

**SUMMARY REPORT  
SOIL TEST RESULTS-AVERAGES**

**Tree Fruit Samples**

**2009/2010**

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**# of Samples**                    199

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**SOIL TEST RESULTS**

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<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
<b>pH</b>	6.4		
<b>Acidity (meq/100 g)</b>	2.9		
<b>P (ppm)</b>	92		
<b>K (ppm)</b>	141	<b>K (% Sat)</b>	2.9
<b>Mg (ppm)</b>	177	<b>Mg (% Sat)</b>	20.2
<b>Ca (ppm)</b>	1,694	<b>Ca (% Sat)</b>	62.2
<b>CEC</b>	12.8		

**SUMMARY REPORT  
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Tree Fruit Samples

2009/2010

**COUNTY: Adams** **# of Samples** 48

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	92		
K (ppm)	119	K (% Sat)	2.5
Mg (ppm)	140	Mg (% Sat)	2.4
Ca (ppm)	1,582	Ca (% Sat)	60.2
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1906
N (lb/A)	
P2O5 (LB/A)	167
K20 (LB/A)	73
MGO (LB/a)	0

**COUNTY: Allegheny** **# of Samples** 3

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	115		
K (ppm)	138	K (% Sat)	2.6
Mg (ppm)	116	Mg (% Sat)	8.3
Ca (ppm)	2,081	Ca (% Sat)	75.3
CEC	13.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1333
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	55
MGO (LB/a)	0

**SUMMARY REPORT  
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Tree Fruit Samples

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**COUNTY: Armstrong** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.3		
Acidity (meq/100 g)	0.0		
P (ppm)	122		
K (ppm)	37	K (% Sat)	1.2
Mg (ppm)	75	Mg (% Sat)	7.7
Ca (ppm)	1,489	Ca (% Sat)	91.2
CEC	8.2		

**SOIL TEST RECOMMENDATIONS**

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

**COUNTY: Bedford** **# of Samples** 5

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.8		
P (ppm)	194		
K (ppm)	161	K (% Sat)	2.5
Mg (ppm)	208	Mg (% Sat)	9.6
Ca (ppm)	3,192	Ca (% Sat)	82.4
CEC	16.6		

**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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SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Tree Fruit Samples

2009/2010

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.5		
P (ppm)	50		
K (ppm)	183	K (% Sat)	3.7
Mg (ppm)	163	Mg (% Sat)	9.1
Ca (ppm)	1,541	Ca (% Sat)	57.9
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1875
N (lb/A)	
P2O5 (LB/A)	165
K20 (LB/A)	70
MGO (LB/a)	0

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	27		
K (ppm)	312	K (% Sat)	4.6
Mg (ppm)	293	Mg (% Sat)	14.2
Ca (ppm)	2,356	Ca (% Sat)	68.4
CEC	17.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
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

2009/2010

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	17		
K (ppm)	54	K (% Sat)	1.4
Mg (ppm)	240	Mg (% Sat)	20.2
Ca (ppm)	1,084	Ca (% Sat)	53.7
CEC	10.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2400
N (lb/A)	
P2O5 (LB/A)	183
K20 (LB/A)	78
MGO (LB/a)	0

**COUNTY: Butler** **# of Samples** 3

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.3		
P (ppm)	67		
K (ppm)	90	K (% Sat)	1.9
Mg (ppm)	146	Mg (% Sat)	14.0
Ca (ppm)	1,598	Ca (% Sat)	68.2
CEC	11.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	110
MGO (LB/a)	0

**SUMMARY REPORT  
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Tree Fruit Samples

2009/2010

**COUNTY: Centre** **# of Samples** 7

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.0		
P (ppm)	36		
K (ppm)	177	K (% Sat)	2.9
Mg (ppm)	326	Mg (% Sat)	8.0
Ca (ppm)	2,393	Ca (% Sat)	71.7
CEC	14.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	85
MGO (LB/a)	0

