

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

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**# of Samples**                      246

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**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	64		
K (ppm)	150	K (% Sat)	3.5
Mg (ppm)	152	Mg (% Sat)	11.7
Ca (ppm)	1,183	Ca (% Sat)	53.0
CEC	11.0		

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**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1893
N (lb/A)	
P2O5 (LB/A)	137
K2O (LB/A)	59
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>	110
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	54		
K (ppm)	152	K (% Sat)	4.1
Mg (ppm)	144	Mg (% Sat)	2.3
Ca (ppm)	1,102	Ca (% Sat)	55.4
CEC	9.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1055
N (lb/A)	
P2O5 (LB/A)	128
K20 (LB/A)	41
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.9		
P (ppm)	64		
K (ppm)	156	K (% Sat)	3.6
Mg (ppm)	98	Mg (% Sat)	7.3
Ca (ppm)	1,208	Ca (% Sat)	54.1
CEC	11.2		

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	7.5		
P (ppm)	42		
K (ppm)	129	K (% Sat)	2.4
Mg (ppm)	115	Mg (% Sat)	8.3
Ca (ppm)	950	Ca (% Sat)	34.5
CEC	13.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5667
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	70
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.0		
P (ppm)	23		
K (ppm)	156	K (% Sat)	3.6
Mg (ppm)	172	Mg (% Sat)	12.8
Ca (ppm)	1,881	Ca (% Sat)	83.7
CEC	11.2		

**SOIL TEST RECOMMENDATIONS**

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

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

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COUNTY: **Berks** # of Samples **4**

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	6.5		
P (ppm)	99		
K (ppm)	241	K (% Sat)	4.6
Mg (ppm)	188	Mg (% Sat)	2.6
Ca (ppm)	984	Ca (% Sat)	38.3
CEC	13.6		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	90
MGO (LB/a)	0

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COUNTY: **Blair** # of Samples **1**

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.0		
P (ppm)	594		
K (ppm)	233	K (% Sat)	3.8
Mg (ppm)	237	Mg (% Sat)	12.6
Ca (ppm)	2,628	Ca (% Sat)	83.6
CEC	15.7		

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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>Bradford</b>	<b># of Samples</b>	6
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.6		
P (ppm)	112		
K (ppm)	191	K (% Sat)	3.5
Mg (ppm)	249	Mg (% Sat)	7.7
Ca (ppm)	2,072	Ca (% Sat)	68.7
CEC	13.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	833
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	70
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Bucks</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)	45		
K (ppm)	127	K (% Sat)	3.4
Mg (ppm)	182	Mg (% Sat)	13.0
Ca (ppm)	831	Ca (% Sat)	43.8
CEC	9.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1333
N (lb/A)	
P2O5 (LB/A)	125
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>Butler</b>	<b># of Samples</b>	3
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.1		
P (ppm)	40		
K (ppm)	149	K (% Sat)	3.3
Mg (ppm)	174	Mg (% Sat)	11.8
Ca (ppm)	1,289	Ca (% Sat)	57.3
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	70
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Carbon</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)	125		
K (ppm)	175	K (% Sat)	3.4
Mg (ppm)	183	Mg (% Sat)	8.5
Ca (ppm)	1,496	Ca (% Sat)	53.5
CEC	13.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
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>Centre</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)	11		
K (ppm)	168	K (% Sat)	3.6
Mg (ppm)	305	Mg (% Sat)	21.0
Ca (ppm)	1,262	Ca (% Sat)	52.2
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.0		
P (ppm)	37		
K (ppm)	176	K (% Sat)	4.2
Mg (ppm)	118	Mg (% Sat)	7.0
Ca (ppm)	678	Ca (% Sat)	31.5
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4500
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>Clearfield</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	6.3		
P (ppm)	291		
K (ppm)	446	K (% Sat)	7.2
Mg (ppm)	236	Mg (% Sat)	12.5
Ca (ppm)	1,274	Ca (% Sat)	40.4
CEC	15.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	7500
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.8		
P (ppm)	31		
K (ppm)	50	K (% Sat)	1.2
Mg (ppm)	181	Mg (% Sat)	14.1
Ca (ppm)	1,342	Ca (% Sat)	67.1
CEC	10.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	133
K20 (LB/A)	97
MGO (LB/a)	0



