

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Small Fruits

of Samples 725

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.6		
P (ppm)	117		
K (ppm)	193	K (% Sat)	3.6
Mg (ppm)	184	Mg (% Sat)	11.1
Ca (ppm)	1,568	Ca (% Sat)	51.3
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	597
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	94
MGO (LB/a)	50

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COUNTY: **ADAMS** # of Samples 19

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	119		
K (ppm)	201	K (% Sat)	4.6
Mg (ppm)	198	Mg (% Sat)	11.4
Ca (ppm)	1,284	Ca (% Sat)	55.8
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	76
MGO (LB/a)	18

COUNTY: **Allegheny** # of Samples 18

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	3.8		
P (ppm)	105		
K (ppm)	231	K (% Sat)	3.5
Mg (ppm)	228	Mg (% Sat)	3.9
Ca (ppm)	2,621	Ca (% Sat)	64.0
CEC	17.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	68
K20 (LB/A)	71
MGO (LB/a)	28

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 Small Fruits

COUNTY: **Armstrong** # of Samples **3**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	7.3		
P (ppm)	33		
K (ppm)	117	K (% Sat)	2.2
Mg (ppm)	146	Mg (% Sat)	2.3
Ca (ppm)	999	Ca (% Sat)	34.4
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2667
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	98
MGO (LB/a)	63

COUNTY: **Beaver** # of Samples **4**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.7		
P (ppm)	84		
K (ppm)	151	K (% Sat)	2.7
Mg (ppm)	201	Mg (% Sat)	5.2
Ca (ppm)	1,824	Ca (% Sat)	58.6
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	750
N (lb/A)	
P2O5 (LB/A)	95
K20 (LB/A)	130
MGO (LB/a)	10

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 Small Fruits

COUNTY: **Bedford** # of Samples **2**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	3.9		
P (ppm)	19		
K (ppm)	245	K (% Sat)	6.7
Mg (ppm)	80	Mg (% Sat)	7.1
Ca (ppm)	837	Ca (% Sat)	44.6
CEC	9.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1800
N (lb/A)	
P2O5 (LB/A)	75
K20 (LB/A)	
MGO (LB/a)	40

COUNTY: **Berks** # of Samples **19**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	164		
K (ppm)	209	K (% Sat)	3.6
Mg (ppm)	257	Mg (% Sat)	4.4
Ca (ppm)	2,037	Ca (% Sat)	62.1
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	447
N (lb/A)	
P2O5 (LB/A)	87
K20 (LB/A)	77
MGO (LB/a)	26

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COUNTY: **Blair** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	5.5		
P (ppm)	52		
K (ppm)	227	K (% Sat)	3.8
Mg (ppm)	184	Mg (% Sat)	6.0
Ca (ppm)	2,492	Ca (% Sat)	53.3
CEC	16.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	85
MGO (LB/a)	113

COUNTY: **Bradford** # of Samples **14**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	111		
K (ppm)	217	K (% Sat)	4.6
Mg (ppm)	158	Mg (% Sat)	5.7
Ca (ppm)	1,500	Ca (% Sat)	54.2
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1429
N (lb/A)	
P2O5 (LB/A)	67
K20 (LB/A)	101
MGO (LB/a)	64

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COUNTY: Bucks **# of Samples** 39

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.4		
P (ppm)	75		
K (ppm)	152	K (% Sat)	3.1
Mg (ppm)	182	Mg (% Sat)	7.2
Ca (ppm)	1,361	Ca (% Sat)	51.4
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	744
N (lb/A)	
P2O5 (LB/A)	77
K20 (LB/A)	114
MGO (LB/a)	4

COUNTY: Butler **# of Samples** 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	62		
K (ppm)	163	K (% Sat)	3.2
Mg (ppm)	169	Mg (% Sat)	10.5
Ca (ppm)	1,683	Ca (% Sat)	54.0
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	333
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	106
MGO (LB/a)	113

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 Small Fruits

COUNTY: **Cambria** # of Samples **4**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.7		
P (ppm)	112		
K (ppm)	152	K (% Sat)	2.7
Mg (ppm)	259	Mg (% Sat)	7.3
Ca (ppm)	1,754	Ca (% Sat)	55.9
CEC	16.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	750
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	140
MGO (LB/a)	0

COUNTY: **Carbon** # of Samples **2**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	7.5		
P (ppm)	261		
K (ppm)	189	K (% Sat)	4.5
Mg (ppm)	55	Mg (% Sat)	4.1
Ca (ppm)	481	Ca (% Sat)	21.8
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	6750
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	135

