

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

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**# of Samples**                      152

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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)	3.2		
P (ppm)	72		
K (ppm)	137	K (% Sat)	3.2
Mg (ppm)	153	Mg (% Sat)	11.4
Ca (ppm)	1,277	Ca (% Sat)	54.5
CEC	11.0		

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**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1972
N (lb/A)	
P2O5 (LB/A)	158
K2O (LB/A)	79
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>	18
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.0		
P (ppm)	56		
K (ppm)	131	K (% Sat)	3.6
Mg (ppm)	128	Mg (% Sat)	2.4
Ca (ppm)	985	Ca (% Sat)	52.8
CEC	9.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1444
N (lb/A)	
P2O5 (LB/A)	153
K20 (LB/A)	68
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.4		
P (ppm)	136		
K (ppm)	92	K (% Sat)	2.2
Mg (ppm)	99	Mg (% Sat)	2.5
Ca (ppm)	1,115	Ca (% Sat)	48.0
CEC	11.0		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3667
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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COUNTY: **Beaver** # of Samples **3**

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.7		
P (ppm)	253		
K (ppm)	277	K (% Sat)	6.6
Mg (ppm)	330	Mg (% Sat)	20.9
Ca (ppm)	1,321	Ca (% Sat)	61.5
CEC	10.8		

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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

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COUNTY: **Berks** # of Samples **5**

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.1		
P (ppm)	38		
K (ppm)	89	K (% Sat)	2.2
Mg (ppm)	138	Mg (% Sat)	10.5
Ca (ppm)	944	Ca (% Sat)	38.6
CEC	11.2		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	4080
N (lb/A)	
P2O5 (LB/A)	156
K20 (LB/A)	94
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	7.3		
Acidity (meq/100 g)	0.0		
P (ppm)	200		
K (ppm)	488	K (% Sat)	6.2
Mg (ppm)	461	Mg (% Sat)	19.1
Ca (ppm)	4,422	Ca (% Sat)	74.7
CEC	20.1		

**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>Bradford</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.8		
P (ppm)	65		
K (ppm)	116	K (% Sat)	3.3
Mg (ppm)	164	Mg (% Sat)	14.9
Ca (ppm)	938	Ca (% Sat)	51.2
CEC	9.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
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: Bucks** **# of Samples** 7

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.2		
P (ppm)	83		
K (ppm)	127	K (% Sat)	3.1
Mg (ppm)	173	Mg (% Sat)	15.1
Ca (ppm)	1,281	Ca (% Sat)	61.5
CEC	10.3		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	429
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	118
MGO (LB/a)	0

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**COUNTY: Butler** **# 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)	5.5		
P (ppm)	78		
K (ppm)	190	K (% Sat)	4.0
Mg (ppm)	60	Mg (% Sat)	5.1
Ca (ppm)	600	Ca (% Sat)	30.4
CEC	9.5		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	4333
N (lb/A)	
P2O5 (LB/A)	138
K20 (LB/A)	90
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.4		
P (ppm)	64		
K (ppm)	186	K (% Sat)	3.7
Mg (ppm)	111	Mg (% Sat)	9.3
Ca (ppm)	1,875	Ca (% Sat)	61.1
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1750
N (lb/A)	
P2O5 (LB/A)	169
K20 (LB/A)	120
MGO (LB/a)	0

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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	6.7		
Acidity (meq/100 g)	1.0		
P (ppm)	43		
K (ppm)	99	K (% Sat)	3.1
Mg (ppm)	166	Mg (% Sat)	12.8
Ca (ppm)	1,061	Ca (% Sat)	70.3
CEC	7.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	750
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	90
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.0		
P (ppm)	9		
K (ppm)	71	K (% Sat)	1.6
Mg (ppm)	226	Mg (% Sat)	16.7
Ca (ppm)	1,438	Ca (% Sat)	63.9
CEC	11.3		

**SOIL TEST RECOMMENDATIONS**

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

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<b>COUNTY:</b>	<b>Clearfield</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)	29		
K (ppm)	105	K (% Sat)	3.7
Mg (ppm)	70	Mg (% Sat)	8.0
Ca (ppm)	603	Ca (% Sat)	41.5
CEC	7.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
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>Cumberland</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.1		
P (ppm)	68		
K (ppm)	168	K (% Sat)	3.4
Mg (ppm)	170	Mg (% Sat)	11.3
Ca (ppm)	1,116	Ca (% Sat)	44.5
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	64		
K (ppm)	159	K (% Sat)	3.9
Mg (ppm)	143	Mg (% Sat)	8.8
Ca (ppm)	1,418	Ca (% Sat)	67.2
CEC	10.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	41
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	5.1		
P (ppm)	48		
K (ppm)	131	K (% Sat)	3.3
Mg (ppm)	65	Mg (% Sat)	5.3
Ca (ppm)	854	Ca (% Sat)	41.7
CEC	10.2		

