

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

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**# of Samples**                      250

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**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	73		
K (ppm)	126	K (% Sat)	3.1
Mg (ppm)	147	Mg (% Sat)	12.2
Ca (ppm)	1,258	Ca (% Sat)	57.3
CEC	10.4		

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**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1320
N (lb/A)	
P2O5 (LB/A)	142
K20 (LB/A)	67
MGO (LB/a)	0

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

**COUNTY: Adams** **# of Samples** 93

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	40		
K (ppm)	97	K (% Sat)	3.0
Mg (ppm)	144	Mg (% Sat)	10.1
Ca (ppm)	961	Ca (% Sat)	57.1
CEC	8.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	280
N (lb/A)	
P2O5 (LB/A)	135
K20 (LB/A)	48
MGO (LB/a)	0

**COUNTY: Allegheny** **# of Samples** 8

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	1.6		
P (ppm)	108		
K (ppm)	265	K (% Sat)	4.3
Mg (ppm)	215	Mg (% Sat)	7.9
Ca (ppm)	3,021	Ca (% Sat)	72.3
CEC	15.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	750
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	
MGO (LB/a)	0



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

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**COUNTY: Bedford** **# of Samples** 1

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.0		
Acidity (meq/100 g)	8.1		
P (ppm)	10		
K (ppm)	40	K (% Sat)	1.1
Mg (ppm)	20	Mg (% Sat)	1.7
Ca (ppm)	232	Ca (% Sat)	12.2
CEC	9.5		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	120
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	6.8		
Acidity (meq/100 g)	1.0		
P (ppm)	58		
K (ppm)	87	K (% Sat)	3.0
Mg (ppm)	137	Mg (% Sat)	16.8
Ca (ppm)	1,095	Ca (% Sat)	69.8
CEC	7.8		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	158
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:      Bradford** **# of Samples**                      6

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	34		
K (ppm)	135	<b>K (% Sat)</b>	3.5
Mg (ppm)	124	<b>Mg (% Sat)</b>	6.3
Ca (ppm)	999	<b>Ca (% Sat)</b>	48.6
CEC	10.3		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	2583
N (lb/A)	
P2O5 (LB/A)	140
K20 (LB/A)	100
MGO (LB/a)	0

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**COUNTY:      Bucks** **# of Samples**                      3

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.4		
P (ppm)	65		
K (ppm)	123	<b>K (% Sat)</b>	3.2
Mg (ppm)	207	<b>Mg (% Sat)</b>	20.6
Ca (ppm)	813	<b>Ca (% Sat)</b>	42.6
CEC	9.5		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	1667
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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**COUNTY:     Butler** **# of Samples**                   4

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.3		
P (ppm)	19		
K (ppm)	110	K (% Sat)	2.0
Mg (ppm)	168	Mg (% Sat)	4.4
Ca (ppm)	1,580	Ca (% Sat)	58.2
CEC	13.9		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	2750
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	90
MGO (LB/a)	0

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**COUNTY:     Centre** **# 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)	1.4		
P (ppm)	79		
K (ppm)	142	K (% Sat)	3.4
Mg (ppm)	76	Mg (% Sat)	6.2
Ca (ppm)	1,907	Ca (% Sat)	73.0
CEC	11.3		

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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)	120
MGO (LB/a)	0

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

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**COUNTY: Chester** **# of Samples** 2

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	44		
K (ppm)	110	K (% Sat)	2.6
Mg (ppm)	207	Mg (% Sat)	16.3
Ca (ppm)	1,075	Ca (% Sat)	46.9
CEC	11.3		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	70
MGO (LB/a)	0

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**COUNTY: Clarion** **# of Samples** 1

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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)	8		
K (ppm)	73	K (% Sat)	1.9
Mg (ppm)	49	Mg (% Sat)	4.2
Ca (ppm)	790	Ca (% Sat)	40.9
CEC	9.6		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	200
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>Clearfield</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.2		
Acidity (meq/100 g)	8.1		
P (ppm)	27		
K (ppm)	95	<b>K (% Sat)</b>	2.3
Mg (ppm)	61	<b>Mg (% Sat)</b>	4.7
Ca (ppm)	380	<b>Ca (% Sat)</b>	17.7
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	120
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Clinton</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)	12		
K (ppm)	14	<b>K (% Sat)</b>	0.5
Mg (ppm)	20	<b>Mg (% Sat)</b>	2.5
Ca (ppm)	405	<b>Ca (% Sat)</b>	30.1
CEC	6.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
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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**COUNTY: Crawford** **# of Samples** 1

