

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Small Fruits

of Samples 659

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.5		
P (ppm)	129		
K (ppm)	190	K (% Sat)	3.5
Mg (ppm)	195	Mg (% Sat)	12.0
Ca (ppm)	1,525	Ca (% Sat)	50.1
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	861
N (lb/A)	
P2O5 (LB/A)	66
K2O (LB/A)	99
MGO (LB/a)	47

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COUNTY: **ADAMS** # of Samples 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.6		
P (ppm)	70		
K (ppm)	197	K (% Sat)	3.6
Mg (ppm)	226	Mg (% Sat)	8.9
Ca (ppm)	1,534	Ca (% Sat)	55.6
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	360
N (lb/A)	
P2O5 (LB/A)	65
K20 (LB/A)	87
MGO (LB/a)	0

COUNTY: **Allegheny** # of Samples 13

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.5		
P (ppm)	204		
K (ppm)	195	K (% Sat)	2.9
Mg (ppm)	195	Mg (% Sat)	7.5
Ca (ppm)	2,499	Ca (% Sat)	58.6
CEC	17.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	80
K20 (LB/A)	80
MGO (LB/a)	27

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COUNTY: **Armstrong** # of Samples **2**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.7		
P (ppm)	72		
K (ppm)	140	K (% Sat)	3.3
Mg (ppm)	153	Mg (% Sat)	9.4
Ca (ppm)	1,586	Ca (% Sat)	62.4
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	110
MGO (LB/a)	10

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

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.0		
P (ppm)	167		
K (ppm)	242	K (% Sat)	4.8
Mg (ppm)	144	Mg (% Sat)	5.0
Ca (ppm)	1,444	Ca (% Sat)	54.5
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	98
MGO (LB/a)	98

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 Small Fruits

COUNTY: **Bedford** # of Samples **9**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	202		
K (ppm)	292	K (% Sat)	4.8
Mg (ppm)	277	Mg (% Sat)	4.2
Ca (ppm)	2,078	Ca (% Sat)	65.3
CEC	15.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	90
MGO (LB/a)	50

COUNTY: **Berks** # of Samples **33**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	139		
K (ppm)	188	K (% Sat)	3.4
Mg (ppm)	207	Mg (% Sat)	7.6
Ca (ppm)	2,030	Ca (% Sat)	60.9
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1182
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	105
MGO (LB/a)	19

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COUNTY: **Blair** # of Samples 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	34		
K (ppm)	123	K (% Sat)	2.5
Mg (ppm)	244	Mg (% Sat)	5.5
Ca (ppm)	1,539	Ca (% Sat)	52.7
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	400
N (lb/A)	
P2O5 (LB/A)	73
K20 (LB/A)	109
MGO (LB/a)	40

COUNTY: **Bradford** # of Samples 11

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.8		
P (ppm)	105		
K (ppm)	134	K (% Sat)	2.5
Mg (ppm)	146	Mg (% Sat)	4.4
Ca (ppm)	1,219	Ca (% Sat)	45.8
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1564
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	103
MGO (LB/a)	28

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Small Fruits

COUNTY:	Bucks	# of Samples	30
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	121		
K (ppm)	134	K (% Sat)	2.9
Mg (ppm)	230	Mg (% Sat)	4.8
Ca (ppm)	1,480	Ca (% Sat)	52.1
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	717
N (lb/A)	
P2O5 (LB/A)	57
K20 (LB/A)	112
MGO (LB/a)	27

COUNTY:	Butler	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.5		
P (ppm)	106		
K (ppm)	132	K (% Sat)	2.9
Mg (ppm)	100	Mg (% Sat)	4.8
Ca (ppm)	1,115	Ca (% Sat)	46.1
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	536
N (lb/A)	
P2O5 (LB/A)	62
K20 (LB/A)	104
MGO (LB/a)	101

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 Small Fruits

COUNTY: Cambria **# of Samples** 13

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	5.1		
P (ppm)	151		
K (ppm)	158	K (% Sat)	3.4
Mg (ppm)	168	Mg (% Sat)	3.8
Ca (ppm)	1,091	Ca (% Sat)	46.6
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	808
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	85
MGO (LB/a)	28

COUNTY: Cameron **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	6.0		
P (ppm)	74		
K (ppm)	124	K (% Sat)	2.6
Mg (ppm)	123	Mg (% Sat)	2.9
Ca (ppm)	1,042	Ca (% Sat)	41.4
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	93
MGO (LB/a)	80

