

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Small Fruits

of Samples 518

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.5		
P (ppm)	113		
K (ppm)	166	K (% Sat)	3.0
Mg (ppm)	187	Mg (% Sat)	11.0
Ca (ppm)	1,719	Ca (% Sat)	54.6
CEC	14.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	386
N (lb/A)	
P2O5 (LB/A)	69
K20 (LB/A)	107
MGO (LB/a)	49

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COUNTY: **Adams** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.8		
P (ppm)	333		
K (ppm)	137	K (% Sat)	2.1
Mg (ppm)	223	Mg (% Sat)	4.1
Ca (ppm)	2,527	Ca (% Sat)	59.0
CEC	17.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	714
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	98
MGO (LB/a)	16

COUNTY: **Allegheny** # of Samples **20**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.1		
P (ppm)	117		
K (ppm)	132	K (% Sat)	2.1
Mg (ppm)	202	Mg (% Sat)	7.2
Ca (ppm)	2,355	Ca (% Sat)	63.1
CEC	16.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	150
N (lb/A)	
P2O5 (LB/A)	74
K20 (LB/A)	118
MGO (LB/a)	28

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 Small Fruits

COUNTY:	Beaver	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.1		
P (ppm)	25		
K (ppm)	128	K (% Sat)	2.5
Mg (ppm)	180	Mg (% Sat)	6.7
Ca (ppm)	1,785	Ca (% Sat)	56.6
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	65
K20 (LB/A)	140
MGO (LB/a)	0

COUNTY:	Bedford	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.9		
P (ppm)	92		
K (ppm)	480	K (% Sat)	9.4
Mg (ppm)	236	Mg (% Sat)	10.7
Ca (ppm)	2,440	Ca (% Sat)	54.6
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	40
K20 (LB/A)	60
MGO (LB/a)	160

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 Small Fruits

COUNTY:	Berks	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.2		
P (ppm)	119		
K (ppm)	124	K (% Sat)	2.3
Mg (ppm)	174	Mg (% Sat)	1.8
Ca (ppm)	1,520	Ca (% Sat)	52.2
CEC	14.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	333
N (lb/A)	
P2O5 (LB/A)	55
K2O (LB/A)	92
MGO (LB/a)	16

COUNTY:	Blair	# of Samples	5
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.8		
P (ppm)	87		
K (ppm)	201	K (% Sat)	3.4
Mg (ppm)	229	Mg (% Sat)	7.9
Ca (ppm)	2,519	Ca (% Sat)	73.1
CEC	17.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K2O (LB/A)	73
MGO (LB/a)	70

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COUNTY:	Bradford	# of Samples	5
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.6		
P (ppm)	327		
K (ppm)	198	K (% Sat)	3.3
Mg (ppm)	163	Mg (% Sat)	2.3
Ca (ppm)	2,243	Ca (% Sat)	60.9
CEC	15.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	180
MGO (LB/a)	193

COUNTY:	Bucks	# of Samples	19
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.8		
P (ppm)	77		
K (ppm)	106	K (% Sat)	2.2
Mg (ppm)	201	Mg (% Sat)	1.6
Ca (ppm)	1,452	Ca (% Sat)	54.1
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	368
N (lb/A)	
P2O5 (LB/A)	53
K2O (LB/A)	123
MGO (LB/a)	21

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COUNTY:	Butler	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.0		
P (ppm)	78		
K (ppm)	167	K (% Sat)	3.0
Mg (ppm)	150	Mg (% Sat)	6.7
Ca (ppm)	1,329	Ca (% Sat)	42.5
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	250
N (lb/A)	
P2O5 (LB/A)	67
K20 (LB/A)	93
MGO (LB/a)	127

COUNTY:	Cambria	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	5.3		
P (ppm)	237		
K (ppm)	321	K (% Sat)	4.6
Mg (ppm)	243	Mg (% Sat)	9.3
Ca (ppm)	2,037	Ca (% Sat)	52.6
CEC	17.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	140
MGO (LB/a)	53

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 Small Fruits

COUNTY:	Centre	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.3		
P (ppm)	105		
K (ppm)	147	K (% Sat)	2.6
Mg (ppm)	150	Mg (% Sat)	2.7
Ca (ppm)	1,805	Ca (% Sat)	54.3
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	73
K20 (LB/A)	113
MGO (LB/a)	78