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COUNTY: **Centre** # of Samples 41

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	138		
K (ppm)	205	K (% Sat)	3.4
Mg (ppm)	193	Mg (% Sat)	5.0
Ca (ppm)	2,269	Ca (% Sat)	60.3
CEC	15.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	573
N (lb/A)	
P2O5 (LB/A)	66
K20 (LB/A)	86
MGO (LB/a)	49

COUNTY: **Chester** # of Samples 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.4		
P (ppm)	128		
K (ppm)	357	K (% Sat)	5.4
Mg (ppm)	312	Mg (% Sat)	7.2
Ca (ppm)	2,156	Ca (% Sat)	59.1
CEC	15.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	120
MGO (LB/a)	38

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Small Fruits

COUNTY: Clarion **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	25		
K (ppm)	159	K (% Sat)	3.3
Mg (ppm)	174	Mg (% Sat)	13.0
Ca (ppm)	1,400	Ca (% Sat)	55.5
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	55
MGO (LB/a)	0

COUNTY: Clearfield **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.7		
P (ppm)	80		
K (ppm)	132	K (% Sat)	2.6
Mg (ppm)	166	Mg (% Sat)	6.7
Ca (ppm)	1,423	Ca (% Sat)	49.4
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	78
K20 (LB/A)	93
MGO (LB/a)	41

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

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	234		
K (ppm)	302	K (% Sat)	4.7
Mg (ppm)	197	Mg (% Sat)	12.5
Ca (ppm)	2,603	Ca (% Sat)	71.4
CEC	15.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	50
MGO (LB/a)	155

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

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.2		
P (ppm)	202		
K (ppm)	178	K (% Sat)	3.8
Mg (ppm)	145	Mg (% Sat)	4.7
Ca (ppm)	1,179	Ca (% Sat)	44.2
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1292
N (lb/A)	
P2O5 (LB/A)	82
K20 (LB/A)	91
MGO (LB/a)	83

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Small Fruits

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

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	49		
K (ppm)	101	K (% Sat)	2.1
Mg (ppm)	127	Mg (% Sat)	4.3
Ca (ppm)	1,504	Ca (% Sat)	58.6
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	833
N (lb/A)	
P2O5 (LB/A)	83
K20 (LB/A)	98
MGO (LB/a)	47

COUNTY: **Cumberland** # of Samples **11**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.6		
P (ppm)	174		
K (ppm)	253	K (% Sat)	4.1
Mg (ppm)	215	Mg (% Sat)	5.0
Ca (ppm)	2,253	Ca (% Sat)	60.2
CEC	17.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	53
MGO (LB/a)	52

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 Small Fruits

COUNTY: **Dauphin** # of Samples 22

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	121		
K (ppm)	222	K (% Sat)	4.3
Mg (ppm)	206	Mg (% Sat)	7.8
Ca (ppm)	1,678	Ca (% Sat)	55.8
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	227
N (lb/A)	
P2O5 (LB/A)	57
K20 (LB/A)	86
MGO (LB/a)	16

COUNTY: **Delaware** # of Samples 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	160		
K (ppm)	217	K (% Sat)	3.6
Mg (ppm)	292	Mg (% Sat)	10.4
Ca (ppm)	2,383	Ca (% Sat)	67.7
CEC	15.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	750
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	88
MGO (LB/a)	5

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COUNTY:	Eik	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.9		
P (ppm)	18		
K (ppm)	109	K (% Sat)	2.1
Mg (ppm)	58	Mg (% Sat)	4.3
Ca (ppm)	1,279	Ca (% Sat)	49.3
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2333
N (lb/A)	
P2O5 (LB/A)	96
K20 (LB/A)	116
MGO (LB/a)	33

COUNTY:	Erie	# of Samples	47
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.4		
P (ppm)	49		
K (ppm)	157	K (% Sat)	3.5
Mg (ppm)	137	Mg (% Sat)	12.5
Ca (ppm)	999	Ca (% Sat)	41.1
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	170
N (lb/A)	
P2O5 (LB/A)	66
K20 (LB/A)	75
MGO (LB/a)	22

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COUNTY:	Fayette	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.8		
P (ppm)	113		
K (ppm)	179	K (% Sat)	3.0
Mg (ppm)	144	Mg (% Sat)	2.5
Ca (ppm)	1,811	Ca (% Sat)	57.5
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1676
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	88
MGO (LB/a)	44

