

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

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**# of Samples**                      180

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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)	81		
K (ppm)	164	K (% Sat)	3.5
Mg (ppm)	163	Mg (% Sat)	11.6
Ca (ppm)	1,283	Ca (% Sat)	53.9
CEC	11.5		

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**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	2116
N (lb/A)	
P2O5 (LB/A)	141
K2O (LB/A)	69
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>	32
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.8		
P (ppm)	75		
K (ppm)	151	<b>K (% Sat)</b>	3.4
Mg (ppm)	152	<b>Mg (% Sat)</b>	6.6
Ca (ppm)	1,226	<b>Ca (% Sat)</b>	52.9
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2516
N (lb/A)	
P2O5 (LB/A)	143
K20 (LB/A)	67
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	136		
K (ppm)	133	<b>K (% Sat)</b>	2.6
Mg (ppm)	188	<b>Mg (% Sat)</b>	4.3
Ca (ppm)	1,649	<b>Ca (% Sat)</b>	56.9
CEC	13.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
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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**COUNTY:     **Armstrong**** **# of Samples**                    1

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	6.3		
P (ppm)	94		
K (ppm)	141	<b>K (% Sat)</b>	1.7
Mg (ppm)	489	<b>Mg (% Sat)</b>	18.9
Ca (ppm)	2,175	<b>Ca (% Sat)</b>	50.3
CEC	21.6		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	5000
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	80
MGO (LB/a)	0

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**COUNTY:     **Bedford**** **# of Samples**                    9

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.1		
P (ppm)	139		
K (ppm)	231	<b>K (% Sat)</b>	4.8
Mg (ppm)	191	<b>Mg (% Sat)</b>	7.5
Ca (ppm)	1,911	<b>Ca (% Sat)</b>	65.4
CEC	13.0		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	2356
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	65
MGO (LB/a)	0

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

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**COUNTY: Berks** **# of Samples** 8

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.1		
P (ppm)	85		
K (ppm)	165	K (% Sat)	3.7
Mg (ppm)	175	Mg (% Sat)	2.1
Ca (ppm)	1,082	Ca (% Sat)	46.9
CEC	11.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	106
MGO (LB/a)	0

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

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	4.9		
Acidity (meq/100 g)	9.3		
P (ppm)	18		
K (ppm)	45	K (% Sat)	1.0
Mg (ppm)	38	Mg (% Sat)	2.7
Ca (ppm)	387	Ca (% Sat)	16.6
CEC	11.7		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	8000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	150
MGO (LB/a)	0

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

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**COUNTY:      Bradford** **# of Samples**                      3

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.5		
P (ppm)	181		
K (ppm)	196	<b>K (% Sat)</b>	4.8
Mg (ppm)	157	<b>Mg (% Sat)</b>	11.7
Ca (ppm)	855	<b>Ca (% Sat)</b>	40.8
CEC	10.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	175
K2O (LB/A)	60
MGO (LB/a)	0

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**COUNTY:      Bucks** **# of Samples**                      8

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.4		
P (ppm)	59		
K (ppm)	117	<b>K (% Sat)</b>	2.9
Mg (ppm)	180	<b>Mg (% Sat)</b>	10.6
Ca (ppm)	870	<b>Ca (% Sat)</b>	41.2
CEC	10.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2350
N (lb/A)	
P2O5 (LB/A)	150
K2O (LB/A)	86
MGO (LB/a)	0

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

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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	6.9		
Acidity (meq/100 g)	0.9		
P (ppm)	49		
K (ppm)	166	K (% Sat)	3.2
Mg (ppm)	232	Mg (% Sat)	13.9
Ca (ppm)	3,035	Ca (% Sat)	73.1
CEC	14.0		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	667
N (lb/A)	
P2O5 (LB/A)	163
K2O (LB/A)	60
MGO (LB/a)	0

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**COUNTY:     Centre** **# of Samples**                   3

