

**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	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	82		
K (ppm)	166	K (% Sat)	3.7
Mg (ppm)	176	Mg (% Sat)	12.5
Ca (ppm)	1,362	Ca (% Sat)	57.3
CEC	11.6		

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**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1782
N (lb/A)	
P2O5 (LB/A)	151
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>Adams</b>	<b># of Samples</b>	14
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.7		
P (ppm)	64		
K (ppm)	111	K (% Sat)	2.6
Mg (ppm)	102	Mg (% Sat)	5.3
Ca (ppm)	1,015	Ca (% Sat)	45.7
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3821
N (lb/A)	
P2O5 (LB/A)	168
K20 (LB/A)	84
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	5.8		
Acidity (meq/100 g)	6.5		
P (ppm)	124		
K (ppm)	325	K (% Sat)	4.7
Mg (ppm)	167	Mg (% Sat)	2.0
Ca (ppm)	1,521	Ca (% Sat)	41.6
CEC	16.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	8250
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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COUNTY: **Beaver** # of Samples **1**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	5		
K (ppm)	98	K (% Sat)	2.7
Mg (ppm)	98	Mg (% Sat)	8.7
Ca (ppm)	878	Ca (% Sat)	46.9
CEC	9.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	80
MGO (LB/a)	0

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COUNTY: **Bedford** # of Samples **44**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.5		
P (ppm)	128		
K (ppm)	237	K (% Sat)	5.2
Mg (ppm)	254	Mg (% Sat)	12.5
Ca (ppm)	1,545	Ca (% Sat)	64.5
CEC	11.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	133
K20 (LB/A)	85
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>	12
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.2		
P (ppm)	78		
K (ppm)	155	K (% Sat)	3.4
Mg (ppm)	212	Mg (% Sat)	12.4
Ca (ppm)	1,317	Ca (% Sat)	55.5
CEC	11.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	583
N (lb/A)	
P2O5 (LB/A)	133
K20 (LB/A)	63
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.8		
Acidity (meq/100 g)	7.5		
P (ppm)	49		
K (ppm)	63	K (% Sat)	1.5
Mg (ppm)	139	Mg (% Sat)	11.3
Ca (ppm)	151	Ca (% Sat)	7.2
CEC	9.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	10200
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	133
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	5.7		
Acidity (meq/100 g)	4.5		
P (ppm)	71		
K (ppm)	185	K (% Sat)	4.1
Mg (ppm)	176	Mg (% Sat)	12.6
Ca (ppm)	1,047	Ca (% Sat)	44.8
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

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

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<b>COUNTY:</b>	<b>Bucks</b>	<b># of Samples</b>	14
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	76		
K (ppm)	156	K (% Sat)	3.8
Mg (ppm)	204	Mg (% Sat)	14.4
Ca (ppm)	1,201	Ca (% Sat)	55.5
CEC	10.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1229
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	66
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	6.6		
Acidity (meq/100 g)	3.2		
P (ppm)	45		
K (ppm)	159	<b>K (% Sat)</b>	2.7
Mg (ppm)	91	<b>Mg (% Sat)</b>	3.5
Ca (ppm)	2,125	<b>Ca (% Sat)</b>	68.5
CEC	15.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	65
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	6.4		
Acidity (meq/100 g)	3.1		
P (ppm)	8		
K (ppm)	88	<b>K (% Sat)</b>	1.8
Mg (ppm)	215	<b>Mg (% Sat)</b>	12.8
Ca (ppm)	1,602	<b>Ca (% Sat)</b>	61.1
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	200
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>Cameron</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.8		
P (ppm)	4		
K (ppm)	46	K (% Sat)	1.1
Mg (ppm)	61	Mg (% Sat)	4.7
Ca (ppm)	1,051	Ca (% Sat)	49.3
CEC	10.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3500
N (lb/A)	
P2O5 (LB/A)	200
K20 (LB/A)	113
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.3		
P (ppm)	98		
K (ppm)	169	K (% Sat)	3.0
Mg (ppm)	274	Mg (% Sat)	26.2
Ca (ppm)	2,193	Ca (% Sat)	78.8
CEC	14.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
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: CENTRE** **# of Samples** 8

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.5		
P (ppm)	81		
K (ppm)	146	K (% Sat)	3.4
Mg (ppm)	119	Mg (% Sat)	4.5
Ca (ppm)	1,417	Ca (% Sat)	63.0
CEC	11.0		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1125
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	77
MGO (LB/a)	0

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**COUNTY: Chester** **# of Samples** 5

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	37		
K (ppm)	118	K (% Sat)	3.3
Mg (ppm)	229	Mg (% Sat)	16.6
Ca (ppm)	749	Ca (% Sat)	41.1
CEC	9.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1600
N (lb/A)	
P2O5 (LB/A)	144
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: **Clarion** # of Samples **1**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.0		
P (ppm)	17		
K (ppm)	89	K (% Sat)	2.1
Mg (ppm)	255	Mg (% Sat)	19.8
Ca (ppm)	1,677	Ca (% Sat)	78.1
CEC	10.7		