**COUNTY: Chester** **# of Samples** 3

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	25		
K (ppm)	58	K (% Sat)	1.6
Mg (ppm)	189	Mg (% Sat)	14.0
Ca (ppm)	791	Ca (% Sat)	41.1
CEC	9.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	107
MGO (LB/a)	0

**SUMMARY REPORT  
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Tree Fruit Samples

2009/2010

**COUNTY: Clinton**

**# of Samples**

1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	0.0		
P (ppm)	89		
K (ppm)	236	K (% Sat)	3.5
Mg (ppm)	187	Mg (% Sat)	9.1
Ca (ppm)	3,308	Ca (% Sat)	87.4
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

**COUNTY: Columbia**

**# of Samples**

4

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	4.8		
P (ppm)	94		
K (ppm)	126	K (% Sat)	2.8
Mg (ppm)	123	Mg (% Sat)	4.4
Ca (ppm)	862	Ca (% Sat)	39.2
CEC	10.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4150
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	105
MGO (LB/a)	0

**SUMMARY REPORT  
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Tree Fruit Samples

2009/2010

**COUNTY: Crawford** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	108		
K (ppm)	59	K (% Sat)	1.2
Mg (ppm)	490	Mg (% Sat)	31.2
Ca (ppm)	1,330	Ca (% Sat)	50.8
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

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

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.5		
P (ppm)	14		
K (ppm)	55	K (% Sat)	1.3
Mg (ppm)	107	Mg (% Sat)	8.5
Ca (ppm)	984	Ca (% Sat)	47.1
CEC	10.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	150
MGO (LB/a)	0



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Tree Fruit Samples

2009/2010

**COUNTY: Dauphin**

**# of Samples**

16

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.6		
P (ppm)	127		
K (ppm)	151	K (% Sat)	3.4
Mg (ppm)	162	Mg (% Sat)	9.0
Ca (ppm)	1,637	Ca (% Sat)	62.4
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	52
MGO (LB/a)	0

**COUNTY: Elk**

**# of Samples**

1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.8		
P (ppm)	469		
K (ppm)	345	K (% Sat)	4.7
Mg (ppm)	296	Mg (% Sat)	13.0
Ca (ppm)	2,562	Ca (% Sat)	67.6
CEC	19.0		

**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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**COUNTY: Erie** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.0		
P (ppm)	108		
K (ppm)	342	K (% Sat)	5.1
Mg (ppm)	352	Mg (% Sat)	17.0
Ca (ppm)	2,684	Ca (% Sat)	77.9
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

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	3.6		
P (ppm)	110		
K (ppm)	200	K (% Sat)	3.7
Mg (ppm)	162	Mg (% Sat)	6.3
Ca (ppm)	1,700	Ca (% Sat)	60.8
CEC	14.0		

**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

2009/2010

**COUNTY: Franklin** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	4.5		
P (ppm)	16		
K (ppm)	90	K (% Sat)	2.6
Mg (ppm)	92	Mg (% Sat)	8.6
Ca (ppm)	693	Ca (% Sat)	38.7
CEC	9.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	40
MGO (LB/a)	0

**COUNTY: Indiana** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.5		
Acidity (meq/100 g)	0.0		
P (ppm)	211		
K (ppm)	248	K (% Sat)	4.3
Mg (ppm)	269	Mg (% Sat)	15.0
Ca (ppm)	2,410	Ca (% Sat)	80.7
CEC	14.9		

**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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Tree Fruit Samples

2009/2010

**COUNTY: Juniata** **# of Samples** 11

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.2		
P (ppm)	87		
K (ppm)	92	K (% Sat)	2.0
Mg (ppm)	154	Mg (% Sat)	12.4
Ca (ppm)	1,767	Ca (% Sat)	75.8
CEC	11.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	66
MGO (LB/a)	0

**COUNTY: Lackawanna** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.1		
Acidity (meq/100 g)	8.1		
P (ppm)	27		
K (ppm)	115	K (% Sat)	2.6
Mg (ppm)	63	Mg (% Sat)	4.7
Ca (ppm)	451	Ca (% Sat)	20.2
CEC	11.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	60
MGO (LB/a)	0