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COUNTY: **Carbon** # of Samples **6**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	6.6		
P (ppm)	101		
K (ppm)	108	K (% Sat)	2.7
Mg (ppm)	105	Mg (% Sat)	6.8
Ca (ppm)	543	Ca (% Sat)	26.1
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	93
MGO (LB/a)	0

COUNTY: **Centre** # of Samples **24**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.3		
P (ppm)	93		
K (ppm)	186	K (% Sat)	3.2
Mg (ppm)	258	Mg (% Sat)	5.5
Ca (ppm)	2,314	Ca (% Sat)	57.6
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	708
N (lb/A)	
P2O5 (LB/A)	75
K20 (LB/A)	104
MGO (LB/a)	49

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Small Fruits

COUNTY: Chester **# of Samples** 21

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.6		
P (ppm)	169		
K (ppm)	346	K (% Sat)	4.7
Mg (ppm)	278	Mg (% Sat)	9.9
Ca (ppm)	1,525	Ca (% Sat)	44.8
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	62
K2O (LB/A)	98
MGO (LB/a)	43

COUNTY: Clarion **# of Samples** 5

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	211		
K (ppm)	238	K (% Sat)	3.9
Mg (ppm)	192	Mg (% Sat)	6.7
Ca (ppm)	2,576	Ca (% Sat)	59.6
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	600
N (lb/A)	
P2O5 (LB/A)	90
K2O (LB/A)	110
MGO (LB/a)	20

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COUNTY: **Clearfield** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.9		
P (ppm)	123		
K (ppm)	463	K (% Sat)	5.1
Mg (ppm)	287	Mg (% Sat)	3.4
Ca (ppm)	2,098	Ca (% Sat)	54.6
CEC	16.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	100
MGO (LB/a)	32

COUNTY: **Clinton** # of Samples **3**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	196		
K (ppm)	484	K (% Sat)	7.9
Mg (ppm)	278	Mg (% Sat)	14.9
Ca (ppm)	1,929	Ca (% Sat)	58.9
CEC	15.8		

SOIL TEST RECOMMENDATIONS

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

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Small Fruits

COUNTY: **Columbia** # of Samples **3**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.6		
P (ppm)	301		
K (ppm)	238	K (% Sat)	4.0
Mg (ppm)	283	Mg (% Sat)	23.9
Ca (ppm)	2,011	Ca (% Sat)	55.2
CEC	15.4		

SOIL TEST RECOMMENDATIONS

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

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

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.4		
P (ppm)	72		
K (ppm)	176	K (% Sat)	3.6
Mg (ppm)	149	Mg (% Sat)	5.5
Ca (ppm)	1,103	Ca (% Sat)	44.7
CEC	11.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	123
MGO (LB/a)	67

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COUNTY: Cumberland **# of Samples** 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.6		
P (ppm)	81		
K (ppm)	211	K (% Sat)	3.7
Mg (ppm)	154	Mg (% Sat)	7.4
Ca (ppm)	1,667	Ca (% Sat)	48.8
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	71
K2O (LB/A)	110
MGO (LB/a)	87

COUNTY: Dauphin **# of Samples** 20

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	101		
K (ppm)	185	K (% Sat)	4.0
Mg (ppm)	164	Mg (% Sat)	9.4
Ca (ppm)	1,228	Ca (% Sat)	53.0
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1150
N (lb/A)	
P2O5 (LB/A)	40
K2O (LB/A)	87
MGO (LB/a)	6

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COUNTY: **Delaware** # of Samples **5**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.3		
P (ppm)	135		
K (ppm)	226	K (% Sat)	4.1
Mg (ppm)	224	Mg (% Sat)	10.8
Ca (ppm)	1,571	Ca (% Sat)	49.3
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1600
N (lb/A)	
P2O5 (LB/A)	30
K2O (LB/A)	50
MGO (LB/a)	0

COUNTY: **Eik** # of Samples **6**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.8		
P (ppm)	52		
K (ppm)	124	K (% Sat)	1.9
Mg (ppm)	241	Mg (% Sat)	12.9
Ca (ppm)	1,883	Ca (% Sat)	52.2
CEC	16.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	78
K2O (LB/A)	108
MGO (LB/a)	35

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 Small Fruits

COUNTY: Erie **# of Samples** 66

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	5.6		
P (ppm)	93		
K (ppm)	174	K (% Sat)	3.5
Mg (ppm)	179	Mg (% Sat)	6.5
Ca (ppm)	1,023	Ca (% Sat)	39.6
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1659
N (lb/A)	
P2O5 (LB/A)	57
K20 (LB/A)	92
MGO (LB/a)	3

