppm)	303	K (% Sat)	5.0
Mg (ppm)	219	Mg (% Sat)	11.8
Ca (ppm)	2,572	Ca (% Sat)	83.2
CEC	15.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	90

COUNTY: **Mercer** # of Samples **11**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.1		
P (ppm)	92		
K (ppm)	219	K (% Sat)	3.9
Mg (ppm)	116	Mg (% Sat)	4.8
Ca (ppm)	1,427	Ca (% Sat)	48.4
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	909
N (lb/A)	
P2O5 (LB/A)	87
K20 (LB/A)	110
MGO (LB/a)	133

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
 Small Fruits

COUNTY: **Mifflin** # of Samples **1**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.3		
Acidity (meq/100 g)	0.0		
P (ppm)	30		
K (ppm)	242	K (% Sat)	4.0
Mg (ppm)	318	Mg (% Sat)	17.3
Ca (ppm)	2,418	Ca (% Sat)	78.7
CEC	15.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	
MGO (LB/a)	

COUNTY: **Monroe** # of Samples **2**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.1		
P (ppm)	195		
K (ppm)	224	K (% Sat)	4.3
Mg (ppm)	165	Mg (% Sat)	9.3
Ca (ppm)	2,096	Ca (% Sat)	78.1
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	200

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Small Fruits

COUNTY:	Montgomery	# of Samples	24
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.9		
P (ppm)	120		
K (ppm)	164	K (% Sat)	2.9
Mg (ppm)	257	Mg (% Sat)	12.9
Ca (ppm)	2,054	Ca (% Sat)	68.4
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	93
MGO (LB/a)	25

COUNTY:	Northampton	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	84		
K (ppm)	179	K (% Sat)	4.0
Mg (ppm)	177	Mg (% Sat)	5.7
Ca (ppm)	1,889	Ca (% Sat)	63.3
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	429
N (lb/A)	
P2O5 (LB/A)	66
K20 (LB/A)	123
MGO (LB/a)	85

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
 Small Fruits

COUNTY: **Northumberland** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.1		
P (ppm)	139		
K (ppm)	158	K (% Sat)	2.9
Mg (ppm)	148	Mg (% Sat)	6.0
Ca (ppm)	1,190	Ca (% Sat)	45.9
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1429
N (lb/A)	
P2O5 (LB/A)	83
K20 (LB/A)	110
MGO (LB/a)	57

COUNTY: **Perry** # of Samples **10**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.4		
P (ppm)	288		
K (ppm)	620	K (% Sat)	8.0
Mg (ppm)	241	Mg (% Sat)	6.1
Ca (ppm)	1,885	Ca (% Sat)	44.2
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	63
K20 (LB/A)	70
MGO (LB/a)	48

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
 Small Fruits

COUNTY: **Philadelphia** # of Samples **6**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	3.0		
P (ppm)	358		
K (ppm)	859	K (% Sat)	9.0
Mg (ppm)	420	Mg (% Sat)	4.2
Ca (ppm)	3,762	Ca (% Sat)	55.3
CEC	19.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	95
MGO (LB/a)	30

COUNTY: **Potter** # of Samples **1**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.9		
Acidity (meq/100 g)	9.3		
P (ppm)	90		
K (ppm)	181	K (% Sat)	3.3
Mg (ppm)	192	Mg (% Sat)	11.5
Ca (ppm)	514	Ca (% Sat)	18.4
CEC	13.9		

SOIL TEST RECOMMENDATIONS

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

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
 Small Fruits

COUNTY: **Schuylkill** # of Samples 11

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.6		
P (ppm)	149		
K (ppm)	179	K (% Sat)	3.5
Mg (ppm)	144	Mg (% Sat)	4.8
Ca (ppm)	1,680	Ca (% Sat)	61.4
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1227
N (lb/A)	
P2O5 (LB/A)	40
K20 (LB/A)	120
MGO (LB/a)	74

COUNTY: **Snyder** # of Samples 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	5.0		
P (ppm)	140		
K (ppm)	287	K (% Sat)	4.6
Mg (ppm)	187	Mg (% Sat)	6.6
Ca (ppm)	1,799	Ca (% Sat)	55.3
CEC	16.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	210

