

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

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**# of Samples**                      171

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**SOIL TEST RESULTS**

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<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.2		
Acidity (meq/100 g)	3.8		
P (ppm)	74		
K (ppm)	143	K (% Sat)	3.0
Mg (ppm)	163	Mg (% Sat)	10.3
Ca (ppm)	1,657	Ca (% Sat)	54.4
CEC	12.8		

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**SOIL TEST RECOMMENDATIONS**

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<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2532
N (lb/A)	
P2O5 (LB/A)	150
K2O (LB/A)	82
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>	16
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.0		
P (ppm)	76		
K (ppm)	109	<b>K (% Sat)</b>	3.1
Mg (ppm)	101	<b>Mg (% Sat)</b>	5.5
Ca (ppm)	861	<b>Ca (% Sat)</b>	47.2
CEC	9.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2750
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	72
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Allegheny</b>	<b># of Samples</b>	22
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	3.4		
P (ppm)	44		
K (ppm)	111	<b>K (% Sat)</b>	1.9
Mg (ppm)	205	<b>Mg (% Sat)</b>	5.3
Ca (ppm)	2,959	<b>Ca (% Sat)</b>	62.2
CEC	15.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2545
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**

**COUNTY: Armstrong** **# of Samples** 2

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.8		
P (ppm)	12		
K (ppm)	138	<b>K (% Sat)</b>	3.3
Mg (ppm)	176	<b>Mg (% Sat)</b>	13.7
Ca (ppm)	971	<b>Ca (% Sat)</b>	40.9
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3500
N (lb/A)	
P2O5 (LB/A)	163
K2O (LB/A)	55
MGO (LB/a)	0

**COUNTY: Beaver** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.0		
P (ppm)	98		
K (ppm)	309	<b>K (% Sat)</b>	5.5
Mg (ppm)	192	<b>Mg (% Sat)</b>	11.2
Ca (ppm)	2,381	<b>Ca (% Sat)</b>	83.3
CEC	14.3		

**SOIL TEST RECOMMENDATIONS**

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

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

**COUNTY: Bedford** **# of Samples** 3

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	3.4		
P (ppm)	110		
K (ppm)	227	K (% Sat)	4.7
Mg (ppm)	281	Mg (% Sat)	11.6
Ca (ppm)	1,392	Ca (% Sat)	54.0
CEC	13.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	120
MGO (LB/a)	0

**COUNTY: Berks** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.1		
P (ppm)	62		
K (ppm)	204	K (% Sat)	4.6
Mg (ppm)	111	Mg (% Sat)	8.1
Ca (ppm)	984	Ca (% Sat)	42.9
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
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: Blair** **# of Samples** 2

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.1		
P (ppm)	532		
K (ppm)	219	K (% Sat)	3.1
Mg (ppm)	362	Mg (% Sat)	17.0
Ca (ppm)	3,774	Ca (% Sat)	74.6
CEC	18.4		

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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: Bradford** **# of Samples** 7

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.4		
P (ppm)	30		
K (ppm)	94	K (% Sat)	1.8
Mg (ppm)	133	Mg (% Sat)	6.4
Ca (ppm)	1,336	Ca (% Sat)	49.0
CEC	13.5		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
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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**COUNTY: Bucks** **# of Samples** 2

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	6		
K (ppm)	36	K (% Sat)	0.8
Mg (ppm)	281	Mg (% Sat)	21.2
Ca (ppm)	1,277	Ca (% Sat)	56.5
CEC	11.3		

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**SOIL TEST RECOMMENDATIONS**

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

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**COUNTY: Butler** **# of Samples** 5

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	7.0		
P (ppm)	18		
K (ppm)	89	K (% Sat)	1.9
Mg (ppm)	95	Mg (% Sat)	6.8
Ca (ppm)	1,010	Ca (% Sat)	38.0
CEC	13.1		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	5600
N (lb/A)	
P2O5 (LB/A)	160
K20 (LB/A)	92
MGO (LB/a)	0

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

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**COUNTY: Cambria** **# of Samples** 9

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.6		
P (ppm)	183		
K (ppm)	177	K (% Sat)	2.6
Mg (ppm)	234	Mg (% Sat)	4.7
Ca (ppm)	2,137	Ca (% Sat)	54.9
CEC	17.7		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	4222
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	75
MGO (LB/a)	0

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**COUNTY: Centre** **# of Samples** 5

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.7		
P (ppm)	69		
K (ppm)	148	K (% Sat)	3.1
Mg (ppm)	105	Mg (% Sat)	3.7
Ca (ppm)	1,809	Ca (% Sat)	72.4
CEC	11.5		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	138
K20 (LB/A)	100
MGO (LB/a)	0