COUNTY: Fayette **# of Samples** 5

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.2		
P (ppm)	148		
K (ppm)	138	K (% Sat)	2.2
Mg (ppm)	183	Mg (% Sat)	6.5
Ca (ppm)	2,181	Ca (% Sat)	57.4
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	110
MGO (LB/a)	53

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Small Fruits

COUNTY:	Forest	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.0		
P (ppm)	38		
K (ppm)	132	K (% Sat)	2.5
Mg (ppm)	169	Mg (% Sat)	4.5
Ca (ppm)	1,704	Ca (% Sat)	59.1
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	37
K2O (LB/A)	100
MGO (LB/a)	43

COUNTY:	Franklin	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.9		
P (ppm)	178		
K (ppm)	245	K (% Sat)	4.0
Mg (ppm)	181	Mg (% Sat)	3.4
Ca (ppm)	1,941	Ca (% Sat)	61.6
CEC	16.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	80
MGO (LB/a)	103

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COUNTY: Fulton **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.1		
P (ppm)	51		
K (ppm)	95	K (% Sat)	1.6
Mg (ppm)	153	Mg (% Sat)	6.3
Ca (ppm)	3,142	Ca (% Sat)	83.3
CEC	16.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	110
MGO (LB/a)	10

COUNTY: Greene **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.5		
P (ppm)	72		
K (ppm)	98	K (% Sat)	2.3
Mg (ppm)	120	Mg (% Sat)	5.1
Ca (ppm)	1,344	Ca (% Sat)	58.3
CEC	11.4		

SOIL TEST RECOMMENDATIONS

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

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COUNTY:	Huntingdon	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.9		
P (ppm)	87		
K (ppm)	230	K (% Sat)	3.7
Mg (ppm)	394	Mg (% Sat)	12.2
Ca (ppm)	1,853	Ca (% Sat)	58.3
CEC	16.0		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Indiana	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	139		
K (ppm)	248	K (% Sat)	3.6
Mg (ppm)	318	Mg (% Sat)	10.2
Ca (ppm)	1,902	Ca (% Sat)	56.0
CEC	15.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	300
N (lb/A)	
P2O5 (LB/A)	75
K20 (LB/A)	105
MGO (LB/a)	32

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COUNTY: **Jefferson** # of Samples **5**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.2		
Acidity (meq/100 g)	8.3		
P (ppm)	60		
K (ppm)	132	K (% Sat)	2.5
Mg (ppm)	96	Mg (% Sat)	6.9
Ca (ppm)	853	Ca (% Sat)	31.4
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	86
MGO (LB/a)	36

COUNTY: **Juniata** # of Samples **6**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	245		
K (ppm)	210	K (% Sat)	4.4
Mg (ppm)	165	Mg (% Sat)	8.1
Ca (ppm)	1,577	Ca (% Sat)	62.4
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	80
K20 (LB/A)	98
MGO (LB/a)	88

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COUNTY: **Lackawanna** # of Samples 14

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.3		
P (ppm)	263		
K (ppm)	181	K (% Sat)	3.6
Mg (ppm)	167	Mg (% Sat)	6.8
Ca (ppm)	1,402	Ca (% Sat)	53.1
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1179
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	68
MGO (LB/a)	82

COUNTY: **Lancaster** # of Samples 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.9		
P (ppm)	141		
K (ppm)	200	K (% Sat)	3.7
Mg (ppm)	213	Mg (% Sat)	3.6
Ca (ppm)	1,684	Ca (% Sat)	57.5
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	120
MGO (LB/a)	81

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COUNTY: **Lawrence** # of Samples **5**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.4		
P (ppm)	271		
K (ppm)	151	K (% Sat)	2.6
Mg (ppm)	242	Mg (% Sat)	15.4
Ca (ppm)	1,670	Ca (% Sat)	49.8
CEC	15.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	600
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	104
MGO (LB/a)	115

COUNTY: **Lebanon** # of Samples **9**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.0		
P (ppm)	138		
K (ppm)	193	K (% Sat)	3.7
Mg (ppm)	229	Mg (% Sat)	9.5
Ca (ppm)	1,970	Ca (% Sat)	71.0
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	85
K20 (LB/A)	80
MGO (LB/a)	33