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.0		
P (ppm)	20		
K (ppm)	128	K (% Sat)	3.3
Mg (ppm)	119	Mg (% Sat)	13.9
Ca (ppm)	1,128	Ca (% Sat)	56.5
CEC	10.0		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	667
N (lb/A)	
P2O5 (LB/A)	142
K2O (LB/A)	47
MGO (LB/a)	0

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

**COUNTY: Chester** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.7		
P (ppm)	69		
K (ppm)	152	K (% Sat)	4.0
Mg (ppm)	115	Mg (% Sat)	9.9
Ca (ppm)	535	Ca (% Sat)	27.5
CEC	9.7		

**SOIL TEST RECOMMENDATIONS**

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

**COUNTY: Clearfield** **# of Samples** 3

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	6.0		
P (ppm)	17		
K (ppm)	80	K (% Sat)	1.8
Mg (ppm)	134	Mg (% Sat)	2.5
Ca (ppm)	842	Ca (% Sat)	38.0
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4333
N (lb/A)	
P2O5 (LB/A)	183
K20 (LB/A)	92
MGO (LB/a)	0

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

**COUNTY: Columbia** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	109		
K (ppm)	114	K (% Sat)	2.6
Mg (ppm)	136	Mg (% Sat)	10.3
Ca (ppm)	1,244	Ca (% Sat)	56.3
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

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

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	6.7		
P (ppm)	69		
K (ppm)	197	K (% Sat)	5.4
Mg (ppm)	61	Mg (% Sat)	5.0
Ca (ppm)	336	Ca (% Sat)	17.1
CEC	9.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6167
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	58
MGO (LB/a)	0



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

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**COUNTY: Cumberland** **# of Samples** 1

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.2		
P (ppm)	30		
K (ppm)	338	<b>K (% Sat)</b>	6.4
Mg (ppm)	265	<b>Mg (% Sat)</b>	16.4
Ca (ppm)	1,638	<b>Ca (% Sat)</b>	60.8
CEC	13.5		

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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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**COUNTY: Dauphin** **# of Samples** 21

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	85		
K (ppm)	136	<b>K (% Sat)</b>	3.3
Mg (ppm)	152	<b>Mg (% Sat)</b>	7.8
Ca (ppm)	1,296	<b>Ca (% Sat)</b>	62.0
CEC	10.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	810
N (lb/A)	
P2O5 (LB/A)	114
K20 (LB/A)	48
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	6.3		
Acidity (meq/100 g)	4.1		
P (ppm)	65		
K (ppm)	153	<b>K (% Sat)</b>	4.5
Mg (ppm)	118	<b>Mg (% Sat)</b>	5.5
Ca (ppm)	883	<b>Ca (% Sat)</b>	50.3
CEC	9.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	60
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	6.1		
Acidity (meq/100 g)	3.7		
P (ppm)	55		
K (ppm)	76	<b>K (% Sat)</b>	1.9
Mg (ppm)	117	<b>Mg (% Sat)</b>	4.7
Ca (ppm)	1,128	<b>Ca (% Sat)</b>	54.0
CEC	10.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	80
MGO (LB/a)	0

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

**COUNTY: Franklin** **# of Samples** 3

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.0		
P (ppm)	36		
K (ppm)	102	K (% Sat)	2.7
Mg (ppm)	183	Mg (% Sat)	23.8
Ca (ppm)	1,671	Ca (% Sat)	80.5
CEC	10.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	117
K20 (LB/A)	57
MGO (LB/a)	0

**COUNTY: Indiana** **# of Samples** 3

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.3		
P (ppm)	53		
K (ppm)	119	K (% Sat)	2.0
Mg (ppm)	291	Mg (% Sat)	15.2
Ca (ppm)	2,240	Ca (% Sat)	73.4
CEC	15.3		

**SOIL TEST RECOMMENDATIONS**

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

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

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**COUNTY: Jefferson** **# of Samples** 1

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.0		
Acidity (meq/100 g)	7.5		
P (ppm)	33		
K (ppm)	171	<b>K (% Sat)</b>	3.9
Mg (ppm)	71	<b>Mg (% Sat)</b>	5.3
Ca (ppm)	515	<b>Ca (% Sat)</b>	23.2
CEC	11.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	
MGO (LB/a)	0

