

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

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**# of Samples**                    234

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**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	92		
K (ppm)	185	K (% Sat)	4.2
Mg (ppm)	142	Mg (% Sat)	10.5
Ca (ppm)	1,207	Ca (% Sat)	50.6
CEC	11.6		

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**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2505
N (lb/A)	
P2O5 (LB/A)	142
K20 (LB/A)	81
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>	71
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	125		
K (ppm)	200	<b>K (% Sat)</b>	4.5
Mg (ppm)	134	<b>Mg (% Sat)</b>	5.1
Ca (ppm)	1,447	<b>Ca (% Sat)</b>	56.1
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1761
N (lb/A)	
P2O5 (LB/A)	131
K20 (LB/A)	71
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	7.2		
P (ppm)	44		
K (ppm)	248	<b>K (% Sat)</b>	4.7
Mg (ppm)	114	<b>Mg (% Sat)</b>	4.1
Ca (ppm)	971	<b>Ca (% Sat)</b>	34.4
CEC	13.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5500
N (lb/A)	
P2O5 (LB/A)	150
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>Armstrong</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	6.9		
P (ppm)	18		
K (ppm)	202	<b>K (% Sat)</b>	4.0
Mg (ppm)	103	<b>Mg (% Sat)</b>	6.6
Ca (ppm)	959	<b>Ca (% Sat)</b>	36.7
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	9.3		
P (ppm)	20		
K (ppm)	102	<b>K (% Sat)</b>	2.4
Mg (ppm)	42	<b>Mg (% Sat)</b>	3.2
Ca (ppm)	174	<b>Ca (% Sat)</b>	8.1
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	8000
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**

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<b>COUNTY:</b>	<b>Bedford</b>	<b># of Samples</b>	6
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<b>SOIL TEST RESULTS</b>			
<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	5.4		
Acidity (meq/100 g)	7.2		
P (ppm)	93		
K (ppm)	219	<b>K (% Sat)</b>	4.5
Mg (ppm)	88	<b>Mg (% Sat)</b>	2.5
Ca (ppm)	826	<b>Ca (% Sat)</b>	32.0
CEC	12.6		

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<b>SOIL TEST RECOMMENDATIONS</b>	
<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	5833
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	120
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Berks</b>	<b># of Samples</b>	6
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<b>SOIL TEST RESULTS</b>			
<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	71		
K (ppm)	213	<b>K (% Sat)</b>	5.1
Mg (ppm)	158	<b>Mg (% Sat)</b>	9.2
Ca (ppm)	1,257	<b>Ca (% Sat)</b>	58.9
CEC	10.5		

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<b>SOIL TEST RECOMMENDATIONS</b>	
<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	500
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>Bradford</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	3.9		
P (ppm)	45		
K (ppm)	177	K (% Sat)	4.0
Mg (ppm)	142	Mg (% Sat)	10.4
Ca (ppm)	1,169	Ca (% Sat)	51.3
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Bucks</b>	<b># of Samples</b>	18
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.3		
P (ppm)	27		
K (ppm)	153	K (% Sat)	4.8
Mg (ppm)	169	Mg (% Sat)	17.1
Ca (ppm)	796	Ca (% Sat)	49.2
CEC	8.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	778
N (lb/A)	
P2O5 (LB/A)	148
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>Butler</b>	<b># of Samples</b>	4
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	123		
K (ppm)	203	<b>K (% Sat)</b>	3.5
Mg (ppm)	107	<b>Mg (% Sat)</b>	5.5
Ca (ppm)	2,267	<b>Ca (% Sat)</b>	72.9
CEC	15.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1125
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	80
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Centre</b>	<b># of Samples</b>	16
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	59		
K (ppm)	164	<b>K (% Sat)</b>	4.2
Mg (ppm)	126	<b>Mg (% Sat)</b>	2.1
Ca (ppm)	955	<b>Ca (% Sat)</b>	49.4
CEC	10.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2250
N (lb/A)	
P2O5 (LB/A)	128
K20 (LB/A)	76
MGO (LB/a)	0

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

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**COUNTY: Chester** **# of Samples** 3

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.9		
P (ppm)	22		
K (ppm)	253	<b>K (% Sat)</b>	4.6
Mg (ppm)	281	<b>Mg (% Sat)</b>	15.8
Ca (ppm)	1,244	<b>Ca (% Sat)</b>	43.8
CEC	14.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3833
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	
MGO (LB/a)	0

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**COUNTY: Columbia** **# of Samples** 1

