

**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>	21
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	75		
K (ppm)	198	<b>K (% Sat)</b>	4.8
Mg (ppm)	117	<b>Mg (% Sat)</b>	4.2
Ca (ppm)	1,192	<b>Ca (% Sat)</b>	53.8
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1952
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	70
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	5.9		
Acidity (meq/100 g)	5.8		
P (ppm)	170		
K (ppm)	146	<b>K (% Sat)</b>	2.8
Mg (ppm)	108	<b>Mg (% Sat)</b>	3.0
Ca (ppm)	1,142	<b>Ca (% Sat)</b>	46.5
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4875
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	77
MGO (LB/a)	0

**SUMMARY REPORT**  
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**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	5.2		
Acidity (meq/100 g)	10.5		
P (ppm)	35		
K (ppm)	108	K (% Sat)	2.1
Mg (ppm)	41	Mg (% Sat)	2.6
Ca (ppm)	427	Ca (% Sat)	16.1
CEC	13.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	9000
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	60
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.4		
P (ppm)	74		
K (ppm)	167	K (% Sat)	4.5
Mg (ppm)	107	Mg (% Sat)	1.2
Ca (ppm)	945	Ca (% Sat)	43.6
CEC	9.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2333
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	120
MGO (LB/a)	0

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

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<b>COUNTY:</b>	<b>Berks</b>	<b># of Samples</b>	10
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	58		
K (ppm)	166	K (% Sat)	3.2
Mg (ppm)	213	Mg (% Sat)	10.6
Ca (ppm)	1,757	Ca (% Sat)	67.6
CEC	13.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	400
N (lb/A)	
P2O5 (LB/A)	130
K20 (LB/A)	94
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.4		
P (ppm)	28		
K (ppm)	171	K (% Sat)	3.9
Mg (ppm)	245	Mg (% Sat)	16.0
Ca (ppm)	1,506	Ca (% Sat)	63.9
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
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>Bradford</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	6.0		
P (ppm)	32		
K (ppm)	89	<b>K (% Sat)</b>	2.2
Mg (ppm)	64	<b>Mg (% Sat)</b>	2.9
Ca (ppm)	770	<b>Ca (% Sat)</b>	36.5
CEC	10.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4500
N (lb/A)	
P2O5 (LB/A)	105
K20 (LB/A)	150
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Bucks</b>	<b># of Samples</b>	13
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.3		
P (ppm)	80		
K (ppm)	182	<b>K (% Sat)</b>	4.4
Mg (ppm)	179	<b>Mg (% Sat)</b>	9.3
Ca (ppm)	1,124	<b>Ca (% Sat)</b>	53.4
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1231
N (lb/A)	
P2O5 (LB/A)	158
K20 (LB/A)	78
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>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	3.4		
P (ppm)	23		
K (ppm)	58	K (% Sat)	2.4
Mg (ppm)	27	Mg (% Sat)	3.6
Ca (ppm)	481	Ca (% Sat)	38.9
CEC	6.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	120
MGO (LB/a)	0

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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	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	12		
K (ppm)	123	K (% Sat)	2.8
Mg (ppm)	207	Mg (% Sat)	4.9
Ca (ppm)	1,435	Ca (% Sat)	54.4
CEC	12.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	188
K20 (LB/A)	120
MGO (LB/a)	0

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

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COUNTY: **Carbon** # of Samples **1**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.1		
P (ppm)	30		
K (ppm)	78	<b>K (% Sat)</b>	2.3
Mg (ppm)	77	<b>Mg (% Sat)</b>	7.4
Ca (ppm)	555	<b>Ca (% Sat)</b>	31.8
CEC	8.7		