COUNTY:	Chester	# of Samples	46
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	38		
K (ppm)	109	K (% Sat)	2.6
Mg (ppm)	280	Mg (% Sat)	20.4
Ca (ppm)	1,300	Ca (% Sat)	50.3
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1217
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	137
MGO (LB/a)	9

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COUNTY:	Clarion	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	21		
K (ppm)	106	K (% Sat)	2.2
Mg (ppm)	113	Mg (% Sat)	7.6
Ca (ppm)	1,789	Ca (% Sat)	72.4
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	110
MGO (LB/a)	20

COUNTY:	Clearfield	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	7.8		
P (ppm)	8		
K (ppm)	79	K (% Sat)	2.1
Mg (ppm)	69	Mg (% Sat)	8.2
Ca (ppm)	261	Ca (% Sat)	13.2
CEC	9.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	95
K20 (LB/A)	115
MGO (LB/a)	100

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COUNTY:	Clinton	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.0		
P (ppm)	141		
K (ppm)	167	K (% Sat)	2.8
Mg (ppm)	198	Mg (% Sat)	7.0
Ca (ppm)	2,317	Ca (% Sat)	78.0
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	110
MGO (LB/a)	17

COUNTY:	Columbia	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	104		
K (ppm)	225	K (% Sat)	5.2
Mg (ppm)	152	Mg (% Sat)	8.3
Ca (ppm)	1,094	Ca (% Sat)	48.5
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K2O (LB/A)	93
MGO (LB/a)	127

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COUNTY:	Crawford	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.6		
P (ppm)	123		
K (ppm)	124	K (% Sat)	2.4
Mg (ppm)	169	Mg (% Sat)	6.5
Ca (ppm)	1,943	Ca (% Sat)	59.0
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	108
MGO (LB/a)	20

COUNTY:	Cumberland	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	5.0		
P (ppm)	112		
K (ppm)	206	K (% Sat)	3.2
Mg (ppm)	210	Mg (% Sat)	8.1
Ca (ppm)	2,295	Ca (% Sat)	60.7
CEC	16.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	93
MGO (LB/a)	12

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Small Fruits

COUNTY:	Dauphin	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.7		
P (ppm)	88		
K (ppm)	131	K (% Sat)	3.4
Mg (ppm)	136	Mg (% Sat)	6.2
Ca (ppm)	1,495	Ca (% Sat)	64.0
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	125
N (lb/A)	
P2O5 (LB/A)	45
K20 (LB/A)	92
MGO (LB/a)	33

COUNTY:	Delaware	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.2		
P (ppm)	52		
K (ppm)	477	K (% Sat)	9.4
Mg (ppm)	230	Mg (% Sat)	14.7
Ca (ppm)	1,539	Ca (% Sat)	59.0
CEC	13.0		

SOIL TEST RECOMMENDATIONS

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

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COUNTY:	Eik	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	8.7		
P (ppm)	61		
K (ppm)	79	K (% Sat)	1.5
Mg (ppm)	76	Mg (% Sat)	4.6
Ca (ppm)	836	Ca (% Sat)	30.5
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	120
MGO (LB/a)	100

COUNTY:	Erie	# of Samples	30
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.7		
P (ppm)	85		
K (ppm)	193	K (% Sat)	3.7
Mg (ppm)	169	Mg (% Sat)	5.8
Ca (ppm)	1,396	Ca (% Sat)	50.0
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1067
N (lb/A)	
P2O5 (LB/A)	43
K2O (LB/A)	94
MGO (LB/a)	3

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COUNTY:	Fayette	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	5.0		
P (ppm)	73		
K (ppm)	134	K (% Sat)	2.6
Mg (ppm)	148	Mg (% Sat)	3.7
Ca (ppm)	1,901	Ca (% Sat)	62.2
CEC	16.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	55
K20 (LB/A)	99
MGO (LB/a)	10

COUNTY:	Forest	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	5.4		
P (ppm)	96		
K (ppm)	239	K (% Sat)	4.0
Mg (ppm)	151	Mg (% Sat)	6.8
Ca (ppm)	1,136	Ca (% Sat)	36.3
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	115
MGO (LB/a)	80