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.4		
Acidity (meq/100 g)	0.0		
P (ppm)	61		
K (ppm)	140	<b>K (% Sat)</b>	3.0
Mg (ppm)	319	<b>Mg (% Sat)</b>	22.5
Ca (ppm)	1,763	<b>Ca (% Sat)</b>	74.5
CEC	11.8		

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**SOIL TEST RECOMMENDATIONS**

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**

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	3.4		
P (ppm)	180		
K (ppm)	137	K (% Sat)	2.5
Mg (ppm)	289	Mg (% Sat)	17.1
Ca (ppm)	1,586	Ca (% Sat)	56.3
CEC	14.1		

**SOIL TEST RECOMMENDATIONS**

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

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<b>COUNTY:</b>	<b>Dauphin</b>	<b># of Samples</b>	23
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	71		
K (ppm)	220	K (% Sat)	5.4
Mg (ppm)	145	Mg (% Sat)	9.6
Ca (ppm)	1,192	Ca (% Sat)	57.2
CEC	10.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	565
N (lb/A)	
P2O5 (LB/A)	106
K20 (LB/A)	35
MGO (LB/a)	0



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

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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	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	49		
K (ppm)	133	<b>K (% Sat)</b>	3.1
Mg (ppm)	96	<b>Mg (% Sat)</b>	4.9
Ca (ppm)	1,623	<b>Ca (% Sat)</b>	75.2
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	57		
K (ppm)	188	<b>K (% Sat)</b>	4.4
Mg (ppm)	185	<b>Mg (% Sat)</b>	11.3
Ca (ppm)	1,511	<b>Ca (% Sat)</b>	68.4
CEC	11.3		

**SOIL TEST RECOMMENDATIONS**

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

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

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**COUNTY:     Greene** **# of Samples**                   1

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.8		
Acidity (meq/100 g)	11.1		
P (ppm)	81		
K (ppm)	118	K (% Sat)	1.9
Mg (ppm)	71	Mg (% Sat)	3.7
Ca (ppm)	801	Ca (% Sat)	25.0
CEC	16.0		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	9000
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	60
MGO (LB/a)	0

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

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.6		
P (ppm)	166		
K (ppm)	202	K (% Sat)	4.4
Mg (ppm)	120	Mg (% Sat)	10.4
Ca (ppm)	1,491	Ca (% Sat)	64.0
CEC	11.6		

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**SOIL TEST RECOMMENDATIONS**

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

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.9		
P (ppm)	120		
K (ppm)	534	K (% Sat)	9.0
Mg (ppm)	205	Mg (% Sat)	1.5
Ca (ppm)	1,451	Ca (% Sat)	48.4
CEC	14.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3333
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	120
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.9		
P (ppm)	35		
K (ppm)	183	K (% Sat)	5.1
Mg (ppm)	122	Mg (% Sat)	11.1
Ca (ppm)	756	Ca (% Sat)	41.2
CEC	9.2		

**SOIL TEST RECOMMENDATIONS**

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

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

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**COUNTY: Lebanon** **# of Samples** 2

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.1		
P (ppm)	35		
K (ppm)	207	K (% Sat)	4.2
Mg (ppm)	150	Mg (% Sat)	11.7
Ca (ppm)	1,137	Ca (% Sat)	45.6
CEC	12.6		

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**SOIL TEST RECOMMENDATIONS**

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

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**COUNTY: Lehigh** **# of Samples** 12

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	5.0		
P (ppm)	221		
K (ppm)	200	K (% Sat)	3.7
Mg (ppm)	169	Mg (% Sat)	3.1
Ca (ppm)	1,259	Ca (% Sat)	45.5
CEC	13.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2250
N (lb/A)	
P2O5 (LB/A)	140
K20 (LB/A)	50
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	4.6		
P (ppm)	61		
K (ppm)	125	<b>K (% Sat)</b>	3.4
Mg (ppm)	167	<b>Mg (% Sat)</b>	7.2
Ca (ppm)	852	<b>Ca (% Sat)</b>	37.8
CEC	10.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3500
N (lb/A)	
P2O5 (LB/A)	200
K20 (LB/A)	120
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	6.9		
P (ppm)	18		
K (ppm)	30	<b>K (% Sat)</b>	1.0
Mg (ppm)	19	<b>Mg (% Sat)</b>	2.0
Ca (ppm)	189	<b>Ca (% Sat)</b>	11.7
CEC	8.1		

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**SOIL TEST RECOMMENDATIONS**

