

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Small Fruits

of Samples 584

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.0		
P (ppm)	125		
K (ppm)	209	K (% Sat)	3.6
Mg (ppm)	199	Mg (% Sat)	10.8
Ca (ppm)	1,637	Ca (% Sat)	51.2
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	491
N (lb/A)	
P2O5 (LB/A)	68
K2O (LB/A)	107
MGO (LB/a)	72

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

COUNTY: **Adams** # of Samples **8**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.4		
P (ppm)	79		
K (ppm)	159	K (% Sat)	2.5
Mg (ppm)	279	Mg (% Sat)	5.0
Ca (ppm)	1,840	Ca (% Sat)	52.3
CEC	17.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	250
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	112
MGO (LB/a)	44

COUNTY: **Allegheny** # of Samples **21**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.3		
P (ppm)	95		
K (ppm)	182	K (% Sat)	2.9
Mg (ppm)	215	Mg (% Sat)	4.9
Ca (ppm)	2,366	Ca (% Sat)	64.5
CEC	16.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	238
N (lb/A)	
P2O5 (LB/A)	58
K20 (LB/A)	86
MGO (LB/a)	53

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

COUNTY:	Armstrong	# of Samples	3
----------------	------------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.3		
P (ppm)	49		
K (ppm)	122	K (% Sat)	2.7
Mg (ppm)	106	Mg (% Sat)	9.7
Ca (ppm)	2,253	Ca (% Sat)	63.4
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	118
MGO (LB/a)	37

COUNTY:	Beaver	# of Samples	2
----------------	---------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	8.6		
P (ppm)	47		
K (ppm)	190	K (% Sat)	2.8
Mg (ppm)	149	Mg (% Sat)	2.5
Ca (ppm)	1,917	Ca (% Sat)	44.1
CEC	17.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	160
MGO (LB/a)	85

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

COUNTY: **Bedford** # of Samples **4**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.6		
P (ppm)	146		
K (ppm)	254	K (% Sat)	4.2
Mg (ppm)	170	Mg (% Sat)	5.8
Ca (ppm)	1,984	Ca (% Sat)	60.1
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	45

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

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	128		
K (ppm)	180	K (% Sat)	3.5
Mg (ppm)	198	Mg (% Sat)	8.4
Ca (ppm)	1,718	Ca (% Sat)	59.0
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	316
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	93
MGO (LB/a)	18

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

COUNTY: **Blair** # of Samples **9**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	3.3		
P (ppm)	87		
K (ppm)	185	K (% Sat)	3.5
Mg (ppm)	181	Mg (% Sat)	8.3
Ca (ppm)	1,820	Ca (% Sat)	62.9
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	37
K20 (LB/A)	143
MGO (LB/a)	48

COUNTY: **Bradford** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	7.3		
P (ppm)	240		
K (ppm)	343	K (% Sat)	4.5
Mg (ppm)	230	Mg (% Sat)	2.2
Ca (ppm)	1,909	Ca (% Sat)	50.7
CEC	19.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	75
MGO (LB/a)	94

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

COUNTY: **BUCKS** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.5		
P (ppm)	199		
K (ppm)	221	K (% Sat)	3.5
Mg (ppm)	279	Mg (% Sat)	10.1
Ca (ppm)	2,001	Ca (% Sat)	57.5
CEC	16.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	78
MGO (LB/a)	10

COUNTY: **Butler** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.7		
P (ppm)	156		
K (ppm)	207	K (% Sat)	3.2
Mg (ppm)	286	Mg (% Sat)	12.5
Ca (ppm)	2,245	Ca (% Sat)	60.0
CEC	18.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	429
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	82
MGO (LB/a)	80

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

COUNTY:	Cambria	# of Samples	7
----------------	----------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.2		
P (ppm)	106		
K (ppm)	264	K (% Sat)	4.4
Mg (ppm)	230	Mg (% Sat)	14.6
Ca (ppm)	2,304	Ca (% Sat)	70.5
CEC	15.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	77
K20 (LB/A)	120
MGO (LB/a)	65

COUNTY:	Carbon	# of Samples	2
----------------	---------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.0		
P (ppm)	266		
K (ppm)	706	K (% Sat)	8.3
Mg (ppm)	491	Mg (% Sat)	21.1
Ca (ppm)	3,172	Ca (% Sat)	64.1
CEC	19.3		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY: **Centre** # of Samples 50