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**COUNTY: Juniata** **# of Samples** 3

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	108		
K (ppm)	90	<b>K (% Sat)</b>	2.6
Mg (ppm)	119	<b>Mg (% Sat)</b>	9.9
Ca (ppm)	1,203	<b>Ca (% Sat)</b>	65.0
CEC	9.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	53
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**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.0		
Acidity (meq/100 g)	8.7		
P (ppm)	8		
K (ppm)	97	<b>K (% Sat)</b>	2.2
Mg (ppm)	76	<b>Mg (% Sat)</b>	5.6
Ca (ppm)	353	<b>Ca (% Sat)</b>	15.6
CEC	11.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	7000
N (lb/A)	
P2O5 (LB/A)	200
K20 (LB/A)	120
MGO (LB/a)	0

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**COUNTY: Lebanon** **# of Samples** 2

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.0		
P (ppm)	83		
K (ppm)	260	<b>K (% Sat)</b>	5.3
Mg (ppm)	192	<b>Mg (% Sat)</b>	12.2
Ca (ppm)	2,192	<b>Ca (% Sat)</b>	82.7
CEC	13.2		

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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>Lehigh</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)	37		
K (ppm)	156	K (% Sat)	3.5
Mg (ppm)	146	Mg (% Sat)	8.3
Ca (ppm)	1,083	Ca (% Sat)	47.3
CEC	11.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	113
K2O (LB/A)	30
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.0		
P (ppm)	141		
K (ppm)	207	K (% Sat)	4.8
Mg (ppm)	117	Mg (% Sat)	8.8
Ca (ppm)	1,914	Ca (% Sat)	86.4
CEC	11.1		

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**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**

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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	6.4		
Acidity (meq/100 g)	2.2		
P (ppm)	82		
K (ppm)	98	K (% Sat)	2.3
Mg (ppm)	93	Mg (% Sat)	7.0
Ca (ppm)	1,581	Ca (% Sat)	71.0
CEC	11.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	80
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	5.2		
P (ppm)	77		
K (ppm)	165	K (% Sat)	3.6
Mg (ppm)	159	Mg (% Sat)	3.2
Ca (ppm)	917	Ca (% Sat)	39.1
CEC	11.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4500
N (lb/A)	
P2O5 (LB/A)	175
K2O (LB/A)	120
MGO (LB/a)	0

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

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COUNTY: **Monroe** # of Samples **2**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	121		
K (ppm)	143	K (% Sat)	3.4
Mg (ppm)	144	Mg (% Sat)	15.7
Ca (ppm)	1,500	Ca (% Sat)	68.3
CEC	10.8		

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**SOIL TEST RECOMMENDATIONS**

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

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COUNTY: **Montgomery** # of Samples **2**

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.6		
P (ppm)	66		
K (ppm)	91	K (% Sat)	2.3
Mg (ppm)	171	Mg (% Sat)	11.3
Ca (ppm)	858	Ca (% Sat)	41.2
CEC	10.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
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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**COUNTY: Montour** **# of Samples** 3

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	0.7		
P (ppm)	208		
K (ppm)	1,364	K (% Sat)	16.0
Mg (ppm)	377	Mg (% Sat)	21.6
Ca (ppm)	2,248	Ca (% Sat)	60.5
CEC	16.9		

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**SOIL TEST RECOMMENDATIONS**

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

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**COUNTY: NORTHAMPTON** **# of Samples** 4

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	29		
K (ppm)	124	K (% Sat)	3.1
Mg (ppm)	173	Mg (% Sat)	8.9
Ca (ppm)	1,447	Ca (% Sat)	60.0
CEC	11.6		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	144
K20 (LB/A)	63
MGO (LB/a)	0

