

**SUMMARY REPORT**  
**SOIL TEST RESULTS-AVERAGES**  
Commercial Vegetables

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**# of Samples**            1,730

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**SOIL TEST RESULTS**

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<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	161		
K (ppm)	216	K (% Sat)	4.1
Mg (ppm)	223	Mg (% Sat)	15.9
Ca (ppm)	2,033	Ca (% Sat)	64.5
CEC	13.3		

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

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<b>COUNTY:</b>	<b>Adams</b>	<b># of Samples</b>	24
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	122		
K (ppm)	180	K (% Sat)	3.8
Mg (ppm)	243	Mg (% Sat)	15.2
Ca (ppm)	1,636	Ca (% Sat)	51.7
CEC	12.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1750
N (lb/A)	
P2O5 (LB/A)	154
K20 (LB/A)	155
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Allegheny</b>	<b># of Samples</b>	103
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.6		
P (ppm)	203		
K (ppm)	207	K (% Sat)	3.5
Mg (ppm)	274	Mg (% Sat)	12.5
Ca (ppm)	2,425	Ca (% Sat)	68.6
CEC	14.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	879
N (lb/A)	
P2O5 (LB/A)	91
K20 (LB/A)	64
MGO (LB/a)	5

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

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**COUNTY:     Armstrong** **# of Samples**                   9

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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)	110		
K (ppm)	198	<b>K (% Sat)</b>	3.8
Mg (ppm)	228	<b>Mg (% Sat)</b>	14.4
Ca (ppm)	2,463	<b>Ca (% Sat)</b>	70.4
CEC	14.0		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	778
N (lb/A)	
P2O5 (LB/A)	134
K20 (LB/A)	150
MGO (LB/a)	5

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**COUNTY:     Beaver** **# of Samples**                   8

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.5		
P (ppm)	198		
K (ppm)	225	<b>K (% Sat)</b>	3.3
Mg (ppm)	237	<b>Mg (% Sat)</b>	1.8
Ca (ppm)	3,282	<b>Ca (% Sat)</b>	71.2
CEC	16.3		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	750
N (lb/A)	
P2O5 (LB/A)	188
K20 (LB/A)	138
MGO (LB/a)	53

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

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<b>COUNTY:</b>	<b>Bedford</b>	<b># of Samples</b>	14
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.0		
P (ppm)	128		
K (ppm)	247	<b>K (% Sat)</b>	5.2
Mg (ppm)	171	<b>Mg (% Sat)</b>	9.9
Ca (ppm)	2,038	<b>Ca (% Sat)</b>	75.2
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	714
N (lb/A)	
P2O5 (LB/A)	164
K20 (LB/A)	144
MGO (LB/a)	2

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<b>COUNTY:</b>	<b>Berks</b>	<b># of Samples</b>	55
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	187		
K (ppm)	272	<b>K (% Sat)</b>	4.4
Mg (ppm)	271	<b>Mg (% Sat)</b>	1.8
Ca (ppm)	1,903	<b>Ca (% Sat)</b>	56.4
CEC	13.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1982
N (lb/A)	
P2O5 (LB/A)	152
K20 (LB/A)	141
MGO (LB/a)	17

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

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<b>COUNTY:</b>	<b>Blair</b>	<b># of Samples</b>	15
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.6		
P (ppm)	279		
K (ppm)	363	<b>K (% Sat)</b>	6.3
Mg (ppm)	285	<b>Mg (% Sat)</b>	9.6
Ca (ppm)	2,256	<b>Ca (% Sat)</b>	67.4
CEC	14.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	867
N (lb/A)	
P2O5 (LB/A)	140
K20 (LB/A)	60
MGO (LB/a)	12

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<b>COUNTY:</b>	<b>BRADFORD</b>	<b># of Samples</b>	24
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	218		
K (ppm)	253	<b>K (% Sat)</b>	4.1
Mg (ppm)	221	<b>Mg (% Sat)</b>	7.6
Ca (ppm)	1,850	<b>Ca (% Sat)</b>	60.4
CEC	14.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1396
N (lb/A)	
P2O5 (LB/A)	99
K20 (LB/A)	99
MGO (LB/a)	13

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

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<b>COUNTY:</b>	<b>Bucks</b>	<b># of Samples</b>	62
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	156		
K (ppm)	256	K (% Sat)	5.1
Mg (ppm)	282	Mg (% Sat)	8.9
Ca (ppm)	1,687	Ca (% Sat)	58.0
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1379
N (lb/A)	
P2O5 (LB/A)	103
K20 (LB/A)	120
MGO (LB/a)	5

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<b>COUNTY:</b>	<b>Butler</b>	<b># of Samples</b>	31
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.2		
P (ppm)	117		
K (ppm)	244	K (% Sat)	4.8
Mg (ppm)	197	Mg (% Sat)	3.8
Ca (ppm)	2,104	Ca (% Sat)	73.5
CEC	13.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	710
N (lb/A)	
P2O5 (LB/A)	113
K20 (LB/A)	160
MGO (LB/a)	18

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

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**COUNTY: Cambria** **# of Samples** 4

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	306		
K (ppm)	312	<b>K (% Sat)</b>	4.5
Mg (ppm)	205	<b>Mg (% Sat)</b>	5.1
Ca (ppm)	3,001	<b>Ca (% Sat)</b>	60.6
CEC	15.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2250
N (lb/A)	
P2O5 (LB/A)	103
K20 (LB/A)	60
MGO (LB/a)	43