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	14		
K (ppm)	82	K (% Sat)	1.9
Mg (ppm)	215	Mg (% Sat)	3.6
Ca (ppm)	1,417	Ca (% Sat)	63.0
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	156
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>Erie</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	6.6		
P (ppm)	19		
K (ppm)	79	K (% Sat)	2.0
Mg (ppm)	109	Mg (% Sat)	3.1
Ca (ppm)	580	Ca (% Sat)	26.5
CEC	10.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	7400
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	115
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	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	93		
K (ppm)	106	K (% Sat)	2.4
Mg (ppm)	105	Mg (% Sat)	7.6
Ca (ppm)	1,620	Ca (% Sat)	70.8
CEC	11.4		

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	4.9		
P (ppm)	183		
K (ppm)	350	K (% Sat)	7.0
Mg (ppm)	103	Mg (% Sat)	7.2
Ca (ppm)	1,246	Ca (% Sat)	49.2
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	4.9		
P (ppm)	23		
K (ppm)	71	K (% Sat)	2.5
Mg (ppm)	53	Mg (% Sat)	10.0
Ca (ppm)	298	Ca (% Sat)	21.8
CEC	7.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3667
N (lb/A)	
P2O5 (LB/A)	158
K20 (LB/A)	87
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>	5
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.8		
P (ppm)	61		
K (ppm)	244	K (% Sat)	4.1
Mg (ppm)	155	Mg (% Sat)	1.8
Ca (ppm)	1,510	Ca (% Sat)	47.4
CEC	12.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2400
N (lb/A)	
P2O5 (LB/A)	183
K20 (LB/A)	68
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	5.8		
Acidity (meq/100 g)	4.5		
P (ppm)	114		
K (ppm)	117	K (% Sat)	2.7
Mg (ppm)	72	Mg (% Sat)	3.5
Ca (ppm)	954	Ca (% Sat)	44.1
CEC	10.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3750
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>Jefferson</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.5		
Acidity (meq/100 g)	10.5		
P (ppm)	12		
K (ppm)	52	K (% Sat)	1.2
Mg (ppm)	15	Mg (% Sat)	1.1
Ca (ppm)	61	Ca (% Sat)	2.8
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	9000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	150
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.7		
P (ppm)	21		
K (ppm)	136	K (% Sat)	3.8
Mg (ppm)	224	Mg (% Sat)	7.8
Ca (ppm)	1,081	Ca (% Sat)	59.4
CEC	9.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1333
N (lb/A)	
P2O5 (LB/A)	142
K20 (LB/A)	57
MGO (LB/a)	0

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

**COUNTY: Lackawanna**

**# of Samples**

**1**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	5.7		
P (ppm)	71		
K (ppm)	72	K (% Sat)	2.0
Mg (ppm)	43	Mg (% Sat)	3.9
Ca (ppm)	592	Ca (% Sat)	32.2
CEC	9.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	120
MGO (LB/a)	0

**COUNTY: Lebanon**

**# of Samples**

**2**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	2.2		
P (ppm)	21		
K (ppm)	100	K (% Sat)	3.1
Mg (ppm)	102	Mg (% Sat)	9.6
Ca (ppm)	1,056	Ca (% Sat)	60.8
CEC	8.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	55
MGO (LB/a)	0

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

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**COUNTY:      Lehigh** **# of Samples**                      5

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.6		
P (ppm)	63		
K (ppm)	80	K (% Sat)	1.6
Mg (ppm)	229	Mg (% Sat)	14.9
Ca (ppm)	1,936	Ca (% Sat)	77.9
CEC	12.3		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	88
MGO (LB/a)	0

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**COUNTY:      Luzerne** **# of Samples**                      2