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

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<b>COUNTY:</b>	<b>Crawford</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)	37		
K (ppm)	104	K (% Sat)	2.5
Mg (ppm)	99	Mg (% Sat)	6.9
Ca (ppm)	678	Ca (% Sat)	29.4
CEC	11.7		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	7250
N (lb/A)	
P2O5 (LB/A)	150
K2O (LB/A)	70
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Cumberland</b>	<b># of Samples</b>	11
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.5		
P (ppm)	33		
K (ppm)	171	K (% Sat)	3.7
Mg (ppm)	138	Mg (% Sat)	8.7
Ca (ppm)	1,351	Ca (% Sat)	58.3
CEC	11.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1636
N (lb/A)	
P2O5 (LB/A)	140
K2O (LB/A)	55
MGO (LB/a)	0

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

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**COUNTY:      Dauphin** **# of Samples**                      25

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.1		
P (ppm)	76		
K (ppm)	138	<b>K (% Sat)</b>	3.0
Mg (ppm)	165	<b>Mg (% Sat)</b>	4.8
Ca (ppm)	1,314	<b>Ca (% Sat)</b>	53.5
CEC	12.4		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	2080
N (lb/A)	
P2O5 (LB/A)	121
K20 (LB/A)	54
MGO (LB/a)	0

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

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	5.4		
P (ppm)	22		
K (ppm)	108	<b>K (% Sat)</b>	2.0
Mg (ppm)	74	<b>Mg (% Sat)</b>	5.6
Ca (ppm)	1,490	<b>Ca (% Sat)</b>	54.8
CEC	13.7		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	3500
N (lb/A)	
P2O5 (LB/A)	138
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>Fayette</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	70		
K (ppm)	391	K (% Sat)	7.7
Mg (ppm)	216	Mg (% Sat)	13.9
Ca (ppm)	1,352	Ca (% Sat)	52.2
CEC	13.0		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	71		
K (ppm)	90	K (% Sat)	2.5
Mg (ppm)	64	Mg (% Sat)	6.4
Ca (ppm)	962	Ca (% Sat)	52.1
CEC	9.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	70
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.8		
P (ppm)	78		
K (ppm)	117	K (% Sat)	2.9
Mg (ppm)	144	Mg (% Sat)	10.3
Ca (ppm)	1,140	Ca (% Sat)	50.7
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1667
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	105
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Fulton</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)	91		
K (ppm)	91	K (% Sat)	2.6
Mg (ppm)	76	Mg (% Sat)	7.0
Ca (ppm)	736	Ca (% Sat)	40.7
CEC	9.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5400
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>Indiana</b>	<b># of Samples</b>	3
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	8.5		
P (ppm)	22		
K (ppm)	120	K (% Sat)	2.6
Mg (ppm)	73	Mg (% Sat)	3.5
Ca (ppm)	516	Ca (% Sat)	23.7
CEC	12.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6667
N (lb/A)	
P2O5 (LB/A)	142
K20 (LB/A)	73
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	85		
K (ppm)	113	K (% Sat)	2.8
Mg (ppm)	100	Mg (% Sat)	11.3
Ca (ppm)	1,353	Ca (% Sat)	65.7
CEC	10.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	163
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>Lawrence</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)	303		
K (ppm)	203	K (% Sat)	3.5
Mg (ppm)	235	Mg (% Sat)	13.1
Ca (ppm)	2,495	Ca (% Sat)	83.4
CEC	15.0		

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.5		
P (ppm)	36		
K (ppm)	132	K (% Sat)	3.1
Mg (ppm)	182	Mg (% Sat)	14.1
Ca (ppm)	711	Ca (% Sat)	32.6
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4667
N (lb/A)	
P2O5 (LB/A)	175
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>Luzerne</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	7.2		
P (ppm)	31		
K (ppm)	117	K (% Sat)	2.8
Mg (ppm)	138	Mg (% Sat)	3.3
Ca (ppm)	521	Ca (% Sat)	24.8
CEC	11.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4500
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	70
MGO (LB/a)	0

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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	5.7		
Acidity (meq/100 g)	5.0		
P (ppm)	68		
K (ppm)	179	K (% Sat)	4.2
Mg (ppm)	88	Mg (% Sat)	5.0
Ca (ppm)	916	Ca (% Sat)	43.1
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4200
N (lb/A)	
P2O5 (LB/A)	175
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>Mercer</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)	60		
K (ppm)	84	K (% Sat)	1.7
Mg (ppm)	103	Mg (% Sat)	6.8
Ca (ppm)	1,286	Ca (% Sat)	51.0
CEC	12.6		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.4		
P (ppm)	29		
K (ppm)	201	K (% Sat)	4.0
Mg (ppm)	146	Mg (% Sat)	9.3
Ca (ppm)	1,578	Ca (% Sat)	60.6
CEC	13.0		