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**SOIL TEST RECOMMENDATIONS**

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: **Clinton** # of Samples **2**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.0		
Acidity (meq/100 g)	7.8		
P (ppm)	70		
K (ppm)	99	K (% Sat)	2.6
Mg (ppm)	50	Mg (% Sat)	2.6
Ca (ppm)	318	Ca (% Sat)	16.2
CEC	10.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6500
N (lb/A)	
P2O5 (LB/A)	150
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: Cumberland** **# of Samples** 3

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.2		
P (ppm)	87		
K (ppm)	235	<b>K (% Sat)</b>	4.7
Mg (ppm)	190	<b>Mg (% Sat)</b>	10.7
Ca (ppm)	1,627	<b>Ca (% Sat)</b>	62.9
CEC	12.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	80
MGO (LB/a)	0

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**COUNTY: Dauphin** **# of Samples** 26

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.9		
P (ppm)	56		
K (ppm)	166	<b>K (% Sat)</b>	4.0
Mg (ppm)	126	<b>Mg (% Sat)</b>	8.6
Ca (ppm)	1,464	<b>Ca (% Sat)</b>	68.6
CEC	10.7		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	423
N (lb/A)	
P2O5 (LB/A)	110
K20 (LB/A)	47
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.0		
P (ppm)	65		
K (ppm)	133	<b>K (% Sat)</b>	2.4
Mg (ppm)	131	<b>Mg (% Sat)</b>	5.9
Ca (ppm)	1,265	<b>Ca (% Sat)</b>	44.8
CEC	13.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4667
N (lb/A)	
P2O5 (LB/A)	200
K20 (LB/A)	80
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	6.3		
P (ppm)	9		
K (ppm)	123	<b>K (% Sat)</b>	2.3
Mg (ppm)	283	<b>Mg (% Sat)</b>	17.0
Ca (ppm)	972	<b>Ca (% Sat)</b>	35.1
CEC	13.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5000
N (lb/A)	
P2O5 (LB/A)	200
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>Forest</b>	<b># of Samples</b>	2
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.4		
P (ppm)	80		
K (ppm)	199	K (% Sat)	3.9
Mg (ppm)	201	Mg (% Sat)	9.7
Ca (ppm)	1,443	Ca (% Sat)	56.1
CEC	12.8		

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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

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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)	16		
K (ppm)	97	K (% Sat)	2.8
Mg (ppm)	98	Mg (% Sat)	4.9
Ca (ppm)	750	Ca (% Sat)	42.9
CEC	8.7		

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SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	1833
N (lb/A)	
P2O5 (LB/A)	167
K20 (LB/A)	98
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.0		
P (ppm)	95		
K (ppm)	268	<b>K (% Sat)</b>	4.5
Mg (ppm)	219	<b>Mg (% Sat)</b>	12.0
Ca (ppm)	2,134	<b>Ca (% Sat)</b>	70.3
CEC	15.2		

**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>Indiana</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	8.4		
P (ppm)	256		
K (ppm)	466	<b>K (% Sat)</b>	9.5
Mg (ppm)	97	<b>Mg (% Sat)</b>	8.5
Ca (ppm)	375	<b>Ca (% Sat)</b>	15.1
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6500
N (lb/A)	
P2O5 (LB/A)	200
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>Juniata</b>	<b># of Samples</b>	11
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.6		
P (ppm)	59		
K (ppm)	147	K (% Sat)	3.6
Mg (ppm)	142	Mg (% Sat)	7.7
Ca (ppm)	1,570	Ca (% Sat)	71.3
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	909
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	60
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	2.8		
P (ppm)	67		
K (ppm)	79	K (% Sat)	2.6
Mg (ppm)	64	Mg (% Sat)	6.8
Ca (ppm)	873	Ca (% Sat)	55.2
CEC	7.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
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>Lawrence</b>	<b># of Samples</b>	10
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	141		
K (ppm)	121	K (% Sat)	2.6
Mg (ppm)	148	Mg (% Sat)	5.4
Ca (ppm)	1,531	Ca (% Sat)	59.0
CEC	12.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1800
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	69
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	46		
K (ppm)	108	K (% Sat)	2.8
Mg (ppm)	86	Mg (% Sat)	5.3
Ca (ppm)	1,304	Ca (% Sat)	69.8
CEC	9.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	110
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.7		
P (ppm)	129		
K (ppm)	203	<b>K (% Sat)</b>	3.7
Mg (ppm)	199	<b>Mg (% Sat)</b>	1.8
Ca (ppm)	1,017	<b>Ca (% Sat)</b>	36.8
CEC	13.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	150
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.1		
P (ppm)	164		
K (ppm)	244	<b>K (% Sat)</b>	5.8
Mg (ppm)	96	<b>Mg (% Sat)</b>	5.6
Ca (ppm)	1,638	<b>Ca (% Sat)</b>	61.8
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
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>Lycoming</b>	<b># of Samples</b>	4
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	8.4		
P (ppm)	51		
K (ppm)	124	K (% Sat)	2.4
Mg (ppm)	191	Mg (% Sat)	9.8
Ca (ppm)	991	Ca (% Sat)	33.5
CEC	14.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	7050
N (lb/A)	
P2O5 (LB/A)	188
K20 (LB/A)	90
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>MD-HOWARD</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.0		
P (ppm)	114		
K (ppm)	322	K (% Sat)	4.5
Mg (ppm)	287	Mg (% Sat)	14.6
Ca (ppm)	2,606	Ca (% Sat)	71.9
CEC	18.2		