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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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COUNTY: **Centre** # of Samples **10**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.2		
P (ppm)	73		
K (ppm)	200	<b>K (% Sat)</b>	4.1
Mg (ppm)	119	<b>Mg (% Sat)</b>	7.0
Ca (ppm)	1,215	<b>Ca (% Sat)</b>	45.0
CEC	12.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3600
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	102
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.1		
P (ppm)	74		
K (ppm)	115	<b>K (% Sat)</b>	3.1
Mg (ppm)	143	<b>Mg (% Sat)</b>	11.3
Ca (ppm)	941	<b>Ca (% Sat)</b>	51.0
CEC	9.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2250
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	68
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.8		
P (ppm)	8		
K (ppm)	94	<b>K (% Sat)</b>	1.7
Mg (ppm)	140	<b>Mg (% Sat)</b>	5.4
Ca (ppm)	1,802	<b>Ca (% Sat)</b>	63.5
CEC	14.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	181
K20 (LB/A)	75
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	4.2		
P (ppm)	16		
K (ppm)	94	K (% Sat)	2.2
Mg (ppm)	47	Mg (% Sat)	3.1
Ca (ppm)	1,248	Ca (% Sat)	46.3
CEC	11.0		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	55
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	2.1		
P (ppm)	118		
K (ppm)	280	K (% Sat)	6.1
Mg (ppm)	143	Mg (% Sat)	8.9
Ca (ppm)	1,602	Ca (% Sat)	66.2
CEC	12.0		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
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>Crawford</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	8.1		
P (ppm)	44		
K (ppm)	90	<b>K (% Sat)</b>	1.8
Mg (ppm)	79	<b>Mg (% Sat)</b>	5.1
Ca (ppm)	764	<b>Ca (% Sat)</b>	29.8
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	120
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.4		
Acidity (meq/100 g)	0.0		
P (ppm)	32		
K (ppm)	184	<b>K (% Sat)</b>	3.9
Mg (ppm)	192	<b>Mg (% Sat)</b>	13.2
Ca (ppm)	2,011	<b>Ca (% Sat)</b>	82.9
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	100
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>Dauphin</b>	<b># of Samples</b>	22
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.9		
P (ppm)	58		
K (ppm)	182	<b>K (% Sat)</b>	4.3
Mg (ppm)	153	<b>Mg (% Sat)</b>	8.6
Ca (ppm)	1,080	<b>Ca (% Sat)</b>	49.7
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	955
N (lb/A)	
P2O5 (LB/A)	105
K20 (LB/A)	50
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	6.9		
P (ppm)	7		
K (ppm)	36	<b>K (% Sat)</b>	0.7
Mg (ppm)	66	<b>Mg (% Sat)</b>	3.9
Ca (ppm)	1,321	<b>Ca (% Sat)</b>	46.7
CEC	14.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	120
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>	3
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.0		
P (ppm)	82		
K (ppm)	108	K (% Sat)	2.8
Mg (ppm)	90	Mg (% Sat)	9.1
Ca (ppm)	1,195	Ca (% Sat)	59.8
CEC	10.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	73
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	108		
K (ppm)	238	K (% Sat)	6.1
Mg (ppm)	122	Mg (% Sat)	6.5
Ca (ppm)	810	Ca (% Sat)	42.2
CEC	9.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2167
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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**COUNTY: Jefferson** **# 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)	55		
K (ppm)	98	K (% Sat)	2.2
Mg (ppm)	135	Mg (% Sat)	9.8
Ca (ppm)	2,025	Ca (% Sat)	88.0
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	40
MGO (LB/a)	0

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**COUNTY: Juniata** **# of Samples** 7

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	59		
K (ppm)	82	K (% Sat)	2.6
Mg (ppm)	151	Mg (% Sat)	15.4
Ca (ppm)	836	Ca (% Sat)	54.5
CEC	7.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	429
N (lb/A)	
P2O5 (LB/A)	110
K20 (LB/A)	105
MGO (LB/a)	0

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

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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	7.2		
Acidity (meq/100 g)	0.0		
P (ppm)	5		
K (ppm)	82	K (% Sat)	2.4
Mg (ppm)	224	Mg (% Sat)	21.0
Ca (ppm)	1,359	Ca (% Sat)	76.6
CEC	8.9		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.5		
P (ppm)	234		
K (ppm)	423	K (% Sat)	8.6
Mg (ppm)	89	Mg (% Sat)	5.9
Ca (ppm)	1,270	Ca (% Sat)	50.1
CEC	12.7		

**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**  
**Tree Fruit Samples**

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**COUNTY: Lehigh** **# of Samples** 9

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	77		
K (ppm)	245	K (% Sat)	4.7
Mg (ppm)	264	Mg (% Sat)	21.0
Ca (ppm)	1,642	Ca (% Sat)	63.1
CEC	13.0		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	119
K20 (LB/A)	135
MGO (LB/a)	0

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**COUNTY: Luzerne** **# of Samples** 7

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	67		
K (ppm)	133	K (% Sat)	3.9
Mg (ppm)	139	Mg (% Sat)	8.6
Ca (ppm)	1,032	Ca (% Sat)	55.7
CEC	9.4		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	714
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	75
MGO (LB/a)	0

**SUMMARY REPORT**  
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**Tree Fruit Samples**

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<b>COUNTY:</b>	<b>Lycoming</b>	<b># of Samples</b>	5
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	37		
K (ppm)	129	K (% Sat)	3.1
Mg (ppm)	178	Mg (% Sat)	22.6
Ca (ppm)	1,470	Ca (% Sat)	57.3
CEC	12.0		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2400
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	68
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.9		
P (ppm)	14		
K (ppm)	196	K (% Sat)	3.6
Mg (ppm)	182	Mg (% Sat)	9.9
Ca (ppm)	1,047	Ca (% Sat)	40.6
CEC	13.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4500
N (lb/A)	
P2O5 (LB/A)	175
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>Mercer</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.2		
P (ppm)	146		
K (ppm)	191	K (% Sat)	3.6
Mg (ppm)	100	Mg (% Sat)	5.8
Ca (ppm)	1,904	Ca (% Sat)	62.1
CEC	13.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Mifflin</b>	<b># of Samples</b>	7
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	31		
K (ppm)	141	K (% Sat)	3.0
Mg (ppm)	152	Mg (% Sat)	8.3
Ca (ppm)	1,373	Ca (% Sat)	55.3
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1714
N (lb/A)	
P2O5 (LB/A)	139
K20 (LB/A)	53
MGO (LB/a)	0