COUNTY:	Forest	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	73		
K (ppm)	120	K (% Sat)	2.8
Mg (ppm)	187	Mg (% Sat)	7.8
Ca (ppm)	1,126	Ca (% Sat)	54.6
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	110
MGO (LB/a)	27

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COUNTY: Franklin **# of Samples** 13

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	82		
K (ppm)	183	K (% Sat)	4.1
Mg (ppm)	155	Mg (% Sat)	8.0
Ca (ppm)	1,370	Ca (% Sat)	52.7
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	692
N (lb/A)	
P2O5 (LB/A)	66
K20 (LB/A)	93
MGO (LB/a)	112

COUNTY: Fulton **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	80		
K (ppm)	82	K (% Sat)	2.0
Mg (ppm)	110	Mg (% Sat)	9.6
Ca (ppm)	1,023	Ca (% Sat)	54.5
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2400
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	118
MGO (LB/a)	0

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Small Fruits

COUNTY:	Greene	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.7		
P (ppm)	90		
K (ppm)	140	K (% Sat)	3.5
Mg (ppm)	126	Mg (% Sat)	2.5
Ca (ppm)	880	Ca (% Sat)	44.5
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	110
MGO (LB/a)	90

COUNTY:	Huntingdon	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	102		
K (ppm)	169	K (% Sat)	3.3
Mg (ppm)	167	Mg (% Sat)	5.7
Ca (ppm)	1,858	Ca (% Sat)	69.1
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	75
MGO (LB/a)	165

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COUNTY:	Indiana	# of Samples	7
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	4.0		
P (ppm)	99		
K (ppm)	119	K (% Sat)	2.4
Mg (ppm)	149	Mg (% Sat)	7.8
Ca (ppm)	1,662	Ca (% Sat)	54.1
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	643
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	100
MGO (LB/a)	31

COUNTY:	Jefferson	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	8.1		
P (ppm)	19		
K (ppm)	97	K (% Sat)	1.9
Mg (ppm)	127	Mg (% Sat)	2.3
Ca (ppm)	918	Ca (% Sat)	34.4
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1292
N (lb/A)	
P2O5 (LB/A)	96
K20 (LB/A)	106
MGO (LB/a)	58

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COUNTY: Juniata **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.2		
Acidity (meq/100 g)	6.5		
P (ppm)	46		
K (ppm)	115	K (% Sat)	2.2
Mg (ppm)	87	Mg (% Sat)	3.2
Ca (ppm)	1,260	Ca (% Sat)	46.7
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	93
MGO (LB/a)	80

COUNTY: Lackawanna **# of Samples** 21

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.8		
P (ppm)	164		
K (ppm)	145	K (% Sat)	3.0
Mg (ppm)	159	Mg (% Sat)	7.7
Ca (ppm)	1,247	Ca (% Sat)	47.1
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	381
N (lb/A)	
P2O5 (LB/A)	65
K20 (LB/A)	117
MGO (LB/a)	67

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COUNTY: **Lancaster** # of Samples 18

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.3		
P (ppm)	163		
K (ppm)	188	K (% Sat)	3.3
Mg (ppm)	202	Mg (% Sat)	7.6
Ca (ppm)	1,858	Ca (% Sat)	59.4
CEC	15.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	74
K20 (LB/A)	103
MGO (LB/a)	16

COUNTY: **Lawrence** # of Samples 5

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.9		
P (ppm)	143		
K (ppm)	261	K (% Sat)	4.4
Mg (ppm)	234	Mg (% Sat)	4.4
Ca (ppm)	1,681	Ca (% Sat)	45.8
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	110
MGO (LB/a)	143

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COUNTY: Lebanon **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	200		
K (ppm)	381	K (% Sat)	5.7
Mg (ppm)	243	Mg (% Sat)	3.5
Ca (ppm)	2,583	Ca (% Sat)	65.6
CEC	18.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	75
MGO (LB/a)	88

COUNTY: Lehigh **# of Samples** 39

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.7		
P (ppm)	143		
K (ppm)	190	K (% Sat)	4.0
Mg (ppm)	184	Mg (% Sat)	7.3
Ca (ppm)	1,128	Ca (% Sat)	43.6
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1205
N (lb/A)	
P2O5 (LB/A)	40
K20 (LB/A)	83
MGO (LB/a)	32

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

COUNTY: Luzerne **# of Samples** 11

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	8.6		
P (ppm)	156		
K (ppm)	135	K (% Sat)	2.6
Mg (ppm)	90	Mg (% Sat)	3.4
Ca (ppm)	1,045	Ca (% Sat)	37.8
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	455
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	95
MGO (LB/a)	113