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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

**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>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	32		
K (ppm)	60	<b>K (% Sat)</b>	1.4
Mg (ppm)	95	<b>Mg (% Sat)</b>	7.3
Ca (ppm)	1,414	<b>Ca (% Sat)</b>	65.4
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

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

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<b>COUNTY:</b>	<b>Monroe</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)	158		
K (ppm)	80	<b>K (% Sat)</b>	1.2
Mg (ppm)	290	<b>Mg (% Sat)</b>	13.7
Ca (ppm)	3,926	<b>Ca (% Sat)</b>	85.1
CEC	17.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
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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**COUNTY: Montgomery** **# of Samples** 2

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	24		
K (ppm)	155	K (% Sat)	3.6
Mg (ppm)	109	Mg (% Sat)	4.6
Ca (ppm)	1,132	Ca (% Sat)	51.7
CEC	10.9		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	138
K20 (LB/A)	150
MGO (LB/a)	0

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

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	0.0		
P (ppm)	110		
K (ppm)	209	K (% Sat)	4.3
Mg (ppm)	136	Mg (% Sat)	9.1
Ca (ppm)	2,159	Ca (% Sat)	86.6
CEC	12.5		

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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)	
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>	4
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	0.9		
P (ppm)	70		
K (ppm)	161	K (% Sat)	3.8
Mg (ppm)	303	Mg (% Sat)	18.7
Ca (ppm)	1,641	Ca (% Sat)	67.3
CEC	12.0		

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SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	50
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Northumberland</b>	<b># of Samples</b>	3
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.6		
P (ppm)	8		
K (ppm)	78	K (% Sat)	2.7
Mg (ppm)	107	Mg (% Sat)	8.8
Ca (ppm)	722	Ca (% Sat)	49.3
CEC	7.3		

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SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	1867
N (lb/A)	
P2O5 (LB/A)	192
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>Perry</b>	<b># of Samples</b>	5
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.5		
P (ppm)	49		
K (ppm)	113	K (% Sat)	2.3
Mg (ppm)	128	Mg (% Sat)	12.8
Ca (ppm)	1,481	Ca (% Sat)	54.1
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2800
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	90
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	319		
K (ppm)	131	K (% Sat)	2.4
Mg (ppm)	271	Mg (% Sat)	16.1
Ca (ppm)	1,853	Ca (% Sat)	65.9
CEC	14.1		

**SOIL TEST RECOMMENDATIONS**

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

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.8		
Acidity (meq/100 g)	9.9		
P (ppm)	7		
K (ppm)	93	<b>K (% Sat)</b>	2.0
Mg (ppm)	57	<b>Mg (% Sat)</b>	4.0
Ca (ppm)	263	<b>Ca (% Sat)</b>	11.0
CEC	11.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	12000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	80
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.0		
Acidity (meq/100 g)	6.9		
P (ppm)	24		
K (ppm)	127	<b>K (% Sat)</b>	2.9
Mg (ppm)	77	<b>Mg (% Sat)</b>	5.7
Ca (ppm)	697	<b>Ca (% Sat)</b>	30.7
CEC	11.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5000
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>Susquehanna</b>	<b># of Samples</b>	3
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.7		
P (ppm)	83		
K (ppm)	125	K (% Sat)	2.4
Mg (ppm)	182	Mg (% Sat)	8.8
Ca (ppm)	1,108	Ca (% Sat)	42.6
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4333
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	60
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	221		
K (ppm)	148	K (% Sat)	3.0
Mg (ppm)	395	Mg (% Sat)	26.4
Ca (ppm)	1,196	Ca (% Sat)	48.0
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	30
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>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.7		
P (ppm)	64		
K (ppm)	76	<b>K (% Sat)</b>	1.5
Mg (ppm)	210	<b>Mg (% Sat)</b>	13.5
Ca (ppm)	1,061	<b>Ca (% Sat)</b>	41.0
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	6.7		
P (ppm)	54		
K (ppm)	156	<b>K (% Sat)</b>	3.0
Mg (ppm)	162	<b>Mg (% Sat)</b>	1.2
Ca (ppm)	890	<b>Ca (% Sat)</b>	32.1
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5333
N (lb/A)	
P2O5 (LB/A)	200
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>York</b>	<b># of Samples</b>	3
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	88		
K (ppm)	244	<b>K (% Sat)</b>	6.2
Mg (ppm)	135	<b>Mg (% Sat)</b>	9.4
Ca (ppm)	968	<b>Ca (% Sat)</b>	47.6
CEC	10.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2467
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	
MGO (LB/a)	0