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

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**COUNTY: Chester** **# 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)	129		
K (ppm)	160	K (% Sat)	3.1
Mg (ppm)	482	Mg (% Sat)	13.7
Ca (ppm)	3,384	Ca (% Sat)	56.9
CEC	16.1		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	1250
N (lb/A)	
P2O5 (LB/A)	200
K20 (LB/A)	70
MGO (LB/a)	0

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**COUNTY: Crawford** **# of Samples** 3

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	7.3		
P (ppm)	92		
K (ppm)	88	K (% Sat)	2.1
Mg (ppm)	58	Mg (% Sat)	3.0
Ca (ppm)	499	Ca (% Sat)	23.7
CEC	10.5		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	5333
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>Cumberland</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.6		
Acidity (meq/100 g)	0.0		
P (ppm)	16		
K (ppm)	164	<b>K (% Sat)</b>	3.3
Mg (ppm)	214	<b>Mg (% Sat)</b>	13.9
Ca (ppm)	2,130	<b>Ca (% Sat)</b>	82.9
CEC	12.9		

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**SOIL TEST RECOMMENDATIONS**

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

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<b>COUNTY:</b>	<b>Dauphin</b>	<b># of Samples</b>	17
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	75		
K (ppm)	250	<b>K (% Sat)</b>	5.5
Mg (ppm)	135	<b>Mg (% Sat)</b>	8.2
Ca (ppm)	1,337	<b>Ca (% Sat)</b>	57.2
CEC	11.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1353
N (lb/A)	
P2O5 (LB/A)	121
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: **Delaware** # 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)	83		
K (ppm)	186	K (% Sat)	2.9
Mg (ppm)	270	Mg (% Sat)	13.9
Ca (ppm)	2,695	Ca (% Sat)	83.2
CEC	16.2		

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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: **Eik** # of Samples **8**

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.1		
P (ppm)	34		
K (ppm)	98	K (% Sat)	2.2
Mg (ppm)	135	Mg (% Sat)	12.4
Ca (ppm)	1,260	Ca (% Sat)	52.2
CEC	11.8		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	2750
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	79
MGO (LB/a)	0

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

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**COUNTY:      FAYETTE** **# of Samples**                      1

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	4.5		
P (ppm)	19		
K (ppm)	73	K (% Sat)	2.0
Mg (ppm)	85	Mg (% Sat)	7.6
Ca (ppm)	794	Ca (% Sat)	42.4
CEC	9.4		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	5400
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	120
MGO (LB/a)	0

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**COUNTY:      Forest** **# of Samples**                      2

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.5		
P (ppm)	136		
K (ppm)	283	K (% Sat)	6.6
Mg (ppm)	92	Mg (% Sat)	7.8
Ca (ppm)	949	Ca (% Sat)	44.3
CEC	10.7		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	3500
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>Franklin</b>	<b># of Samples</b>	5
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	29		
K (ppm)	133	K (% Sat)	3.0
Mg (ppm)	143	Mg (% Sat)	10.3
Ca (ppm)	1,231	Ca (% Sat)	54.2
CEC	11.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1800
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	53
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	53		
K (ppm)	94	K (% Sat)	2.1
Mg (ppm)	73	Mg (% Sat)	2.7
Ca (ppm)	1,478	Ca (% Sat)	64.1
CEC	11.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	63
MGO (LB/a)	0

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

**COUNTY: Indiana** **# of Samples** 2

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.0		
P (ppm)	80		
K (ppm)	208	K (% Sat)	3.6
Mg (ppm)	313	Mg (% Sat)	17.3
Ca (ppm)	2,215	Ca (% Sat)	70.5
CEC	15.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	
MGO (LB/a)	0

**COUNTY: Jefferson** **# of Samples** 2

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	7.8		
P (ppm)	141		
K (ppm)	105	K (% Sat)	2.3
Mg (ppm)	78	Mg (% Sat)	5.7
Ca (ppm)	717	Ca (% Sat)	29.0
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
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: Lancaster** **# 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)	90		
K (ppm)	433	K (% Sat)	9.8
Mg (ppm)	209	Mg (% Sat)	15.4
Ca (ppm)	1,695	Ca (% Sat)	74.8
CEC	11.3		

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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: Lawrence** **# of Samples** 2

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.7		
P (ppm)	60		
K (ppm)	74	K (% Sat)	1.5
Mg (ppm)	152	Mg (% Sat)	3.3
Ca (ppm)	1,389	Ca (% Sat)	48.3
CEC	13.1		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
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: Lehigh** **# of Samples** 5

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.5		
P (ppm)	92		
K (ppm)	189	K (% Sat)	2.8
Mg (ppm)	184	Mg (% Sat)	9.1
Ca (ppm)	2,313	Ca (% Sat)	69.2
CEC	17.1		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	1200
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	30
MGO (LB/a)	0

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**COUNTY: Luzerne** **# of Samples** 1