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Small Fruits

COUNTY: Somerset **# of Samples** 5

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	6.4		
P (ppm)	39		
K (ppm)	193	K (% Sat)	3.2
Mg (ppm)	148	Mg (% Sat)	5.5
Ca (ppm)	1,533	Ca (% Sat)	50.6
CEC	15.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	67
K20 (LB/A)	50
MGO (LB/a)	86

COUNTY: Sullivan **# of Samples** 1

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.2		
Acidity (meq/100 g)	7.5		
P (ppm)	7		
K (ppm)	117	K (% Sat)	2.9
Mg (ppm)	43	Mg (% Sat)	3.5
Ca (ppm)	416	Ca (% Sat)	20.3
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	110
MGO (LB/a)	160

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
 Small Fruits

COUNTY: **Susquehanna** # of Samples **9**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	6.3		
P (ppm)	55		
K (ppm)	141	K (% Sat)	2.5
Mg (ppm)	152	Mg (% Sat)	6.5
Ca (ppm)	1,189	Ca (% Sat)	41.4
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	82
K20 (LB/A)	126
MGO (LB/a)	49

COUNTY: **Tioga** # of Samples **4**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	5.9		
P (ppm)	68		
K (ppm)	168	K (% Sat)	3.2
Mg (ppm)	138	Mg (% Sat)	6.0
Ca (ppm)	1,242	Ca (% Sat)	45.3
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1250
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	110
MGO (LB/a)	93

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Small Fruits

COUNTY: **Union** # of Samples **5**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	151		
K (ppm)	181	K (% Sat)	3.5
Mg (ppm)	130	Mg (% Sat)	3.5
Ca (ppm)	1,646	Ca (% Sat)	60.4
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	900
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	85
MGO (LB/a)	124

COUNTY: **Venango** # of Samples **2**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	0.0		
P (ppm)	100		
K (ppm)	146	K (% Sat)	3.5
Mg (ppm)	169	Mg (% Sat)	11.3
Ca (ppm)	1,830	Ca (% Sat)	83.1
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	110
MGO (LB/a)	0

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
 Small Fruits

COUNTY: **Warren** # of Samples **2**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.2		
Acidity (meq/100 g)	8.7		
P (ppm)	54		
K (ppm)	188	K (% Sat)	3.2
Mg (ppm)	71	Mg (% Sat)	6.5
Ca (ppm)	627	Ca (% Sat)	21.3
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	180
MGO (LB/a)	245

COUNTY: **Washington** # of Samples **8**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	116		
K (ppm)	208	K (% Sat)	3.3
Mg (ppm)	191	Mg (% Sat)	4.7
Ca (ppm)	2,152	Ca (% Sat)	61.2
CEC	15.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	750
N (lb/A)	
P2O5 (LB/A)	77
K20 (LB/A)	105
MGO (LB/a)	50

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Small Fruits

COUNTY:	Wayne	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.8		
Acidity (meq/100 g)	10.1		
P (ppm)	44		
K (ppm)	145	K (% Sat)	2.6
Mg (ppm)	71	Mg (% Sat)	2.9
Ca (ppm)	743	Ca (% Sat)	25.0
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	108
MGO (LB/a)	170

COUNTY:	Westmoreland	# of Samples	26
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	5.1		
P (ppm)	173		
K (ppm)	234	K (% Sat)	3.8
Mg (ppm)	196	Mg (% Sat)	8.9
Ca (ppm)	1,574	Ca (% Sat)	50.4
CEC	15.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	923
N (lb/A)	
P2O5 (LB/A)	63
K20 (LB/A)	95
MGO (LB/a)	65

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Small Fruits

COUNTY:	Wyoming	# of Samples	18
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.9		
P (ppm)	53		
K (ppm)	102	K (% Sat)	2.5
Mg (ppm)	146	Mg (% Sat)	6.8
Ca (ppm)	950	Ca (% Sat)	44.9
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	556
N (lb/A)	
P2O5 (LB/A)	61
K20 (LB/A)	136
MGO (LB/a)	90

COUNTY:	York	# of Samples	24
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	146		
K (ppm)	228	K (% Sat)	4.7
Mg (ppm)	208	Mg (% Sat)	14.1
Ca (ppm)	1,839	Ca (% Sat)	62.8
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	417
N (lb/A)	
P2O5 (LB/A)	43
K20 (LB/A)	88
MGO (LB/a)	66