**SOIL TEST RECOMMENDATIONS**

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.0		
P (ppm)	199		
K (ppm)	101	K (% Sat)	2.1
Mg (ppm)	145	Mg (% Sat)	9.7
Ca (ppm)	1,802	Ca (% Sat)	72.2
CEC	12.5		

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	5.1		
P (ppm)	39		
K (ppm)	162	K (% Sat)	4.4
Mg (ppm)	143	Mg (% Sat)	14.8
Ca (ppm)	574	Ca (% Sat)	30.0
CEC	9.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3500
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: **Northumberland** # of Samples **6**

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.1		
P (ppm)	9		
K (ppm)	50	K (% Sat)	1.7
Mg (ppm)	119	Mg (% Sat)	10.6
Ca (ppm)	644	Ca (% Sat)	43.6
CEC	7.5		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	2700
N (lb/A)	
P2O5 (LB/A)	171
K20 (LB/A)	107
MGO (LB/a)	0

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COUNTY: **Schuylkill** # of Samples **1**

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	4.8		
Acidity (meq/100 g)	9.9		
P (ppm)	160		
K (ppm)	60	K (% Sat)	1.4
Mg (ppm)	16	Mg (% Sat)	1.2
Ca (ppm)	125	Ca (% Sat)	5.8
CEC	10.8		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	8000
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>Snyder</b>	<b># of Samples</b>	4
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.0		
P (ppm)	114		
K (ppm)	215	K (% Sat)	4.0
Mg (ppm)	175	Mg (% Sat)	10.3
Ca (ppm)	1,965	Ca (% Sat)	73.4
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	750
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	50
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	5.9		
Acidity (meq/100 g)	5.8		
P (ppm)	36		
K (ppm)	126	K (% Sat)	2.4
Mg (ppm)	202	Mg (% Sat)	12.2
Ca (ppm)	1,270	Ca (% Sat)	42.9
CEC	14.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	83
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>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.9		
P (ppm)	58		
K (ppm)	197	K (% Sat)	2.9
Mg (ppm)	303	Mg (% Sat)	14.7
Ca (ppm)	2,048	Ca (% Sat)	59.6
CEC	17.2		

**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>Union</b>	<b># of Samples</b>	3
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.3		
P (ppm)	162		
K (ppm)	239	K (% Sat)	5.0
Mg (ppm)	144	Mg (% Sat)	5.8
Ca (ppm)	1,229	Ca (% Sat)	46.0
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.0		
P (ppm)	34		
K (ppm)	79	<b>K (% Sat)</b>	1.8
Mg (ppm)	100	<b>Mg (% Sat)</b>	7.3
Ca (ppm)	2,069	<b>Ca (% Sat)</b>	90.9
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	100
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	5.6		
Acidity (meq/100 g)	6.0		
P (ppm)	22		
K (ppm)	82	<b>K (% Sat)</b>	1.4
Mg (ppm)	220	<b>Mg (% Sat)</b>	10.9
Ca (ppm)	1,499	<b>Ca (% Sat)</b>	48.5
CEC	15.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4500
N (lb/A)	
P2O5 (LB/A)	169
K20 (LB/A)	110
MGO (LB/a)	0

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

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**COUNTY: Washington** **# of Samples** 4

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	122		
K (ppm)	191	K (% Sat)	3.7
Mg (ppm)	285	Mg (% Sat)	15.8
Ca (ppm)	1,633	Ca (% Sat)	63.4
CEC	13.0		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	40
MGO (LB/a)	0

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**COUNTY: Wayne** **# of Samples** 2

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.2		
P (ppm)	47		
K (ppm)	57	K (% Sat)	1.7
Mg (ppm)	71	Mg (% Sat)	3.8
Ca (ppm)	627	Ca (% Sat)	37.1
CEC	9.0		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	4500
N (lb/A)	
P2O5 (LB/A)	150
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>Westmoreland</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	8		
K (ppm)	272	K (% Sat)	4.2
Mg (ppm)	265	Mg (% Sat)	13.2
Ca (ppm)	2,314	Ca (% Sat)	69.4
CEC	16.7		

**SOIL TEST RECOMMENDATIONS**

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

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<b>COUNTY:</b>	<b>York</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)	14		
K (ppm)	117	K (% Sat)	2.5
Mg (ppm)	107	Mg (% Sat)	2.6
Ca (ppm)	672	Ca (% Sat)	26.1
CEC	11.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5500
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	80
MGO (LB/a)	0