

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS**  
**Tree Fruit Samples**

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**# of Samples**                      297

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**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	52		
K (ppm)	115	K (% Sat)	2.9
Mg (ppm)	144	Mg (% Sat)	11.3
Ca (ppm)	1,132	Ca (% Sat)	53.6
CEC	10.4		

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**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1816
N (lb/A)	
P2O5 (LB/A)	145
K20 (LB/A)	67
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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<b>COUNTY:</b>	<b>Adams</b>	<b># of Samples</b>	130
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	36		
K (ppm)	98	<b>K (% Sat)</b>	2.9
Mg (ppm)	144	<b>Mg (% Sat)</b>	5.6
Ca (ppm)	1,040	<b>Ca (% Sat)</b>	57.0
CEC	9.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	962
N (lb/A)	
P2O5 (LB/A)	140
K20 (LB/A)	54
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Allegheny</b>	<b># of Samples</b>	4
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	58		
K (ppm)	135	<b>K (% Sat)</b>	2.3
Mg (ppm)	196	<b>Mg (% Sat)</b>	5.4
Ca (ppm)	2,303	<b>Ca (% Sat)</b>	70.9
CEC	14.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	750
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	70
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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<b>COUNTY:</b>	<b>Bedford</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.7		
P (ppm)	30		
K (ppm)	76	<b>K (% Sat)</b>	2.2
Mg (ppm)	49	<b>Mg (% Sat)</b>	4.6
Ca (ppm)	497	<b>Ca (% Sat)</b>	28.3
CEC	8.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	80
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Berks</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.5		
P (ppm)	36		
K (ppm)	106	<b>K (% Sat)</b>	2.5
Mg (ppm)	158	<b>Mg (% Sat)</b>	4.8
Ca (ppm)	1,136	<b>Ca (% Sat)</b>	48.3
CEC	10.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3750
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	100
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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<b>COUNTY:</b>	<b>Blair</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	5.1		
P (ppm)	11		
K (ppm)	73	K (% Sat)	1.4
Mg (ppm)	149	Mg (% Sat)	9.1
Ca (ppm)	1,422	Ca (% Sat)	52.1
CEC	13.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	80
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Bradford</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.4		
P (ppm)	21		
K (ppm)	147	K (% Sat)	3.3
Mg (ppm)	139	Mg (% Sat)	6.4
Ca (ppm)	897	Ca (% Sat)	39.3
CEC	11.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5250
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	80
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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<b>COUNTY:</b>	<b>Bucks</b>	<b># of Samples</b>	12
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.2		
P (ppm)	49		
K (ppm)	82	K (% Sat)	2.6
Mg (ppm)	124	Mg (% Sat)	10.9
Ca (ppm)	701	Ca (% Sat)	40.1
CEC	8.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2833
N (lb/A)	
P2O5 (LB/A)	168
K20 (LB/A)	92
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Butler</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.0		
P (ppm)	190		
K (ppm)	234	K (% Sat)	3.4
Mg (ppm)	258	Mg (% Sat)	12.1
Ca (ppm)	3,159	Ca (% Sat)	84.5
CEC	17.8		

**SOIL TEST RECOMMENDATIONS**

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

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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<b>COUNTY:</b>	<b>Cambria</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.9		
Acidity (meq/100 g)	11.1		
P (ppm)	11		
K (ppm)	65	<b>K (% Sat)</b>	1.4
Mg (ppm)	32	<b>Mg (% Sat)</b>	3.3
Ca (ppm)	125	<b>Ca (% Sat)</b>	4.9
CEC	12.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	9500
N (lb/A)	
P2O5 (LB/A)	188
K20 (LB/A)	120
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Centre</b>	<b># of Samples</b>	4
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.9		
P (ppm)	106		
K (ppm)	100	<b>K (% Sat)</b>	1.9
Mg (ppm)	160	<b>Mg (% Sat)</b>	1.8
Ca (ppm)	2,322	<b>Ca (% Sat)</b>	83.5
CEC	13.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	75
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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COUNTY: **Chester** # of Samples **1**