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

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.8		
Acidity (meq/100 g)	12.6		
P (ppm)	31		
K (ppm)	123	<b>K (% Sat)</b>	2.2
Mg (ppm)	79	<b>Mg (% Sat)</b>	6.2
Ca (ppm)	555	<b>Ca (% Sat)</b>	24.1
CEC	14.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	11333
N (lb/A)	
P2O5 (LB/A)	142
K20 (LB/A)	80
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.2		
Acidity (meq/100 g)	7.5		
P (ppm)	23		
K (ppm)	103	<b>K (% Sat)</b>	2.2
Mg (ppm)	143	<b>Mg (% Sat)</b>	5.1
Ca (ppm)	680	<b>Ca (% Sat)</b>	27.4
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
N (lb/A)	
P2O5 (LB/A)	163
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>Northampton</b>	<b># of Samples</b>	7
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.2		
P (ppm)	53		
K (ppm)	155	K (% Sat)	3.2
Mg (ppm)	207	Mg (% Sat)	8.1
Ca (ppm)	1,555	Ca (% Sat)	56.6
CEC	12.7		

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SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	2857
N (lb/A)	
P2O5 (LB/A)	131
K20 (LB/A)	70
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Northumberland</b>	<b># of Samples</b>	6
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.2		
P (ppm)	66		
K (ppm)	188	K (% Sat)	4.8
Mg (ppm)	97	Mg (% Sat)	7.0
Ca (ppm)	904	Ca (% Sat)	45.9
CEC	10.0		

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SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	3333
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>Perry</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	6.3		
P (ppm)	1,071		
K (ppm)	517	K (% Sat)	6.8
Mg (ppm)	238	Mg (% Sat)	10.1
Ca (ppm)	1,997	Ca (% Sat)	51.0
CEC	19.6		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.0		
P (ppm)	365		
K (ppm)	307	K (% Sat)	7.3
Mg (ppm)	242	Mg (% Sat)	18.7
Ca (ppm)	1,601	Ca (% Sat)	74.1
CEC	10.8		

**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>Susquehanna</b>	<b># of Samples</b>	7
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.8		
P (ppm)	37		
K (ppm)	95	K (% Sat)	1.9
Mg (ppm)	145	Mg (% Sat)	8.5
Ca (ppm)	1,038	Ca (% Sat)	40.9
CEC	12.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3571
N (lb/A)	
P2O5 (LB/A)	160
K20 (LB/A)	83
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	8.1		
P (ppm)	78		
K (ppm)	109	K (% Sat)	1.8
Mg (ppm)	127	Mg (% Sat)	6.7
Ca (ppm)	1,294	Ca (% Sat)	40.7
CEC	15.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	10800
N (lb/A)	
P2O5 (LB/A)	
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>Venango</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	5.7		
P (ppm)	13		
K (ppm)	90	K (% Sat)	2.2
Mg (ppm)	38	Mg (% Sat)	3.0
Ca (ppm)	877	Ca (% Sat)	41.2
CEC	10.6		

**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>Warren</b>	<b># of Samples</b>	4
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.4		
P (ppm)	13		
K (ppm)	79	K (% Sat)	1.5
Mg (ppm)	243	Mg (% Sat)	12.2
Ca (ppm)	1,301	Ca (% Sat)	49.9
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	188
K20 (LB/A)	128
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	69		
K (ppm)	194	K (% Sat)	3.8
Mg (ppm)	177	Mg (% Sat)	6.0
Ca (ppm)	1,592	Ca (% Sat)	64.6
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1333
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	60
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	10.5		
P (ppm)	60		
K (ppm)	130	K (% Sat)	2.2
Mg (ppm)	70	Mg (% Sat)	3.3
Ca (ppm)	529	Ca (% Sat)	22.9
CEC	13.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	9000
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>Westmoreland</b>	<b># of Samples</b>	4
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	9.2		
P (ppm)	17		
K (ppm)	125	<b>K (% Sat)</b>	2.4
Mg (ppm)	116	<b>Mg (% Sat)</b>	17.3
Ca (ppm)	659	<b>Ca (% Sat)</b>	25.3
CEC	13.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	8300
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	90
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.6		
P (ppm)	33		
K (ppm)	44	<b>K (% Sat)</b>	1.2
Mg (ppm)	80	<b>Mg (% Sat)</b>	3.5
Ca (ppm)	782	<b>Ca (% Sat)</b>	36.2
CEC	10.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5800
N (lb/A)	
P2O5 (LB/A)	158
K20 (LB/A)	131
MGO (LB/a)	0