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

COUNTY:	Lehigh	# of Samples	33
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.7		
P (ppm)	91		
K (ppm)	212	K (% Sat)	4.5
Mg (ppm)	223	Mg (% Sat)	12.3
Ca (ppm)	1,158	Ca (% Sat)	42.9
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3561
N (lb/A)	
P2O5 (LB/A)	55
K20 (LB/A)	71
MGO (LB/a)	15

COUNTY:	Luzerne	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	8.1		
P (ppm)	84		
K (ppm)	106	K (% Sat)	2.0
Mg (ppm)	113	Mg (% Sat)	4.2
Ca (ppm)	895	Ca (% Sat)	30.7
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	72
K20 (LB/A)	118
MGO (LB/a)	89

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

COUNTY: **Lycoming** # of Samples **9**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	7.7		
P (ppm)	184		
K (ppm)	125	K (% Sat)	2.7
Mg (ppm)	125	Mg (% Sat)	5.7
Ca (ppm)	645	Ca (% Sat)	26.8
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	333
N (lb/A)	
P2O5 (LB/A)	65
K20 (LB/A)	101
MGO (LB/a)	58

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

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	9.3		
P (ppm)	15		
K (ppm)	113	K (% Sat)	2.2
Mg (ppm)	71	Mg (% Sat)	4.5
Ca (ppm)	608	Ca (% Sat)	23.0
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	110
MGO (LB/a)	110

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

COUNTY: Mercer **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.1		
P (ppm)	129		
K (ppm)	296	K (% Sat)	4.1
Mg (ppm)	155	Mg (% Sat)	3.1
Ca (ppm)	2,716	Ca (% Sat)	56.1
CEC	16.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	120
MGO (LB/a)	137

COUNTY: Monroe **# of Samples** 16

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.7		
P (ppm)	103		
K (ppm)	118	K (% Sat)	3.0
Mg (ppm)	169	Mg (% Sat)	2.3
Ca (ppm)	1,425	Ca (% Sat)	54.5
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1656
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	108
MGO (LB/a)	41

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

COUNTY: **Montgomery** # of Samples 17

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	163		
K (ppm)	170	K (% Sat)	2.9
Mg (ppm)	283	Mg (% Sat)	12.2
Ca (ppm)	1,733	Ca (% Sat)	53.6
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	647
N (lb/A)	
P2O5 (LB/A)	87
K20 (LB/A)	119
MGO (LB/a)	38

COUNTY: **Montour** # of Samples 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	4.1		
P (ppm)	140		
K (ppm)	188	K (% Sat)	3.0
Mg (ppm)	212	Mg (% Sat)	9.4
Ca (ppm)	2,370	Ca (% Sat)	58.3
CEC	16.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	
MGO (LB/a)	10

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

COUNTY: Northampton **# of Samples** 7

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.4		
P (ppm)	91		
K (ppm)	142	K (% Sat)	2.5
Mg (ppm)	218	Mg (% Sat)	9.0
Ca (ppm)	1,794	Ca (% Sat)	54.6
CEC	15.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	429
N (lb/A)	
P2O5 (LB/A)	65
K20 (LB/A)	110
MGO (LB/a)	47

COUNTY: Northumberland **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.8		
P (ppm)	119		
K (ppm)	149	K (% Sat)	3.2
Mg (ppm)	138	Mg (% Sat)	5.5
Ca (ppm)	1,654	Ca (% Sat)	58.0
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	91
MGO (LB/a)	40

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

COUNTY:	Perry	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.0		
P (ppm)	32		
K (ppm)	96	K (% Sat)	1.7
Mg (ppm)	170	Mg (% Sat)	6.9
Ca (ppm)	1,567	Ca (% Sat)	52.3
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	77
K2O (LB/A)	137
MGO (LB/a)	33

COUNTY:	Philadelphia	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	134		
K (ppm)	112	K (% Sat)	2.9
Mg (ppm)	176	Mg (% Sat)	11.3
Ca (ppm)	1,274	Ca (% Sat)	51.5
CEC	11.8		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY: Pike **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	4.6		
P (ppm)	138		
K (ppm)	93	K (% Sat)	1.9
Mg (ppm)	185	Mg (% Sat)	4.1
Ca (ppm)	1,314	Ca (% Sat)	42.6
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	115
MGO (LB/a)	160

COUNTY: Potter **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	5.2		
P (ppm)	48		
K (ppm)	173	K (% Sat)	4.0
Mg (ppm)	139	Mg (% Sat)	4.2
Ca (ppm)	868	Ca (% Sat)	39.3
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	75
MGO (LB/a)	115