COUNTY: Lycoming **# of Samples** 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.3		
P (ppm)	161		
K (ppm)	179	K (% Sat)	3.6
Mg (ppm)	132	Mg (% Sat)	5.3
Ca (ppm)	1,258	Ca (% Sat)	45.6
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	360
N (lb/A)	
P2O5 (LB/A)	37
K20 (LB/A)	113
MGO (LB/a)	114

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

COUNTY: **McKean** # of Samples **2**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	6.0		
P (ppm)	75		
K (ppm)	147	K (% Sat)	2.1
Mg (ppm)	248	Mg (% Sat)	9.7
Ca (ppm)	2,642	Ca (% Sat)	54.0
CEC	19.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	63
MGO (LB/a)	0

COUNTY: **Mercer** # of Samples **3**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.7		
Acidity (meq/100 g)	12.9		
P (ppm)	67		
K (ppm)	117	K (% Sat)	2.1
Mg (ppm)	84	Mg (% Sat)	5.2
Ca (ppm)	709	Ca (% Sat)	22.6
CEC	15.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	125
MGO (LB/a)	73

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

COUNTY: Mifflin **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	8.2		
P (ppm)	93		
K (ppm)	140	K (% Sat)	2.8
Mg (ppm)	134	Mg (% Sat)	4.7
Ca (ppm)	881	Ca (% Sat)	37.0
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	110
MGO (LB/a)	25

COUNTY: Monroe **# of Samples** 5

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	179		
K (ppm)	223	K (% Sat)	4.4
Mg (ppm)	211	Mg (% Sat)	4.4
Ca (ppm)	2,052	Ca (% Sat)	55.0
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1400
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	60
MGO (LB/a)	0

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

COUNTY: **Montgomery** # of Samples **24**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.3		
P (ppm)	130		
K (ppm)	185	K (% Sat)	3.2
Mg (ppm)	278	Mg (% Sat)	8.1
Ca (ppm)	1,928	Ca (% Sat)	58.4
CEC	15.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	167
N (lb/A)	
P2O5 (LB/A)	86
K20 (LB/A)	81
MGO (LB/a)	25

COUNTY: **Montour** # of Samples **1**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	151		
K (ppm)	177	K (% Sat)	3.7
Mg (ppm)	134	Mg (% Sat)	9.1
Ca (ppm)	1,354	Ca (% Sat)	55.3
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
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:	Northampton	# of Samples	20
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.7		
P (ppm)	187		
K (ppm)	528	K (% Sat)	6.7
Mg (ppm)	293	Mg (% Sat)	2.2
Ca (ppm)	2,354	Ca (% Sat)	55.8
CEC	16.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	100
N (lb/A)	
P2O5 (LB/A)	57
K20 (LB/A)	120
MGO (LB/a)	58

COUNTY:	Northumberland	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.7		
P (ppm)	39		
K (ppm)	147	K (% Sat)	3.0
Mg (ppm)	231	Mg (% Sat)	16.4
Ca (ppm)	1,114	Ca (% Sat)	44.3
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	95
K20 (LB/A)	75
MGO (LB/a)	0

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

COUNTY:	Perry	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.0		
P (ppm)	89		
K (ppm)	150	K (% Sat)	3.1
Mg (ppm)	127	Mg (% Sat)	6.9
Ca (ppm)	1,422	Ca (% Sat)	51.7
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	400
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	83
MGO (LB/a)	53

COUNTY:	Philadelphia	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.3		
Acidity (meq/100 g)	0.0		
P (ppm)	239		
K (ppm)	161	K (% Sat)	2.8
Mg (ppm)	280	Mg (% Sat)	15.1
Ca (ppm)	3,033	Ca (% Sat)	81.5
CEC	15.2		

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:	Pike	# of Samples	5
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.5		
Acidity (meq/100 g)	14.0		
P (ppm)	200		
K (ppm)	167	K (% Sat)	2.7
Mg (ppm)	172	Mg (% Sat)	9.0
Ca (ppm)	392	Ca (% Sat)	12.8
CEC	16.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	58
MGO (LB/a)	80

COUNTY:	Potter	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.1		
P (ppm)	26		
K (ppm)	156	K (% Sat)	3.6
Mg (ppm)	144	Mg (% Sat)	3.6
Ca (ppm)	730	Ca (% Sat)	33.6
CEC	11.4		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY: Schuylkill **# of Samples** 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.5		
P (ppm)	213		
K (ppm)	279	K (% Sat)	5.0
Mg (ppm)	238	Mg (% Sat)	5.1
Ca (ppm)	1,375	Ca (% Sat)	46.7
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	700
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	120
MGO (LB/a)	63