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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.7		
Acidity (meq/100 g)	0.0		
P (ppm)	296		
K (ppm)	246	K (% Sat)	3.2
Mg (ppm)	490	Mg (% Sat)	20.7
Ca (ppm)	9,681	Ca (% Sat)	76.1
CEC	19.7		

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**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	33		
K (ppm)	177	K (% Sat)	4.3
Mg (ppm)	143	Mg (% Sat)	12.3
Ca (ppm)	1,405	Ca (% Sat)	63.0
CEC	11.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	142
K20 (LB/A)	120
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.3		
Acidity (meq/100 g)	0.0		
P (ppm)	115		
K (ppm)	282	<b>K (% Sat)</b>	4.9
Mg (ppm)	71	<b>Mg (% Sat)</b>	4.0
Ca (ppm)	2,690	<b>Ca (% Sat)</b>	91.1
CEC	14.8		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	7.2		
P (ppm)	35		
K (ppm)	208	<b>K (% Sat)</b>	3.8
Mg (ppm)	96	<b>Mg (% Sat)</b>	5.7
Ca (ppm)	1,209	<b>Ca (% Sat)</b>	41.9
CEC	14.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5500
N (lb/A)	
P2O5 (LB/A)	125
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>Philadelphia</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.8		
Acidity (meq/100 g)	0.0		
P (ppm)	108		
K (ppm)	173	K (% Sat)	2.2
Mg (ppm)	612	Mg (% Sat)	24.8
Ca (ppm)	4,995	Ca (% Sat)	73.0
CEC	20.5		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	7.5		
P (ppm)	125		
K (ppm)	127	K (% Sat)	3.0
Mg (ppm)	31	Mg (% Sat)	1.3
Ca (ppm)	380	Ca (% Sat)	21.8
CEC	10.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	120
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>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	8		
K (ppm)	112	K (% Sat)	2.2
Mg (ppm)	177	Mg (% Sat)	11.2
Ca (ppm)	1,494	Ca (% Sat)	56.9
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	200
K20 (LB/A)	80
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	4.5		
P (ppm)	18		
K (ppm)	168	K (% Sat)	3.4
Mg (ppm)	86	Mg (% Sat)	5.6
Ca (ppm)	1,419	Ca (% Sat)	55.7
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
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>Susquehanna</b>	<b># of Samples</b>	3
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	45		
K (ppm)	65	K (% Sat)	1.5
Mg (ppm)	137	Mg (% Sat)	8.8
Ca (ppm)	1,242	Ca (% Sat)	54.2
CEC	11.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2800
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	107
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	5.5		
Acidity (meq/100 g)	5.1		
P (ppm)	20		
K (ppm)	174	K (% Sat)	3.8
Mg (ppm)	76	Mg (% Sat)	5.4
Ca (ppm)	1,119	Ca (% Sat)	47.5
CEC	11.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
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>Union</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	0.0		
P (ppm)	98		
K (ppm)	290	<b>K (% Sat)</b>	7.4
Mg (ppm)	188	<b>Mg (% Sat)</b>	15.6
Ca (ppm)	1,545	<b>Ca (% Sat)</b>	77.0
CEC	10.0		

**SOIL TEST RECOMMENDATIONS**

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

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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	5.4		
Acidity (meq/100 g)	3.9		
P (ppm)	13		
K (ppm)	36	<b>K (% Sat)</b>	1.6
Mg (ppm)	42	<b>Mg (% Sat)</b>	5.9
Ca (ppm)	313	<b>Ca (% Sat)</b>	26.5
CEC	5.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	120
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>Wayne</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	8.1		
P (ppm)	99		
K (ppm)	149	K (% Sat)	3.3
Mg (ppm)	81	Mg (% Sat)	4.4
Ca (ppm)	554	Ca (% Sat)	23.3
CEC	11.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6500
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	150
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Westmoreland</b>	<b># of Samples</b>	5
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.6		
P (ppm)	181		
K (ppm)	640	K (% Sat)	8.0
Mg (ppm)	378	Mg (% Sat)	15.2
Ca (ppm)	1,684	Ca (% Sat)	53.0
CEC	15.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2440
N (lb/A)	
P2O5 (LB/A)	158
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>York</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	38		
K (ppm)	99	K (% Sat)	2.2
Mg (ppm)	306	Mg (% Sat)	21.7
Ca (ppm)	1,232	Ca (% Sat)	52.4
CEC	11.8		

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**SOIL TEST RECOMMENDATIONS**

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