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

COUNTY: **Schuylkill** # of Samples 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	218		
K (ppm)	166	K (% Sat)	3.7
Mg (ppm)	165	Mg (% Sat)	4.4
Ca (ppm)	1,327	Ca (% Sat)	58.6
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	90
K2O (LB/A)	78
MGO (LB/a)	68

COUNTY: **Snyder** # of Samples 9

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.2		
P (ppm)	333		
K (ppm)	349	K (% Sat)	6.0
Mg (ppm)	154	Mg (% Sat)	6.5
Ca (ppm)	2,325	Ca (% Sat)	52.7
CEC	16.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	778
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	110
MGO (LB/a)	172

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

COUNTY: Somerset **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.5		
P (ppm)	106		
K (ppm)	209	K (% Sat)	3.6
Mg (ppm)	138	Mg (% Sat)	5.9
Ca (ppm)	2,005	Ca (% Sat)	57.6
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	60
K2O (LB/A)	78
MGO (LB/a)	131

COUNTY: Susquehanna **# of Samples** 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	9.7		
P (ppm)	125		
K (ppm)	163	K (% Sat)	2.7
Mg (ppm)	152	Mg (% Sat)	3.9
Ca (ppm)	1,048	Ca (% Sat)	33.1
CEC	16.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	250
N (lb/A)	
P2O5 (LB/A)	45
K2O (LB/A)	106
MGO (LB/a)	52

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

COUNTY: **Tioga** # of Samples **6**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	7.0		
P (ppm)	119		
K (ppm)	186	K (% Sat)	3.2
Mg (ppm)	137	Mg (% Sat)	5.0
Ca (ppm)	1,184	Ca (% Sat)	40.2
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	93
MGO (LB/a)	82

COUNTY: **Union** # of Samples **4**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	191		
K (ppm)	218	K (% Sat)	5.3
Mg (ppm)	107	Mg (% Sat)	5.4
Ca (ppm)	1,317	Ca (% Sat)	59.3
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1250
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	75
MGO (LB/a)	93

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

COUNTY: Venango **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	6.6		
P (ppm)	21		
K (ppm)	102	K (% Sat)	3.0
Mg (ppm)	40	Mg (% Sat)	4.9
Ca (ppm)	355	Ca (% Sat)	20.3
CEC	9.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	110
MGO (LB/a)	105

COUNTY: Warren **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	6.1		
P (ppm)	148		
K (ppm)	186	K (% Sat)	3.9
Mg (ppm)	138	Mg (% Sat)	11.6
Ca (ppm)	1,025	Ca (% Sat)	39.7
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2667
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	50
MGO (LB/a)	123

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

COUNTY: Washington **# of Samples** 9

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	6.1		
P (ppm)	50		
K (ppm)	159	K (% Sat)	3.0
Mg (ppm)	141	Mg (% Sat)	4.0
Ca (ppm)	1,350	Ca (% Sat)	43.8
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	58
K20 (LB/A)	73
MGO (LB/a)	57

COUNTY: Wayne **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	6.7		
P (ppm)	127		
K (ppm)	183	K (% Sat)	3.0
Mg (ppm)	150	Mg (% Sat)	6.0
Ca (ppm)	1,402	Ca (% Sat)	45.3
CEC	15.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	50
MGO (LB/a)	10

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

COUNTY: Westmoreland **# of Samples** 20

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.6		
P (ppm)	157		
K (ppm)	219	K (% Sat)	3.3
Mg (ppm)	188	Mg (% Sat)	13.9
Ca (ppm)	2,226	Ca (% Sat)	56.4
CEC	16.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	86
K2O (LB/A)	92
MGO (LB/a)	44

COUNTY: Wyoming **# of Samples** 7

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.3		
P (ppm)	90		
K (ppm)	84	K (% Sat)	2.6
Mg (ppm)	246	Mg (% Sat)	20.0
Ca (ppm)	914	Ca (% Sat)	57.1
CEC	8.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	132
MGO (LB/a)	0

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

COUNTY:	York	# of Samples	26
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.0		
P (ppm)	138		
K (ppm)	229	K (% Sat)	4.6
Mg (ppm)	229	Mg (% Sat)	4.7
Ca (ppm)	1,287	Ca (% Sat)	45.1
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	154
N (lb/A)	
P2O5 (LB/A)	58
K2O (LB/A)	83
MGO (LB/a)	90