COUNTY: Snyder **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.6		
P (ppm)	209		
K (ppm)	281	K (% Sat)	5.1
Mg (ppm)	171	Mg (% Sat)	6.4
Ca (ppm)	1,294	Ca (% Sat)	44.4
CEC	15.2		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY:	Somerset	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	6.7		
P (ppm)	41		
K (ppm)	194	K (% Sat)	3.4
Mg (ppm)	174	Mg (% Sat)	10.3
Ca (ppm)	1,250	Ca (% Sat)	43.2
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1364
N (lb/A)	
P2O5 (LB/A)	74
K20 (LB/A)	93
MGO (LB/a)	99

COUNTY:	Sullivan	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.7		
Acidity (meq/100 g)	11.4		
P (ppm)	193		
K (ppm)	264	K (% Sat)	4.5
Mg (ppm)	110	Mg (% Sat)	9.4
Ca (ppm)	467	Ca (% Sat)	15.3
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	140
MGO (LB/a)	170

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

COUNTY: **Susquehanna** # of Samples 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.7		
P (ppm)	107		
K (ppm)	173	K (% Sat)	3.1
Mg (ppm)	148	Mg (% Sat)	5.4
Ca (ppm)	1,272	Ca (% Sat)	44.4
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1167
N (lb/A)	
P2O5 (LB/A)	43
K20 (LB/A)	83
MGO (LB/a)	48

COUNTY: **Tioga** # of Samples 13

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	6.1		
P (ppm)	34		
K (ppm)	123	K (% Sat)	2.2
Mg (ppm)	187	Mg (% Sat)	6.5
Ca (ppm)	1,122	Ca (% Sat)	41.3
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	154
N (lb/A)	
P2O5 (LB/A)	72
K20 (LB/A)	114
MGO (LB/a)	30

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

COUNTY:	Union	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	98		
K (ppm)	157	K (% Sat)	3.6
Mg (ppm)	188	Mg (% Sat)	6.1
Ca (ppm)	1,661	Ca (% Sat)	58.2
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	900
N (lb/A)	
P2O5 (LB/A)	57
K20 (LB/A)	77
MGO (LB/a)	38

COUNTY:	VENANGO	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.1		
P (ppm)	27		
K (ppm)	104	K (% Sat)	2.0
Mg (ppm)	120	Mg (% Sat)	7.8
Ca (ppm)	2,164	Ca (% Sat)	83.6
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	102
MGO (LB/a)	33

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

COUNTY: Warren **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.5		
P (ppm)	167		
K (ppm)	305	K (% Sat)	5.5
Mg (ppm)	144	Mg (% Sat)	8.9
Ca (ppm)	1,312	Ca (% Sat)	46.6
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1667
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	
MGO (LB/a)	153

COUNTY: Washington **# of Samples** 13

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.5		
P (ppm)	137		
K (ppm)	184	K (% Sat)	3.7
Mg (ppm)	201	Mg (% Sat)	7.3
Ca (ppm)	1,350	Ca (% Sat)	47.8
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1231
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	78
MGO (LB/a)	53

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

COUNTY: **Wayne** # of Samples **5**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	8.1		
P (ppm)	132		
K (ppm)	150	K (% Sat)	2.7
Mg (ppm)	103	Mg (% Sat)	9.5
Ca (ppm)	1,153	Ca (% Sat)	41.4
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	70
MGO (LB/a)	126

COUNTY: **Westmoreland** # of Samples **17**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.2		
P (ppm)	193		
K (ppm)	265	K (% Sat)	4.5
Mg (ppm)	239	Mg (% Sat)	5.2
Ca (ppm)	1,942	Ca (% Sat)	56.1
CEC	15.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	471
N (lb/A)	
P2O5 (LB/A)	76
K20 (LB/A)	88
MGO (LB/a)	103

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

COUNTY: **Wyoming** # of Samples 14

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	5.7		
P (ppm)	129		
K (ppm)	115	K (% Sat)	2.9
Mg (ppm)	112	Mg (% Sat)	2.7
Ca (ppm)	820	Ca (% Sat)	40.3
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	571
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	112
MGO (LB/a)	71

COUNTY: **York** # of Samples 18

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.5		
P (ppm)	82		
K (ppm)	165	K (% Sat)	3.7
Mg (ppm)	188	Mg (% Sat)	6.1
Ca (ppm)	1,465	Ca (% Sat)	49.8
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	389
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	92
MGO (LB/a)	17