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.1		
P (ppm)	78		
K (ppm)	242	K (% Sat)	5.3
Mg (ppm)	128	Mg (% Sat)	9.1
Ca (ppm)	975	Ca (% Sat)	41.8
CEC	11.7		

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**SOIL TEST RECOMMENDATIONS**

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

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**COUNTY: Dauphin** **# of Samples** 18

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.0		
P (ppm)	55		
K (ppm)	126	K (% Sat)	3.3
Mg (ppm)	151	Mg (% Sat)	10.8
Ca (ppm)	1,246	Ca (% Sat)	62.8
CEC	9.8		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	106
K20 (LB/A)	51
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	5.4		
P (ppm)	71		
K (ppm)	127	K (% Sat)	2.2
Mg (ppm)	141	Mg (% Sat)	2.5
Ca (ppm)	1,566	Ca (% Sat)	55.5
CEC	14.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	70
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	3.3		
P (ppm)	13		
K (ppm)	126	K (% Sat)	1.8
Mg (ppm)	168	Mg (% Sat)	8.9
Ca (ppm)	3,487	Ca (% Sat)	73.8
CEC	17.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2667
N (lb/A)	
P2O5 (LB/A)	183
K20 (LB/A)	100
MGO (LB/a)	0

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

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<b>COUNTY:</b>	<b>Forest</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)	122		
K (ppm)	77	K (% Sat)	2.1
Mg (ppm)	179	Mg (% Sat)	6.6
Ca (ppm)	801	Ca (% Sat)	41.7
CEC	9.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2750
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	90
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	6.9		
Acidity (meq/100 g)	1.5		
P (ppm)	271		
K (ppm)	263	K (% Sat)	5.0
Mg (ppm)	155	Mg (% Sat)	8.7
Ca (ppm)	1,883	Ca (% Sat)	72.7
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
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:     Greene** **# of Samples**                   3

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	7.3		
P (ppm)	89		
K (ppm)	162	K (% Sat)	2.5
Mg (ppm)	160	Mg (% Sat)	4.1
Ca (ppm)	1,379	Ca (% Sat)	40.9
CEC	15.9		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	4667
N (lb/A)	
P2O5 (LB/A)	138
K20 (LB/A)	90
MGO (LB/a)	0

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

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	7.4		
Acidity (meq/100 g)	0.0		
P (ppm)	92		
K (ppm)	183	K (% Sat)	2.8
Mg (ppm)	416	Mg (% Sat)	22.8
Ca (ppm)	2,681	Ca (% Sat)	77.2
CEC	17.3		

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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

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

**COUNTY: Jefferson** **# of Samples** 3

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	8.5		
P (ppm)	40		
K (ppm)	97	K (% Sat)	2.1
Mg (ppm)	75	Mg (% Sat)	6.3
Ca (ppm)	551	Ca (% Sat)	22.8
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	8000
N (lb/A)	
P2O5 (LB/A)	188
K20 (LB/A)	87
MGO (LB/a)	0

**COUNTY: Juniata** **# of Samples** 9

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	86		
K (ppm)	105	K (% Sat)	2.3
Mg (ppm)	159	Mg (% Sat)	9.2
Ca (ppm)	1,517	Ca (% Sat)	64.5
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	667
N (lb/A)	
P2O5 (LB/A)	113
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: **Lancaster** # of Samples **1**

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	5.1		
P (ppm)	12		
K (ppm)	105	<b>K (% Sat)</b>	1.8
Mg (ppm)	256	<b>Mg (% Sat)</b>	13.9
Ca (ppm)	1,575	<b>Ca (% Sat)</b>	51.2
CEC	15.4		

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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

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COUNTY: **Lawrence** # of Samples **3**

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.4		
P (ppm)	81		
K (ppm)	95	<b>K (% Sat)</b>	2.5
Mg (ppm)	133	<b>Mg (% Sat)</b>	6.1
Ca (ppm)	1,014	<b>Ca (% Sat)</b>	51.7
CEC	9.8		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	73
MGO (LB/a)	0

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

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**COUNTY:      Lehigh** **# of Samples**                      8

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	85		
K (ppm)	144	K (% Sat)	3.7
Mg (ppm)	113	Mg (% Sat)	9.7
Ca (ppm)	1,287	Ca (% Sat)	61.5
CEC	10.3		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	68
MGO (LB/a)	0

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**COUNTY:      Luzerne** **# of Samples**                      3

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.5		
P (ppm)	108		
K (ppm)	169	K (% Sat)	5.6
Mg (ppm)	73	Mg (% Sat)	7.5
Ca (ppm)	674	Ca (% Sat)	39.4
CEC	8.9		

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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)	120
MGO (LB/a)	0