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Tree Fruit Samples

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**COUNTY: Lancaster**

**# of Samples**

2

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	139		
K (ppm)	261	K (% Sat)	6.3
Mg (ppm)	228	Mg (% Sat)	16.5
Ca (ppm)	1,124	Ca (% Sat)	52.6
CEC	10.7		

**SOIL TEST RECOMMENDATIONS**

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

**COUNTY: Lawrence**

**# of Samples**

1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	3.3		
P (ppm)	36		
K (ppm)	167	K (% Sat)	4.8
Mg (ppm)	146	Mg (% Sat)	13.5
Ca (ppm)	810	Ca (% Sat)	45.0
CEC	9.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
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

2009/2010

**COUNTY: Lehigh** **# of Samples** 10

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	51		
K (ppm)	147	K (% Sat)	3.2
Mg (ppm)	226	Mg (% Sat)	14.4
Ca (ppm)	1,521	Ca (% Sat)	66.2
CEC	11.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1300
N (lb/A)	
P2O5 (LB/A)	154
K20 (LB/A)	74
MGO (LB/a)	0

**COUNTY: Luzerne** **# of Samples** 14

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.2		
P (ppm)	158		
K (ppm)	160	K (% Sat)	3.7
Mg (ppm)	144	Mg (% Sat)	8.8
Ca (ppm)	1,896	Ca (% Sat)	84.0
CEC	11.2		

**SOIL TEST RECOMMENDATIONS**

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

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Tree Fruit Samples

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

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.0		
Acidity (meq/100 g)	5.2		
P (ppm)	86		
K (ppm)	128	K (% Sat)	2.5
Mg (ppm)	110	Mg (% Sat)	2.0
Ca (ppm)	2,055	Ca (% Sat)	56.9
CEC	14.5		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	3750
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	150
MGO (LB/a)	0

**COUNTY: Mercer** **# of Samples** 3

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	5.4		
Acidity (meq/100 g)	6.3		
P (ppm)	30		
K (ppm)	94	K (% Sat)	2.4
Mg (ppm)	52	Mg (% Sat)	3.6
Ca (ppm)	536	Ca (% Sat)	28.2
CEC	9.7		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	5000
N (lb/A)	
P2O5 (LB/A)	158
K20 (LB/A)	93
MGO (LB/a)	0

**SUMMARY REPORT  
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Tree Fruit Samples

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**COUNTY: Montgomery** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.0		
P (ppm)	70		
K (ppm)	139	K (% Sat)	1.9
Mg (ppm)	387	Mg (% Sat)	17.4
Ca (ppm)	3,609	Ca (% Sat)	80.7
CEC	18.6		

**SOIL TEST RECOMMENDATIONS**

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

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	5.7		
P (ppm)	25		
K (ppm)	120	K (% Sat)	2.7
Mg (ppm)	71	Mg (% Sat)	5.1
Ca (ppm)	983	Ca (% Sat)	42.7
CEC	11.5		

**SOIL TEST RECOMMENDATIONS**

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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Tree Fruit Samples

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**COUNTY: Northampton**

**# of Samples**

**3**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.4		
P (ppm)	118		
K (ppm)	125	K (% Sat)	2.1
Mg (ppm)	396	Mg (% Sat)	16.8
Ca (ppm)	4,552	Ca (% Sat)	67.9
CEC	16.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	85
MGO (LB/a)	0

**COUNTY: Northumberland**

**# of Samples**

**8**

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.0		
P (ppm)	54		
K (ppm)	89	K (% Sat)	2.3
Mg (ppm)	147	Mg (% Sat)	9.8
Ca (ppm)	1,076	Ca (% Sat)	55.0
CEC	9.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1450
N (lb/A)	
P2O5 (LB/A)	115
K20 (LB/A)	55
MGO (LB/a)	0

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SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Tree Fruit Samples