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	5.5		
P (ppm)	102		
K (ppm)	161	K (% Sat)	3.1
Mg (ppm)	201	Mg (% Sat)	5.6
Ca (ppm)	1,093	Ca (% Sat)	43.6
CEC	13.0		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	4500
N (lb/A)	
P2O5 (LB/A)	175
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>McKean</b>	<b># of Samples</b>	5
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.2		
P (ppm)	9		
K (ppm)	86	K (% Sat)	1.6
Mg (ppm)	123	Mg (% Sat)	7.7
Ca (ppm)	1,383	Ca (% Sat)	51.9
CEC	13.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	190
K20 (LB/A)	66
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	6.2		
Acidity (meq/100 g)	3.4		
P (ppm)	74		
K (ppm)	126	K (% Sat)	3.2
Mg (ppm)	156	Mg (% Sat)	12.8
Ca (ppm)	1,028	Ca (% Sat)	50.6
CEC	10.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
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>Monroe</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.8		
Acidity (meq/100 g)	8.7		
P (ppm)	14		
K (ppm)	35	K (% Sat)	0.9
Mg (ppm)	19	Mg (% Sat)	1.6
Ca (ppm)	196	Ca (% Sat)	9.9
CEC	9.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	7000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	120
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.3		
P (ppm)	82		
K (ppm)	129	K (% Sat)	2.4
Mg (ppm)	143	Mg (% Sat)	6.3
Ca (ppm)	2,361	Ca (% Sat)	64.0
CEC	14.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1750
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>Northampton</b>	<b># of Samples</b>	3
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.6		
P (ppm)	107		
K (ppm)	91	K (% Sat)	2.3
Mg (ppm)	119	Mg (% Sat)	8.2
Ca (ppm)	963	Ca (% Sat)	47.5
CEC	9.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2667
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	85
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	6.3		
Acidity (meq/100 g)	1.9		
P (ppm)	14		
K (ppm)	73	K (% Sat)	2.4
Mg (ppm)	75	Mg (% Sat)	9.0
Ca (ppm)	1,015	Ca (% Sat)	67.3
CEC	7.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	158
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>Philadelphia</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.6		
Acidity (meq/100 g)	0.0		
P (ppm)	248		
K (ppm)	271	K (% Sat)	3.9
Mg (ppm)	292	Mg (% Sat)	12.6
Ca (ppm)	3,555	Ca (% Sat)	82.7
CEC	18.1		

**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>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	7.2		
P (ppm)	19		
K (ppm)	116	K (% Sat)	2.8
Mg (ppm)	102	Mg (% Sat)	4.7
Ca (ppm)	473	Ca (% Sat)	21.9
CEC	10.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5500
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>Snyder</b>	<b># of Samples</b>	3
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.8		
P (ppm)	49		
K (ppm)	123	K (% Sat)	3.4
Mg (ppm)	74	Mg (% Sat)	8.9
Ca (ppm)	913	Ca (% Sat)	50.5
CEC	9.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1667
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	55
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.2		
P (ppm)	44		
K (ppm)	110	K (% Sat)	2.3
Mg (ppm)	142	Mg (% Sat)	4.4
Ca (ppm)	1,372	Ca (% Sat)	55.5
CEC	12.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2750
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>Tioga</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	61		
K (ppm)	175	K (% Sat)	4.9
Mg (ppm)	102	Mg (% Sat)	4.5
Ca (ppm)	1,223	Ca (% Sat)	62.5
CEC	10.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	200
K20 (LB/A)	80
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	7.7		
P (ppm)	13		
K (ppm)	61	K (% Sat)	1.8
Mg (ppm)	20	Mg (% Sat)	2.0
Ca (ppm)	140	Ca (% Sat)	8.1
CEC	8.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5667
N (lb/A)	
P2O5 (LB/A)	183
K20 (LB/A)	140
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>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	171		
K (ppm)	163	K (% Sat)	3.5
Mg (ppm)	214	Mg (% Sat)	15.5
Ca (ppm)	1,579	Ca (% Sat)	65.3
CEC	12.1		

**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>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)	6.9		
P (ppm)	88		
K (ppm)	111	K (% Sat)	1.7
Mg (ppm)	107	Mg (% Sat)	5.5
Ca (ppm)	1,650	Ca (% Sat)	50.5
CEC	16.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	9000
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>York</b>	<b># of Samples</b>	12
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	135		
K (ppm)	142	K (% Sat)	3.3
Mg (ppm)	301	Mg (% Sat)	11.4
Ca (ppm)	1,610	Ca (% Sat)	62.0
CEC	12.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	958
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	57
MGO (LB/a)	0