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.0		
P (ppm)	29		
K (ppm)	126	K (% Sat)	4.5
Mg (ppm)	144	Mg (% Sat)	16.8
Ca (ppm)	1,128	Ca (% Sat)	78.7
CEC	7.2		

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**SOIL TEST RECOMMENDATIONS**

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

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COUNTY: **Clarion** # of Samples **1**

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.4		
P (ppm)	17		
K (ppm)	120	K (% Sat)	3.1
Mg (ppm)	101	Mg (% Sat)	8.5
Ca (ppm)	1,065	Ca (% Sat)	53.9
CEC	9.9		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	80
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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<b>COUNTY:</b>	<b>Clearfield</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.1		
P (ppm)	22		
K (ppm)	75	K (% Sat)	1.8
Mg (ppm)	95	Mg (% Sat)	9.0
Ca (ppm)	963	Ca (% Sat)	45.1
CEC	10.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	100
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Columbia</b>	<b># of Samples</b>	6
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.0		
P (ppm)	104		
K (ppm)	112	K (% Sat)	2.7
Mg (ppm)	176	Mg (% Sat)	2.6
Ca (ppm)	1,143	Ca (% Sat)	53.3
CEC	10.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	138
K20 (LB/A)	68
MGO (LB/a)	0



**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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<b>COUNTY:</b>	<b>Crawford</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.3		
P (ppm)	68		
K (ppm)	176	K (% Sat)	3.6
Mg (ppm)	179	Mg (% Sat)	6.8
Ca (ppm)	1,363	Ca (% Sat)	52.6
CEC	13.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	80
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Cumberland</b>	<b># of Samples</b>	12
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	27		
K (ppm)	99	K (% Sat)	2.9
Mg (ppm)	90	Mg (% Sat)	1.4
Ca (ppm)	864	Ca (% Sat)	48.0
CEC	9.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2250
N (lb/A)	
P2O5 (LB/A)	152
K20 (LB/A)	73
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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**COUNTY: Dauphin** **# of Samples** 21

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.6		
P (ppm)	42		
K (ppm)	121	K (% Sat)	3.5
Mg (ppm)	124	Mg (% Sat)	6.3
Ca (ppm)	990	Ca (% Sat)	55.5
CEC	8.9		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	1095
N (lb/A)	
P2O5 (LB/A)	121
K20 (LB/A)	57
MGO (LB/a)	0

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**COUNTY: Elk** **# of Samples** 2

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.4		
P (ppm)	45		
K (ppm)	92	K (% Sat)	2.2
Mg (ppm)	72	Mg (% Sat)	4.2
Ca (ppm)	1,741	Ca (% Sat)	80.9
CEC	10.9		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	60
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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<b>COUNTY:</b>	<b>Fayette</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.4		
P (ppm)	31		
K (ppm)	232	K (% Sat)	5.1
Mg (ppm)	131	Mg (% Sat)	12.3
Ca (ppm)	1,238	Ca (% Sat)	55.8
CEC	11.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	60
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Forest</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.8		
P (ppm)	83		
K (ppm)	124	K (% Sat)	3.6
Mg (ppm)	85	Mg (% Sat)	8.7
Ca (ppm)	1,018	Ca (% Sat)	57.2
CEC	8.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	70
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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**COUNTY: Franklin** **# of Samples** 3

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.0		
P (ppm)	213		
K (ppm)	351	K (% Sat)	5.6
Mg (ppm)	186	Mg (% Sat)	8.7
Ca (ppm)	2,719	Ca (% Sat)	84.2
CEC	14.7		

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**SOIL TEST RECOMMENDATIONS**

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

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**COUNTY: Indiana** **# of Samples** 2

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.0		
P (ppm)	249		
K (ppm)	407	K (% Sat)	6.3
Mg (ppm)	266	Mg (% Sat)	8.2
Ca (ppm)	2,255	Ca (% Sat)	80.5
CEC	14.4		

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**SOIL TEST RECOMMENDATIONS**