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COUNTY:	Franklin	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.3		
P (ppm)	85		
K (ppm)	172	K (% Sat)	3.8
Mg (ppm)	141	Mg (% Sat)	4.4
Ca (ppm)	1,300	Ca (% Sat)	52.1
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	667
N (lb/A)	
P2O5 (LB/A)	63
K20 (LB/A)	112
MGO (LB/a)	58

COUNTY:	Greene	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.7		
P (ppm)	48		
K (ppm)	243	K (% Sat)	4.0
Mg (ppm)	123	Mg (% Sat)	6.6
Ca (ppm)	1,658	Ca (% Sat)	53.0
CEC	15.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	270

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COUNTY:	Huntingdon	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	163		
K (ppm)	244	K (% Sat)	4.2
Mg (ppm)	212	Mg (% Sat)	14.8
Ca (ppm)	2,145	Ca (% Sat)	69.8
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	90
K2O (LB/A)	100
MGO (LB/a)	70

COUNTY:	Indiana	# of Samples	5
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	5.0		
P (ppm)	75		
K (ppm)	112	K (% Sat)	2.3
Mg (ppm)	144	Mg (% Sat)	12.6
Ca (ppm)	1,115	Ca (% Sat)	43.0
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	93
K2O (LB/A)	116
MGO (LB/a)	55

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COUNTY: **Jefferson** # of Samples **3**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	7.9		
P (ppm)	26		
K (ppm)	78	K (% Sat)	1.5
Mg (ppm)	124	Mg (% Sat)	4.9
Ca (ppm)	970	Ca (% Sat)	35.8
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	63
K2O (LB/A)	120
MGO (LB/a)	37

COUNTY: **Juniata** # of Samples **1**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.0		
P (ppm)	494		
K (ppm)	527	K (% Sat)	6.8
Mg (ppm)	186	Mg (% Sat)	7.8
Ca (ppm)	3,530	Ca (% Sat)	75.4
CEC	19.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	
MGO (LB/a)	160

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COUNTY: **Lackawanna** # of Samples 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.6		
P (ppm)	174		
K (ppm)	126	K (% Sat)	3.2
Mg (ppm)	121	Mg (% Sat)	2.8
Ca (ppm)	1,020	Ca (% Sat)	50.2
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	467
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	93
MGO (LB/a)	43

COUNTY: **Lancaster** # of Samples 17

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.2		
P (ppm)	142		
K (ppm)	197	K (% Sat)	3.1
Mg (ppm)	235	Mg (% Sat)	4.7
Ca (ppm)	1,983	Ca (% Sat)	56.8
CEC	15.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	55
K20 (LB/A)	100
MGO (LB/a)	45

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COUNTY:	Lawrence	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	174		
K (ppm)	225	K (% Sat)	3.5
Mg (ppm)	258	Mg (% Sat)	9.8
Ca (ppm)	2,904	Ca (% Sat)	67.8
CEC	20.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K2O (LB/A)	93
MGO (LB/a)	7

COUNTY:	Lebanon	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.0		
P (ppm)	218		
K (ppm)	259	K (% Sat)	3.5
Mg (ppm)	282	Mg (% Sat)	10.5
Ca (ppm)	4,043	Ca (% Sat)	79.1
CEC	19.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	
MGO (LB/a)	30

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COUNTY:	Lehigh	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	159		
K (ppm)	144	K (% Sat)	3.1
Mg (ppm)	169	Mg (% Sat)	6.6
Ca (ppm)	1,660	Ca (% Sat)	54.1
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	79
MGO (LB/a)	60

COUNTY:	Luzerne	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	6.1		
P (ppm)	130		
K (ppm)	117	K (% Sat)	2.1
Mg (ppm)	130	Mg (% Sat)	6.4
Ca (ppm)	1,518	Ca (% Sat)	49.1
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	103
MGO (LB/a)	50

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

COUNTY: **Lycoming** # of Samples **5**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.6		
P (ppm)	269		
K (ppm)	177	K (% Sat)	3.0
Mg (ppm)	175	Mg (% Sat)	2.7
Ca (ppm)	2,790	Ca (% Sat)	58.9
CEC	15.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	140
MGO (LB/a)	178