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	6.4		
P (ppm)	67		
K (ppm)	115	K (% Sat)	2.2
Mg (ppm)	107	Mg (% Sat)	7.6
Ca (ppm)	1,297	Ca (% Sat)	38.7
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	62
K20 (LB/A)	128
MGO (LB/a)	107

COUNTY: **Chester** # of Samples 19

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.4		
P (ppm)	116		
K (ppm)	242	K (% Sat)	4.0
Mg (ppm)	303	Mg (% Sat)	7.5
Ca (ppm)	2,039	Ca (% Sat)	58.2
CEC	16.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	67
K20 (LB/A)	105
MGO (LB/a)	53

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

COUNTY: **Clarion** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.6		
P (ppm)	184		
K (ppm)	331	K (% Sat)	5.9
Mg (ppm)	167	Mg (% Sat)	8.5
Ca (ppm)	1,615	Ca (% Sat)	50.4
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	50
MGO (LB/a)	158

COUNTY: **Clearfield** # of Samples **8**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	10.2		
P (ppm)	46		
K (ppm)	137	K (% Sat)	2.6
Mg (ppm)	116	Mg (% Sat)	13.3
Ca (ppm)	806	Ca (% Sat)	31.1
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	83
K20 (LB/A)	123
MGO (LB/a)	70

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

COUNTY: **Clinton** # of Samples **5**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.1		
P (ppm)	40		
K (ppm)	121	K (% Sat)	2.5
Mg (ppm)	149	Mg (% Sat)	8.4
Ca (ppm)	2,024	Ca (% Sat)	69.8
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	127
MGO (LB/a)	64

COUNTY: **Columbia** # of Samples **4**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.2		
P (ppm)	88		
K (ppm)	181	K (% Sat)	4.2
Mg (ppm)	132	Mg (% Sat)	6.7
Ca (ppm)	956	Ca (% Sat)	44.4
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1250
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	85
MGO (LB/a)	63

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

COUNTY: **Crawford** # of Samples **8**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	95		
K (ppm)	122	K (% Sat)	2.2
Mg (ppm)	199	Mg (% Sat)	2.7
Ca (ppm)	1,804	Ca (% Sat)	61.6
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	72
K20 (LB/A)	111
MGO (LB/a)	28

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

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	5.0		
P (ppm)	140		
K (ppm)	317	K (% Sat)	5.4
Mg (ppm)	212	Mg (% Sat)	8.9
Ca (ppm)	1,650	Ca (% Sat)	48.8
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	263
N (lb/A)	
P2O5 (LB/A)	65
K20 (LB/A)	124
MGO (LB/a)	95

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

COUNTY: **Dauphin** # of Samples 18

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.7		
P (ppm)	104		
K (ppm)	144	K (% Sat)	3.2
Mg (ppm)	145	Mg (% Sat)	7.3
Ca (ppm)	1,114	Ca (% Sat)	49.9
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	40
K20 (LB/A)	103
MGO (LB/a)	15

COUNTY: **Delaware** # of Samples 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	5.1		
P (ppm)	204		
K (ppm)	213	K (% Sat)	3.4
Mg (ppm)	282	Mg (% Sat)	6.1
Ca (ppm)	2,383	Ca (% Sat)	49.8
CEC	17.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1667
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	110
MGO (LB/a)	0

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

COUNTY:	Eik	# of Samples	3
----------------	------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.6		
P (ppm)	31		
K (ppm)	91	K (% Sat)	1.7
Mg (ppm)	168	Mg (% Sat)	3.7
Ca (ppm)	1,616	Ca (% Sat)	54.4
CEC	14.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	85
K20 (LB/A)	110
MGO (LB/a)	47

COUNTY:	Erie	# of Samples	13
----------------	-------------	---------------------	----

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	68		
K (ppm)	153	K (% Sat)	3.7
Mg (ppm)	154	Mg (% Sat)	6.3
Ca (ppm)	1,360	Ca (% Sat)	57.1
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	923
N (lb/A)	
P2O5 (LB/A)	58
K20 (LB/A)	90
MGO (LB/a)	30

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

COUNTY:	Fayette	# of Samples	6
----------------	----------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	9.8		
P (ppm)	271		
K (ppm)	326	K (% Sat)	4.1
Mg (ppm)	219	Mg (% Sat)	9.2
Ca (ppm)	1,288	Ca (% Sat)	34.8
CEC	18.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	80
K20 (LB/A)	82
MGO (LB/a)	20