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	49		
K (ppm)	167	K (% Sat)	4.0
Mg (ppm)	115	Mg (% Sat)	9.0
Ca (ppm)	1,164	Ca (% Sat)	54.9
CEC	10.6		

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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)	
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>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	6.9		
P (ppm)	11		
K (ppm)	32	<b>K (% Sat)</b>	0.9
Mg (ppm)	67	<b>Mg (% Sat)</b>	6.1
Ca (ppm)	312	<b>Ca (% Sat)</b>	17.2
CEC	9.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	120
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>McKean</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)	29		
K (ppm)	98	<b>K (% Sat)</b>	1.7
Mg (ppm)	250	<b>Mg (% Sat)</b>	13.7
Ca (ppm)	2,018	<b>Ca (% Sat)</b>	66.3
CEC	15.2		

**SOIL TEST RECOMMENDATIONS**

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

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	5.7		
P (ppm)	10		
K (ppm)	41	K (% Sat)	1.5
Mg (ppm)	57	Mg (% Sat)	4.3
Ca (ppm)	267	Ca (% Sat)	18.0
CEC	7.6		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	148
K20 (LB/A)	90
MGO (LB/a)	0

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**COUNTY: Monroe** **# of Samples** 4

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	6.3		
P (ppm)	29		
K (ppm)	50	K (% Sat)	1.5
Mg (ppm)	46	Mg (% Sat)	4.0
Ca (ppm)	360	Ca (% Sat)	22.1
CEC	8.6		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	4500
N (lb/A)	
P2O5 (LB/A)	200
K20 (LB/A)	124
MGO (LB/a)	0

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

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.8		
P (ppm)	49		
K (ppm)	195	K (% Sat)	5.4
Mg (ppm)	155	Mg (% Sat)	13.9
Ca (ppm)	943	Ca (% Sat)	50.7
CEC	9.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	
MGO (LB/a)	0

**COUNTY: Northampton** **# of Samples** 4

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	109		
K (ppm)	132	K (% Sat)	3.7
Mg (ppm)	180	Mg (% Sat)	9.3
Ca (ppm)	1,562	Ca (% Sat)	52.1
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	1.4		
P (ppm)	120		
K (ppm)	177	K (% Sat)	2.6
Mg (ppm)	345	Mg (% Sat)	13.5
Ca (ppm)	3,011	Ca (% Sat)	69.9
CEC	16.4		

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	7.5		
P (ppm)	37		
K (ppm)	39	K (% Sat)	1.1
Mg (ppm)	36	Mg (% Sat)	3.3
Ca (ppm)	211	Ca (% Sat)	11.8
CEC	9.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
N (lb/A)	
P2O5 (LB/A)	100
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>Potter</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	32		
K (ppm)	168	K (% Sat)	3.9
Mg (ppm)	151	Mg (% Sat)	11.5
Ca (ppm)	1,445	Ca (% Sat)	66.2
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

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

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<b>COUNTY:</b>	<b>Susquehanna</b>	<b># of Samples</b>	8
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.3		
P (ppm)	116		
K (ppm)	173	K (% Sat)	3.2
Mg (ppm)	162	Mg (% Sat)	3.3
Ca (ppm)	1,591	Ca (% Sat)	56.0
CEC	14.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2125
N (lb/A)	
P2O5 (LB/A)	120
K20 (LB/A)	67
MGO (LB/a)	0

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

COUNTY: **Venango** # of Samples **1**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.0		
P (ppm)	153		
K (ppm)	32	K (% Sat)	0.5
Mg (ppm)	160	Mg (% Sat)	8.9
Ca (ppm)	2,728	Ca (% Sat)	90.6
CEC	15.1		

**SOIL TEST RECOMMENDATIONS**

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

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.8		
P (ppm)	19		
K (ppm)	90	K (% Sat)	1.6
Mg (ppm)	149	Mg (% Sat)	5.4
Ca (ppm)	1,558	Ca (% Sat)	52.4
CEC	14.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4125
N (lb/A)	
P2O5 (LB/A)	169
K20 (LB/A)	93
MGO (LB/a)	0

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

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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	5.9		
Acidity (meq/100 g)	5.4		
P (ppm)	13		
K (ppm)	81	K (% Sat)	1.5
Mg (ppm)	63	Mg (% Sat)	3.6
Ca (ppm)	1,740	Ca (% Sat)	56.1
CEC	14.8		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	188
K20 (LB/A)	115
MGO (LB/a)	0

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**COUNTY: York** **# of Samples** 6

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.8		
P (ppm)	47		
K (ppm)	180	K (% Sat)	4.4
Mg (ppm)	147	Mg (% Sat)	7.5
Ca (ppm)	1,466	Ca (% Sat)	67.1
CEC	10.8		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	156
K20 (LB/A)	73
MGO (LB/a)	0