COUNTY: **McKean** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.0		
P (ppm)	54		
K (ppm)	161	K (% Sat)	2.9
Mg (ppm)	163	Mg (% Sat)	9.3
Ca (ppm)	1,510	Ca (% Sat)	53.8
CEC	14.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	63
K20 (LB/A)	93
MGO (LB/a)	54

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

COUNTY:	Mercer	# of Samples	8
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.4		
P (ppm)	95		
K (ppm)	139	K (% Sat)	2.8
Mg (ppm)	137	Mg (% Sat)	4.3
Ca (ppm)	1,983	Ca (% Sat)	63.9
CEC	14.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K2O (LB/A)	112
MGO (LB/a)	77

COUNTY:	Mifflin	# 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)	137		
K (ppm)	320	K (% Sat)	5.9
Mg (ppm)	158	Mg (% Sat)	9.5
Ca (ppm)	2,341	Ca (% Sat)	84.6
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	
MGO (LB/a)	200

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

COUNTY:	Monroe	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	99		
K (ppm)	81	K (% Sat)	2.0
Mg (ppm)	139	Mg (% Sat)	2.8
Ca (ppm)	1,143	Ca (% Sat)	52.7
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	57
K2O (LB/A)	112
MGO (LB/a)	37

COUNTY:	MONTGOMERY	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.6		
P (ppm)	99		
K (ppm)	157	K (% Sat)	2.8
Mg (ppm)	241	Mg (% Sat)	6.9
Ca (ppm)	1,895	Ca (% Sat)	59.2
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	250
N (lb/A)	
P2O5 (LB/A)	80
K2O (LB/A)	126
MGO (LB/a)	37

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

COUNTY:	Montour	# of Samples	7
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	192		
K (ppm)	163	K (% Sat)	3.1
Mg (ppm)	124	Mg (% Sat)	3.9
Ca (ppm)	2,464	Ca (% Sat)	71.7
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	73
MGO (LB/a)	93

COUNTY:	Northampton	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	114		
K (ppm)	233	K (% Sat)	4.5
Mg (ppm)	206	Mg (% Sat)	3.7
Ca (ppm)	1,422	Ca (% Sat)	53.1
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	955
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	93
MGO (LB/a)	34

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

COUNTY: **Northumberland** # of Samples **5**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.5		
P (ppm)	175		
K (ppm)	190	K (% Sat)	4.4
Mg (ppm)	150	Mg (% Sat)	8.6
Ca (ppm)	1,457	Ca (% Sat)	60.4
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	400
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	90
MGO (LB/a)	120

COUNTY: **Perry** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.1		
P (ppm)	153		
K (ppm)	184	K (% Sat)	4.0
Mg (ppm)	159	Mg (% Sat)	8.7
Ca (ppm)	1,331	Ca (% Sat)	59.4
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	92
MGO (LB/a)	37

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

COUNTY: **Philadelphia** # of Samples **5**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.1		
P (ppm)	316		
K (ppm)	159	K (% Sat)	2.2
Mg (ppm)	363	Mg (% Sat)	7.6
Ca (ppm)	3,435	Ca (% Sat)	74.3
CEC	19.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	117
MGO (LB/a)	0

COUNTY: **Pike** # of Samples **1**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.0		
P (ppm)	150		
K (ppm)	246	K (% Sat)	6.1
Mg (ppm)	160	Mg (% Sat)	12.8
Ca (ppm)	1,691	Ca (% Sat)	81.1
CEC	10.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	
MGO (LB/a)	0

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

COUNTY:	Potter	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.5		
P (ppm)	126		
K (ppm)	334	K (% Sat)	4.9
Mg (ppm)	203	Mg (% Sat)	3.7
Ca (ppm)	1,635	Ca (% Sat)	47.6
CEC	15.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	140
MGO (LB/a)	115

COUNTY:	Schuylkill	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	242		
K (ppm)	1,222	K (% Sat)	11.2
Mg (ppm)	420	Mg (% Sat)	7.2
Ca (ppm)	2,620	Ca (% Sat)	52.9
CEC	22.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	90
K2O (LB/A)	110
MGO (LB/a)	0