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

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**COUNTY: Lycoming** **# of Samples** 4

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	241		
K (ppm)	194	K (% Sat)	4.0
Mg (ppm)	150	Mg (% Sat)	13.6
Ca (ppm)	1,521	Ca (% Sat)	67.0
CEC	11.5		

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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)	145
MGO (LB/a)	0

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**COUNTY: McKean** **# 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)	8.1		
P (ppm)	13		
K (ppm)	138	K (% Sat)	2.9
Mg (ppm)	71	Mg (% Sat)	3.8
Ca (ppm)	648	Ca (% Sat)	25.8
CEC	12.3		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	11400
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>Mercer</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)	19		
K (ppm)	32	K (% Sat)	1.1
Mg (ppm)	25	Mg (% Sat)	2.8
Ca (ppm)	873	Ca (% Sat)	58.6
CEC	7.5		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	50		
K (ppm)	65	K (% Sat)	1.6
Mg (ppm)	220	Mg (% Sat)	19.2
Ca (ppm)	1,048	Ca (% Sat)	50.3
CEC	10.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1250
N (lb/A)	
P2O5 (LB/A)	138
K20 (LB/A)	93
MGO (LB/a)	0

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

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<b>COUNTY:</b>	<b>Montour</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)	46		
K (ppm)	155	K (% Sat)	4.1
Mg (ppm)	237	Mg (% Sat)	20.5
Ca (ppm)	1,054	Ca (% Sat)	54.6
CEC	9.6		

**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>Northampton</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)	31		
K (ppm)	202	K (% Sat)	6.0
Mg (ppm)	136	Mg (% Sat)	13.2
Ca (ppm)	833	Ca (% Sat)	48.3
CEC	8.6		

**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>Northumberland</b>	<b># of Samples</b>	20
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	219		
K (ppm)	177	K (% Sat)	3.5
Mg (ppm)	155	Mg (% Sat)	7.6
Ca (ppm)	1,736	Ca (% Sat)	67.9
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1010
N (lb/A)	
P2O5 (LB/A)	155
K20 (LB/A)	67
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Philadelphia</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)	34		
K (ppm)	136	K (% Sat)	2.4
Mg (ppm)	283	Mg (% Sat)	16.4
Ca (ppm)	2,336	Ca (% Sat)	81.2
CEC	14.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	150
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>Schuylkill</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	5.1		
P (ppm)	157		
K (ppm)	151	K (% Sat)	2.5
Mg (ppm)	147	Mg (% Sat)	8.1
Ca (ppm)	1,695	Ca (% Sat)	55.8
CEC	15.2		

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.8		
P (ppm)	10		
K (ppm)	59	K (% Sat)	1.3
Mg (ppm)	79	Mg (% Sat)	1.4
Ca (ppm)	952	Ca (% Sat)	38.2
CEC	11.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	125
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	5.8		
Acidity (meq/100 g)	6.9		
P (ppm)	23		
K (ppm)	137	K (% Sat)	2.2
Mg (ppm)	192	Mg (% Sat)	10.1
Ca (ppm)	1,388	Ca (% Sat)	44.0
CEC	15.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	60
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	130		
K (ppm)	237	K (% Sat)	5.5
Mg (ppm)	148	Mg (% Sat)	7.7
Ca (ppm)	1,209	Ca (% Sat)	51.4
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
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: Warren** **# of Samples** 1

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	5.3		
Acidity (meq/100 g)	7.5		
P (ppm)	8		
K (ppm)	34	K (% Sat)	1.0
Mg (ppm)	31	Mg (% Sat)	2.9
Ca (ppm)	188	Ca (% Sat)	10.7
CEC	8.8		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
N (lb/A)	
P2O5 (LB/A)	200
K20 (LB/A)	150
MGO (LB/a)	0

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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	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	127		
K (ppm)	141	K (% Sat)	3.1
Mg (ppm)	169	Mg (% Sat)	10.3
Ca (ppm)	1,275	Ca (% Sat)	55.7
CEC	11.4		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	2250
N (lb/A)	
P2O5 (LB/A)	125
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>Westmoreland</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.5		
P (ppm)	14		
K (ppm)	132	K (% Sat)	3.0
Mg (ppm)	171	Mg (% Sat)	12.6
Ca (ppm)	1,013	Ca (% Sat)	44.7
CEC	11.3		

**SOIL TEST RECOMMENDATIONS**

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	25		
K (ppm)	220	K (% Sat)	5.8
Mg (ppm)	184	Mg (% Sat)	15.9
Ca (ppm)	1,123	Ca (% Sat)	57.2
CEC	9.8		

**SOIL TEST RECOMMENDATIONS**

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