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

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.7		
P (ppm)	77		
K (ppm)	132	K (% Sat)	2.9
Mg (ppm)	98	Mg (% Sat)	4.7
Ca (ppm)	1,177	Ca (% Sat)	53.6
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2400
N (lb/A)	
P2O5 (LB/A)	183
K20 (LB/A)	106
MGO (LB/a)	0

**COUNTY: Lancaster** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.9		
P (ppm)	54		
K (ppm)	123	K (% Sat)	3.5
Mg (ppm)	111	Mg (% Sat)	10.1
Ca (ppm)	799	Ca (% Sat)	43.7
CEC	9.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4500
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	50
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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**COUNTY: Lawrence** **# of Samples** 2

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	36		
K (ppm)	111	K (% Sat)	3.2
Mg (ppm)	139	Mg (% Sat)	11.2
Ca (ppm)	1,101	Ca (% Sat)	63.1
CEC	9.2		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	55
MGO (LB/a)	0

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**COUNTY: Lehigh** **# of Samples** 8

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.7		
P (ppm)	77		
K (ppm)	119	K (% Sat)	2.3
Mg (ppm)	196	Mg (% Sat)	5.4
Ca (ppm)	1,460	Ca (% Sat)	54.4
CEC	13.0		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	2688
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	100
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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<b>COUNTY:</b>	<b>Luzerne</b>	<b># of Samples</b>	4
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.2		
P (ppm)	48		
K (ppm)	140	K (% Sat)	2.6
Mg (ppm)	115	Mg (% Sat)	3.3
Ca (ppm)	1,621	Ca (% Sat)	58.2
CEC	13.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	167
K20 (LB/A)	115
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Monroe</b>	<b># of Samples</b>	3
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	5.9		
P (ppm)	13		
K (ppm)	64	K (% Sat)	2.0
Mg (ppm)	30	Mg (% Sat)	2.2
Ca (ppm)	396	Ca (% Sat)	21.9
CEC	8.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4333
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	93
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

**COUNTY: Montgomery** **# of Samples** 3

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.6		
P (ppm)	80		
K (ppm)	204	K (% Sat)	3.7
Mg (ppm)	291	Mg (% Sat)	14.6
Ca (ppm)	1,810	Ca (% Sat)	63.3
CEC	14.6		

**SOIL TEST RECOMMENDATIONS**

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

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	61		
K (ppm)	165	K (% Sat)	3.9
Mg (ppm)	231	Mg (% Sat)	17.7
Ca (ppm)	1,030	Ca (% Sat)	47.2
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

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



**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

**COUNTY: Northampton** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.1		
P (ppm)	24		
K (ppm)	226	K (% Sat)	5.0
Mg (ppm)	197	Mg (% Sat)	14.1
Ca (ppm)	859	Ca (% Sat)	37.0
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	
MGO (LB/a)	0

**COUNTY: Northumberland** **# of Samples** 3

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	6.5		
P (ppm)	97		
K (ppm)	53	K (% Sat)	1.4
Mg (ppm)	67	Mg (% Sat)	2.7
Ca (ppm)	470	Ca (% Sat)	26.0
CEC	9.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5000
N (lb/A)	
P2O5 (LB/A)	200
K20 (LB/A)	97
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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<b>COUNTY:</b>	<b>Perry</b>	<b># of Samples</b>	3
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	4.2		
P (ppm)	83		
K (ppm)	298	K (% Sat)	4.5
Mg (ppm)	240	Mg (% Sat)	3.4
Ca (ppm)	1,998	Ca (% Sat)	45.6
CEC	14.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	175
K2O (LB/A)	60
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Philadelphia</b>	<b># of Samples</b>	3
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	4.8		
P (ppm)	129		
K (ppm)	237	K (% Sat)	3.0
Mg (ppm)	435	Mg (% Sat)	6.8
Ca (ppm)	1,736	Ca (% Sat)	43.0
CEC	17.0		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3667
N (lb/A)	
P2O5 (LB/A)	163
K2O (LB/A)	100
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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**COUNTY: Pike** **# of Samples** 5