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

**COUNTY: Northumberland** **# of Samples** 5

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	50		
K (ppm)	83	K (% Sat)	2.3
Mg (ppm)	140	Mg (% Sat)	8.2
Ca (ppm)	1,031	Ca (% Sat)	55.6
CEC	9.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2040
N (lb/A)	
P2O5 (LB/A)	150
K2O (LB/A)	90
MGO (LB/a)	0

**COUNTY: Perry** **# of Samples** 3

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.1		
P (ppm)	120		
K (ppm)	114	K (% Sat)	3.4
Mg (ppm)	150	Mg (% Sat)	10.7
Ca (ppm)	1,241	Ca (% Sat)	71.5
CEC	8.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	667
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	47
MGO (LB/a)	0

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

**COUNTY: Schuylkill** **# of Samples** 2

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.4		
P (ppm)	68		
K (ppm)	111	K (% Sat)	2.1
Mg (ppm)	192	Mg (% Sat)	14.2
Ca (ppm)	2,374	Ca (% Sat)	74.9
CEC	14.4		

**SOIL TEST RECOMMENDATIONS**

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

**COUNTY: Snyder** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.9		
P (ppm)	69		
K (ppm)	138	K (% Sat)	3.3
Mg (ppm)	81	Mg (% Sat)	6.2
Ca (ppm)	1,187	Ca (% Sat)	54.6
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
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>Sullivan</b>	<b># of Samples</b>	2
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	9.0		
P (ppm)	14		
K (ppm)	73	<b>K (% Sat)</b>	1.5
Mg (ppm)	62	<b>Mg (% Sat)</b>	4.3
Ca (ppm)	672	<b>Ca (% Sat)</b>	25.9
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	7000
N (lb/A)	
P2O5 (LB/A)	175
K2O (LB/A)	90
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	5.7		
Acidity (meq/100 g)	6.6		
P (ppm)	55		
K (ppm)	112	<b>K (% Sat)</b>	2.2
Mg (ppm)	199	<b>Mg (% Sat)</b>	5.6
Ca (ppm)	869	<b>Ca (% Sat)</b>	34.1
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5000
N (lb/A)	
P2O5 (LB/A)	142
K2O (LB/A)	97
MGO (LB/a)	0

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

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**COUNTY: Tioga** **# of Samples** 1

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.0		
P (ppm)	353		
K (ppm)	298	K (% Sat)	6.2
Mg (ppm)	256	Mg (% Sat)	17.4
Ca (ppm)	1,868	Ca (% Sat)	76.3
CEC	12.2		

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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: Union** **# of Samples** 2

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	7.8		
P (ppm)	107		
K (ppm)	140	K (% Sat)	2.6
Mg (ppm)	112	Mg (% Sat)	7.4
Ca (ppm)	930	Ca (% Sat)	33.9
CEC	13.7		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
N (lb/A)	
P2O5 (LB/A)	175
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>Washington</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)	48		
K (ppm)	83	K (% Sat)	1.6
Mg (ppm)	89	Mg (% Sat)	5.7
Ca (ppm)	1,737	Ca (% Sat)	66.6
CEC	13.0		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	100
K2O (LB/A)	80
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	7.8		
P (ppm)	97		
K (ppm)	49	K (% Sat)	1.2
Mg (ppm)	58	Mg (% Sat)	3.0
Ca (ppm)	584	Ca (% Sat)	27.4
CEC	11.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6500
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	145
MGO (LB/a)	0

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

**COUNTY: Westmoreland** **# of Samples** 5

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.3		
P (ppm)	47		
K (ppm)	114	K (% Sat)	2.4
Mg (ppm)	230	Mg (% Sat)	4.8
Ca (ppm)	1,241	Ca (% Sat)	43.2
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3520
N (lb/A)	
P2O5 (LB/A)	117
K2O (LB/A)	64
MGO (LB/a)	0

**COUNTY: York** **# of Samples** 12

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	92		
K (ppm)	173	K (% Sat)	4.7
Mg (ppm)	139	Mg (% Sat)	13.8
Ca (ppm)	1,108	Ca (% Sat)	56.6
CEC	9.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	150
K2O (LB/A)	40
MGO (LB/a)	0