2009/2010

**COUNTY: Perry** **# of Samples** 4

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	6.2		
P (ppm)	44		
K (ppm)	148	K (% Sat)	3.1
Mg (ppm)	104	Mg (% Sat)	6.0
Ca (ppm)	1,051	Ca (% Sat)	44.1
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5000
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	90
MGO (LB/a)	0

**COUNTY: Philadelphia** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.5		
Acidity (meq/100 g)	8.7		
P (ppm)	12		
K (ppm)	143	K (% Sat)	2.6
Mg (ppm)	78	Mg (% Sat)	4.6
Ca (ppm)	883	Ca (% Sat)	31.2
CEC	14.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	7000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	50
MGO (LB/a)	0

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	6.3		
P (ppm)	56		
K (ppm)	140	K (% Sat)	2.6
Mg (ppm)	164	Mg (% Sat)	10.1
Ca (ppm)	1,110	Ca (% Sat)	40.9
CEC	13.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	7500
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	60
MGO (LB/a)	0

**COUNTY: Sullivan** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	3.3		
P (ppm)	27		
K (ppm)	70	K (% Sat)	2.0
Mg (ppm)	92	Mg (% Sat)	8.4
Ca (ppm)	969	Ca (% Sat)	53.3
CEC	9.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	120
MGO (LB/a)	0

**SUMMARY REPORT  
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Tree Fruit Samples

2009/2010

**COUNTY: Susquehanna** **# of Samples** 4

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	5.7		
P (ppm)	153		
K (ppm)	264	K (% Sat)	4.1
Mg (ppm)	246	Mg (% Sat)	11.9
Ca (ppm)	1,692	Ca (% Sat)	50.3
CEC	16.9		

**SOIL TEST RECOMMENDATIONS**

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

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.4		
P (ppm)	43		
K (ppm)	256	K (% Sat)	7.2
Mg (ppm)	119	Mg (% Sat)	7.2
Ca (ppm)	1,185	Ca (% Sat)	65.6
CEC	9.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
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

2009/2010

**COUNTY: Warren** **# of Samples** 1

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	31		
K (ppm)	100	K (% Sat)	1.6
Mg (ppm)	220	Mg (% Sat)	11.1
Ca (ppm)	2,222	Ca (% Sat)	67.3
CEC	16.5		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	80
MGO (LB/a)	0

**COUNTY: Washington** **# of Samples** 8

**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	113		
K (ppm)	185	K (% Sat)	3.2
Mg (ppm)	255	Mg (% Sat)	18.7
Ca (ppm)	1,729	Ca (% Sat)	57.9
CEC	14.7		

**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1250
N (lb/A)	
P2O5 (LB/A)	133
K20 (LB/A)	67
MGO (LB/a)	0

**SUMMARY REPORT  
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Tree Fruit Samples

2009/2010

**COUNTY: Wayne** **# of Samples** 1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.0		
P (ppm)	183		
K (ppm)	57	K (% Sat)	1.7
Mg (ppm)	283	Mg (% Sat)	27.9
Ca (ppm)	1,191	Ca (% Sat)	70.4
CEC	8.5		

**SOIL TEST RECOMMENDATIONS**

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

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

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	4.0		
P (ppm)	84		
K (ppm)	203	K (% Sat)	2.4
Mg (ppm)	339	Mg (% Sat)	7.5
Ca (ppm)	2,623	Ca (% Sat)	64.9
CEC	20.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3500
N (lb/A)	
P2O5 (LB/A)	113
K20 (LB/A)	60
MGO (LB/a)	0

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY**

Tree Fruit Samples

2009/2010

**COUNTY:**      **Wyoming** **# of Samples**                      1

**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	4.5		
P (ppm)	29		
K (ppm)	41	K (% Sat)	1.3
Mg (ppm)	61	Mg (% Sat)	6.3
Ca (ppm)	583	Ca (% Sat)	36.3
CEC	8.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4500
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	120
MGO (LB/a)	0