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.9		
P (ppm)	121		
K (ppm)	90	K (% Sat)	1.7
Mg (ppm)	293	Mg (% Sat)	14.2
Ca (ppm)	1,539	Ca (% Sat)	53.2
CEC	14.3		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	1400
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	50
MGO (LB/a)	0

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**COUNTY: Potter** **# of Samples** 3

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	8.1		
P (ppm)	11		
K (ppm)	52	K (% Sat)	1.1
Mg (ppm)	68	Mg (% Sat)	1.1
Ca (ppm)	562	Ca (% Sat)	21.8
CEC	11.6		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	6667
N (lb/A)	
P2O5 (LB/A)	183
K20 (LB/A)	127
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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**COUNTY: Schuylkill** **# of Samples** 3

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.4		
P (ppm)	70		
K (ppm)	90	K (% Sat)	1.9
Mg (ppm)	156	Mg (% Sat)	8.6
Ca (ppm)	1,994	Ca (% Sat)	75.8
CEC	12.9		

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**SOIL TEST RECOMMENDATIONS**

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

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**COUNTY: Snyder** **# of Samples** 3

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.7		
P (ppm)	41		
K (ppm)	80	K (% Sat)	2.0
Mg (ppm)	54	Mg (% Sat)	4.6
Ca (ppm)	1,077	Ca (% Sat)	54.8
CEC	9.8		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	3667
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	103
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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<b>COUNTY:</b>	<b>Somerset</b>	<b># of Samples</b>	6
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	6.6		
P (ppm)	69		
K (ppm)	150	K (% Sat)	3.0
Mg (ppm)	132	Mg (% Sat)	5.8
Ca (ppm)	902	Ca (% Sat)	35.8
CEC	12.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4833
N (lb/A)	
P2O5 (LB/A)	158
K20 (LB/A)	73
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Susquehanna</b>	<b># of Samples</b>	3
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.4		
P (ppm)	111		
K (ppm)	180	K (% Sat)	2.9
Mg (ppm)	276	Mg (% Sat)	14.0
Ca (ppm)	2,091	Ca (% Sat)	66.2
CEC	15.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1333
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	80
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

**COUNTY: Venango** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.2		
P (ppm)	17		
K (ppm)	125	K (% Sat)	2.4
Mg (ppm)	76	Mg (% Sat)	4.8
Ca (ppm)	1,992	Ca (% Sat)	75.9
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	60
MGO (LB/a)	0

**COUNTY: Washington** **# of Samples** 9

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.4		
P (ppm)	115		
K (ppm)	160	K (% Sat)	3.5
Mg (ppm)	122	Mg (% Sat)	4.2
Ca (ppm)	1,033	Ca (% Sat)	41.5
CEC	12.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3778
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	60
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

**COUNTY: Wayne** **# of Samples** 3

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.3		
P (ppm)	64		
K (ppm)	63	K (% Sat)	1.7
Mg (ppm)	61	Mg (% Sat)	6.1
Ca (ppm)	689	Ca (% Sat)	37.4
CEC	9.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5500
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	117
MGO (LB/a)	0

**COUNTY: Westmoreland** **# of Samples** 4

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	6.9		
P (ppm)	26		
K (ppm)	79	K (% Sat)	2.0
Mg (ppm)	65	Mg (% Sat)	4.1
Ca (ppm)	538	Ca (% Sat)	27.1
CEC	10.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6250
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	50
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**  
**Tree Fruit Samples**

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COUNTY: **Wyoming** # of Samples **1**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	6.9		
P (ppm)	9		
K (ppm)	53	<b>K (% Sat)</b>	1.2
Mg (ppm)	60	<b>Mg (% Sat)</b>	4.3
Ca (ppm)	825	<b>Ca (% Sat)</b>	35.4
CEC	11.7		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	60
MGO (LB/a)	0

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COUNTY: **York** # of Samples **4**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.4		
P (ppm)	21		
K (ppm)	57	<b>K (% Sat)</b>	1.9
Mg (ppm)	183	<b>Mg (% Sat)</b>	7.9
Ca (ppm)	1,054	<b>Ca (% Sat)</b>	63.9
CEC	8.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	169
K20 (LB/A)	120
MGO (LB/a)	0