COUNTY:	Forest	# of Samples	3
----------------	---------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.7		
P (ppm)	65		
K (ppm)	94	K (% Sat)	2.1
Mg (ppm)	139	Mg (% Sat)	6.5
Ca (ppm)	792	Ca (% Sat)	37.7
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	110
MGO (LB/a)	115

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

COUNTY: **Franklin** # of Samples **9**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.6		
P (ppm)	95		
K (ppm)	212	K (% Sat)	3.8
Mg (ppm)	178	Mg (% Sat)	2.0
Ca (ppm)	2,299	Ca (% Sat)	59.8
CEC	15.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	108
MGO (LB/a)	173

COUNTY: **Fulton** # of Samples **1**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	3.9		
P (ppm)	23		
K (ppm)	83	K (% Sat)	2.4
Mg (ppm)	93	Mg (% Sat)	8.6
Ca (ppm)	828	Ca (% Sat)	45.9
CEC	9.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	110
MGO (LB/a)	0

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

COUNTY: **Huntingdon** # of Samples 19

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.9		
P (ppm)	385		
K (ppm)	121	K (% Sat)	1.5
Mg (ppm)	558	Mg (% Sat)	18.0
Ca (ppm)	2,815	Ca (% Sat)	56.3
CEC	23.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	98
MGO (LB/a)	13

COUNTY: **Indiana** # of Samples 16

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	6.9		
P (ppm)	57		
K (ppm)	154	K (% Sat)	2.7
Mg (ppm)	154	Mg (% Sat)	5.4
Ca (ppm)	1,478	Ca (% Sat)	45.6
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	281
N (lb/A)	
P2O5 (LB/A)	83
K20 (LB/A)	111
MGO (LB/a)	111

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

COUNTY:	Jefferson	# of Samples	6
----------------	------------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	7.8		
P (ppm)	80		
K (ppm)	150	K (% Sat)	2.8
Mg (ppm)	142	Mg (% Sat)	2.6
Ca (ppm)	1,024	Ca (% Sat)	38.6
CEC	14.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1833
N (lb/A)	
P2O5 (LB/A)	74
K20 (LB/A)	76
MGO (LB/a)	110

COUNTY:	Juniata	# of Samples	1
----------------	----------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.0		
P (ppm)	566		
K (ppm)	741	K (% Sat)	9.6
Mg (ppm)	359	Mg (% Sat)	15.0
Ca (ppm)	3,154	Ca (% Sat)	75.4
CEC	19.9		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY: **Lackawanna** # of Samples 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.0		
P (ppm)	150		
K (ppm)	159	K (% Sat)	3.3
Mg (ppm)	137	Mg (% Sat)	5.7
Ca (ppm)	984	Ca (% Sat)	40.8
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	467
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	109
MGO (LB/a)	135

COUNTY: **Lancaster** # of Samples 11

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.9		
P (ppm)	189		
K (ppm)	244	K (% Sat)	3.9
Mg (ppm)	235	Mg (% Sat)	12.3
Ca (ppm)	2,036	Ca (% Sat)	56.8
CEC	16.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	111
MGO (LB/a)	81

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

COUNTY: **Lawrence** # of Samples **17**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	35		
K (ppm)	83	K (% Sat)	2.3
Mg (ppm)	48	Mg (% Sat)	12.3
Ca (ppm)	995	Ca (% Sat)	61.0
CEC	8.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	235
N (lb/A)	
P2O5 (LB/A)	83
K20 (LB/A)	136
MGO (LB/a)	90

COUNTY: **Lehigh** # of Samples **28**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.2		
P (ppm)	108		
K (ppm)	233	K (% Sat)	4.6
Mg (ppm)	253	Mg (% Sat)	9.3
Ca (ppm)	1,247	Ca (% Sat)	46.2
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1714
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	140
MGO (LB/a)	22

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

COUNTY: **Luzerne** # of Samples 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	7.2		
P (ppm)	107		
K (ppm)	112	K (% Sat)	2.1
Mg (ppm)	104	Mg (% Sat)	3.3
Ca (ppm)	1,037	Ca (% Sat)	37.1
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	600
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	108
MGO (LB/a)	77