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

COUNTY:	Snyder	# of Samples	5
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	6.5		
P (ppm)	115		
K (ppm)	177	K (% Sat)	3.5
Mg (ppm)	164	Mg (% Sat)	1.3
Ca (ppm)	1,124	Ca (% Sat)	41.7
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	73
MGO (LB/a)	118

COUNTY:	Somerset	# of Samples	7
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.9		
P (ppm)	187		
K (ppm)	150	K (% Sat)	2.7
Mg (ppm)	197	Mg (% Sat)	5.1
Ca (ppm)	2,008	Ca (% Sat)	53.1
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	714
N (lb/A)	
P2O5 (LB/A)	80
K20 (LB/A)	112
MGO (LB/a)	20

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

COUNTY:	Sullivan	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	52		
K (ppm)	67	K (% Sat)	1.6
Mg (ppm)	78	Mg (% Sat)	5.9
Ca (ppm)	1,216	Ca (% Sat)	56.2
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	130
MGO (LB/a)	90

COUNTY:	Susquehanna	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.1		
P (ppm)	81		
K (ppm)	109	K (% Sat)	1.8
Mg (ppm)	158	Mg (% Sat)	6.3
Ca (ppm)	1,593	Ca (% Sat)	51.6
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	113
MGO (LB/a)	59

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

COUNTY:	Tioga	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	7.7		
P (ppm)	61		
K (ppm)	124	K (% Sat)	2.3
Mg (ppm)	175	Mg (% Sat)	8.8
Ca (ppm)	1,524	Ca (% Sat)	39.7
CEC	15.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	95
MGO (LB/a)	0

COUNTY:	Union	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.2		
P (ppm)	61		
K (ppm)	124	K (% Sat)	3.1
Mg (ppm)	121	Mg (% Sat)	5.2
Ca (ppm)	748	Ca (% Sat)	35.6
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K2O (LB/A)	80
MGO (LB/a)	65

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

COUNTY:	Venango	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	12.3		
P (ppm)	40		
K (ppm)	102	K (% Sat)	1.9
Mg (ppm)	26	Mg (% Sat)	1.6
Ca (ppm)	204	Ca (% Sat)	7.4
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K2O (LB/A)	110
MGO (LB/a)	200

COUNTY:	Warren	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	58		
K (ppm)	38	K (% Sat)	1.2
Mg (ppm)	112	Mg (% Sat)	11.9
Ca (ppm)	678	Ca (% Sat)	43.4
CEC	7.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	160
MGO (LB/a)	20

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

COUNTY:	Washington	# of Samples	31
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	8.3		
P (ppm)	78		
K (ppm)	163	K (% Sat)	2.5
Mg (ppm)	185	Mg (% Sat)	9.2
Ca (ppm)	1,767	Ca (% Sat)	46.3
CEC	16.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	581
N (lb/A)	
P2O5 (LB/A)	71
K20 (LB/A)	95
MGO (LB/a)	57

COUNTY:	Wayne	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.7		
Acidity (meq/100 g)	11.7		
P (ppm)	91		
K (ppm)	87	K (% Sat)	1.6
Mg (ppm)	64	Mg (% Sat)	9.4
Ca (ppm)	510	Ca (% Sat)	19.5
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	333
N (lb/A)	
P2O5 (LB/A)	80
K20 (LB/A)	142
MGO (LB/a)	158

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

COUNTY:	Westmoreland	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.1		
P (ppm)	139		
K (ppm)	222	K (% Sat)	3.7
Mg (ppm)	206	Mg (% Sat)	9.5
Ca (ppm)	2,096	Ca (% Sat)	58.8
CEC	15.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1219
N (lb/A)	
P2O5 (LB/A)	68
K20 (LB/A)	92
MGO (LB/a)	53

COUNTY:	York	# of Samples	20
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.0		
P (ppm)	125		
K (ppm)	154	K (% Sat)	2.6
Mg (ppm)	194	Mg (% Sat)	2.8
Ca (ppm)	2,322	Ca (% Sat)	68.4
CEC	15.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	114
MGO (LB/a)	31