COUNTY: **Lycoming** # of Samples 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	192		
K (ppm)	182	K (% Sat)	4.0
Mg (ppm)	148	Mg (% Sat)	3.0
Ca (ppm)	1,673	Ca (% Sat)	58.3
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	450
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	84
MGO (LB/a)	44

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

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

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	69		
K (ppm)	315	K (% Sat)	4.5
Mg (ppm)	227	Mg (% Sat)	10.8
Ca (ppm)	2,856	Ca (% Sat)	65.8
CEC	15.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	140
MGO (LB/a)	0

COUNTY: **Mercer** # of Samples **9**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	75		
K (ppm)	192	K (% Sat)	4.7
Mg (ppm)	119	Mg (% Sat)	3.2
Ca (ppm)	1,124	Ca (% Sat)	54.9
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	57
K20 (LB/A)	85
MGO (LB/a)	107

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

COUNTY:	Mifflin	# of Samples	4
----------------	----------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	4.4		
P (ppm)	37		
K (ppm)	149	K (% Sat)	3.4
Mg (ppm)	94	Mg (% Sat)	3.4
Ca (ppm)	1,048	Ca (% Sat)	46.3
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	750
N (lb/A)	
P2O5 (LB/A)	80
K20 (LB/A)	125
MGO (LB/a)	98

COUNTY:	Monroe	# of Samples	4
----------------	---------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	101		
K (ppm)	129	K (% Sat)	2.2
Mg (ppm)	217	Mg (% Sat)	9.0
Ca (ppm)	1,805	Ca (% Sat)	59.5
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	113
MGO (LB/a)	0

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

COUNTY: **Montgomery** # of Samples **15**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.1		
P (ppm)	143		
K (ppm)	214	K (% Sat)	3.2
Mg (ppm)	260	Mg (% Sat)	8.0
Ca (ppm)	2,224	Ca (% Sat)	61.6
CEC	17.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	93
MGO (LB/a)	7

COUNTY: **Montour** # of Samples **3**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	11.5		
P (ppm)	196		
K (ppm)	154	K (% Sat)	3.0
Mg (ppm)	90	Mg (% Sat)	2.2
Ca (ppm)	769	Ca (% Sat)	26.7
CEC	15.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1333
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	95
MGO (LB/a)	153

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

COUNTY: **Northampton** # of Samples **7**

SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.7		
P (ppm)	116		
K (ppm)	175	K (% Sat)	3.1
Mg (ppm)	200	Mg (% Sat)	11.6
Ca (ppm)	1,677	Ca (% Sat)	53.3
CEC	14.6		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	125
MGO (LB/a)	36

COUNTY: **Northumberland** # of Samples **4**

SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	180		
K (ppm)	234	K (% Sat)	4.5
Mg (ppm)	189	Mg (% Sat)	14.0
Ca (ppm)	1,285	Ca (% Sat)	52.2
CEC	12.6		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	80
K20 (LB/A)	120
MGO (LB/a)	55

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

COUNTY:	Perry	# of Samples	3
----------------	--------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.4		
P (ppm)	64		
K (ppm)	109	K (% Sat)	2.5
Mg (ppm)	77	Mg (% Sat)	5.7
Ca (ppm)	997	Ca (% Sat)	50.5
CEC	10.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	140
MGO (LB/a)	180

COUNTY:	Potter	# of Samples	3
----------------	---------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.5		
P (ppm)	90		
K (ppm)	200	K (% Sat)	3.4
Mg (ppm)	141	Mg (% Sat)	3.4
Ca (ppm)	1,490	Ca (% Sat)	50.9
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	95
K20 (LB/A)	108
MGO (LB/a)	113

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

COUNTY: **Schuylkill** # of Samples **5**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.4		
P (ppm)	125		
K (ppm)	141	K (% Sat)	2.7
Mg (ppm)	124	Mg (% Sat)	4.0
Ca (ppm)	1,269	Ca (% Sat)	47.3
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1400
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	85
MGO (LB/a)	86

COUNTY: **Snyder** # of Samples **6**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.0		
P (ppm)	78		
K (ppm)	158	K (% Sat)	3.2
Mg (ppm)	114	Mg (% Sat)	8.4
Ca (ppm)	1,446	Ca (% Sat)	55.7
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	80
MGO (LB/a)	135

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

COUNTY: **Somerset** # of Samples **2**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.3		
Acidity (meq/100 g)	0.0		
P (ppm)	91		
K (ppm)	347	K (% Sat)	5.7
Mg (ppm)	322	Mg (% Sat)	17.1
Ca (ppm)	2,428	Ca (% Sat)	77.3
CEC	15.7		

SOIL TEST RECOMMENDATIONS

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

COUNTY: **Sullivan** # of Samples **1**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.9		
Acidity (meq/100 g)	12.9		
P (ppm)	3		
K (ppm)	35	K (% Sat)	0.6
Mg (ppm)	28	Mg (% Sat)	1.6
Ca (ppm)	306	Ca (% Sat)	10.4
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	160
MGO (LB/a)	190

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

COUNTY: **Susquehanna** # of Samples 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	7.1		
P (ppm)	263		
K (ppm)	223	K (% Sat)	3.1
Mg (ppm)	198	Mg (% Sat)	7.9
Ca (ppm)	2,033	Ca (% Sat)	50.6
CEC	18.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	700
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	110
MGO (LB/a)	19

COUNTY: **Tioga** # of Samples 9

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	6.2		
P (ppm)	172		
K (ppm)	714	K (% Sat)	5.9
Mg (ppm)	371	Mg (% Sat)	5.1
Ca (ppm)	2,187	Ca (% Sat)	43.9
CEC	18.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	77
K20 (LB/A)	98
MGO (LB/a)	69

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

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

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.5		
P (ppm)	183		
K (ppm)	364	K (% Sat)	6.2
Mg (ppm)	287	Mg (% Sat)	12.7
Ca (ppm)	2,155	Ca (% Sat)	72.9
CEC	14.6		

SOIL TEST RECOMMENDATIONS

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

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

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	5.3		
P (ppm)	39		
K (ppm)	160	K (% Sat)	2.5
Mg (ppm)	160	Mg (% Sat)	3.4
Ca (ppm)	1,628	Ca (% Sat)	47.6
CEC	15.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4500
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	140
MGO (LB/a)	70

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

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

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.7		
P (ppm)	28		
K (ppm)	82	K (% Sat)	1.7
Mg (ppm)	156	Mg (% Sat)	10.7
Ca (ppm)	1,468	Ca (% Sat)	59.1
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	110
MGO (LB/a)	0

COUNTY: **Washington** # of Samples **18**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.4		
P (ppm)	146		
K (ppm)	263	K (% Sat)	4.5
Mg (ppm)	212	Mg (% Sat)	4.3
Ca (ppm)	1,821	Ca (% Sat)	54.5
CEC	15.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	722
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	73
MGO (LB/a)	90

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

COUNTY:	Wayne	# of Samples	6
----------------	--------------	---------------------	---

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.6		
Acidity (meq/100 g)	11.6		
P (ppm)	47		
K (ppm)	126	K (% Sat)	2.0
Mg (ppm)	96	Mg (% Sat)	3.5
Ca (ppm)	589	Ca (% Sat)	18.0
CEC	15.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	65
K20 (LB/A)	98
MGO (LB/a)	103

COUNTY:	Westmoreland	# of Samples	22
----------------	---------------------	---------------------	----

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.7		
P (ppm)	99		
K (ppm)	303	K (% Sat)	4.6
Mg (ppm)	243	Mg (% Sat)	10.3
Ca (ppm)	2,016	Ca (% Sat)	51.3
CEC	16.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1773
N (lb/A)	
P2O5 (LB/A)	72
K20 (LB/A)	88
MGO (LB/a)	92

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

COUNTY:	Wyoming	# of Samples	24
----------------	----------------	---------------------	----

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	7.2		
P (ppm)	180		
K (ppm)	399	K (% Sat)	6.6
Mg (ppm)	172	Mg (% Sat)	13.8
Ca (ppm)	1,038	Ca (% Sat)	37.7
CEC	14.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1042
N (lb/A)	
P2O5 (LB/A)	50
K20 (LB/A)	118
MGO (LB/a)	122

COUNTY:	York	# of Samples	14
----------------	-------------	---------------------	----

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.4		
P (ppm)	110		
K (ppm)	158	K (% Sat)	2.9
Mg (ppm)	215	Mg (% Sat)	3.7
Ca (ppm)	1,830	Ca (% Sat)	58.8
CEC	15.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	72
K20 (LB/A)	88
MGO (LB/a)	24