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**COUNTY: Carbon** **# of Samples** 4

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.7		
P (ppm)	129		
K (ppm)	148	<b>K (% Sat)</b>	2.9
Mg (ppm)	203	<b>Mg (% Sat)</b>	13.8
Ca (ppm)	2,118	<b>Ca (% Sat)</b>	79.4
CEC	13.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	35
K20 (LB/A)	25
MGO (LB/a)	0

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

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<b>COUNTY:</b>	<b>Centre</b>	<b># of Samples</b>	188
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.4		
P (ppm)	79		
K (ppm)	184	<b>K (% Sat)</b>	3.5
Mg (ppm)	228	<b>Mg (% Sat)</b>	5.4
Ca (ppm)	2,367	<b>Ca (% Sat)</b>	70.8
CEC	13.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	848
N (lb/A)	
P2O5 (LB/A)	121
K20 (LB/A)	89
MGO (LB/a)	10

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<b>COUNTY:</b>	<b>Chester</b>	<b># of Samples</b>	30
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.3		
P (ppm)	217		
K (ppm)	263	<b>K (% Sat)</b>	4.7
Mg (ppm)	309	<b>Mg (% Sat)</b>	9.7
Ca (ppm)	2,329	<b>Ca (% Sat)</b>	65.3
CEC	14.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	767
N (lb/A)	
P2O5 (LB/A)	160
K20 (LB/A)	115
MGO (LB/a)	15



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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	60		
K (ppm)	192	K (% Sat)	3.6
Mg (ppm)	162	Mg (% Sat)	5.3
Ca (ppm)	1,619	Ca (% Sat)	62.3
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2227
N (lb/A)	
P2O5 (LB/A)	86
K20 (LB/A)	30
MGO (LB/a)	37

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<b>COUNTY:</b>	<b>Clearfield</b>	<b># of Samples</b>	21
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	67		
K (ppm)	171	K (% Sat)	3.2
Mg (ppm)	176	Mg (% Sat)	6.9
Ca (ppm)	1,794	Ca (% Sat)	60.6
CEC	13.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1714
N (lb/A)	
P2O5 (LB/A)	107
K20 (LB/A)	92
MGO (LB/a)	22

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

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<b>COUNTY:</b>	<b>Clinton</b>	<b># of Samples</b>	10
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.4		
P (ppm)	282		
K (ppm)	301	<b>K (% Sat)</b>	4.8
Mg (ppm)	212	<b>Mg (% Sat)</b>	13.3
Ca (ppm)	2,413	<b>Ca (% Sat)</b>	73.0
CEC	15.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	900
N (lb/A)	
P2O5 (LB/A)	200
K20 (LB/A)	150
MGO (LB/a)	16

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<b>COUNTY:</b>	<b>Columbia</b>	<b># of Samples</b>	40
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	144		
K (ppm)	242	<b>K (% Sat)</b>	4.9
Mg (ppm)	157	<b>Mg (% Sat)</b>	6.8
Ca (ppm)	1,484	<b>Ca (% Sat)</b>	62.2
CEC	11.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	715
N (lb/A)	
P2O5 (LB/A)	78
K20 (LB/A)	95
MGO (LB/a)	12

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	127		
K (ppm)	211	<b>K (% Sat)</b>	4.0
Mg (ppm)	200	<b>Mg (% Sat)</b>	5.7
Ca (ppm)	2,291	<b>Ca (% Sat)</b>	59.3
CEC	13.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1818
N (lb/A)	
P2O5 (LB/A)	173
K20 (LB/A)	133
MGO (LB/a)	44

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<b>COUNTY:</b>	<b>Cumberland</b>	<b># of Samples</b>	21
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.6		
P (ppm)	157		
K (ppm)	219	<b>K (% Sat)</b>	4.2
Mg (ppm)	173	<b>Mg (% Sat)</b>	6.0
Ca (ppm)	2,329	<b>Ca (% Sat)</b>	71.9
CEC	13.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	952
N (lb/A)	
P2O5 (LB/A)	142
K20 (LB/A)	99
MGO (LB/a)	15

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

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<b>COUNTY:</b>	<b>Dauphin</b>	<b># of Samples</b>	79
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.2		
P (ppm)	134		
K (ppm)	175	<b>K (% Sat)</b>	4.1
Mg (ppm)	201	<b>Mg (% Sat)</b>	31.9
Ca (ppm)	1,641	<b>Ca (% Sat)</b>	69.8
CEC	11.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	835
N (lb/A)	
P2O5 (LB/A)	128
K20 (LB/A)	72
MGO (LB/a)	12

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<b>COUNTY:</b>	<b>Delaware</b>	<b># of Samples</b>	20
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.8		
P (ppm)	181		
K (ppm)	433	<b>K (% Sat)</b>	7.1
Mg (ppm)	336	<b>Mg (% Sat)</b>	10.3
Ca (ppm)	2,433	<b>Ca (% Sat)</b>	68.9
CEC	15.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	128
K20 (LB/A)	
MGO (LB/a)	0

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

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<b>COUNTY:</b>	<b>Eik</b>	<b># of Samples</b>	13
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	196		
K (ppm)	148	<b>K (% Sat)</b>	2.8
Mg (ppm)	137	<b>Mg (% Sat)</b>	12.5
Ca (ppm)	1,982	<b>Ca (% Sat)</b>	69.9
CEC	13.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1231
N (lb/A)	
P2O5 (LB/A)	58
K20 (LB/A)	44
MGO (LB/a)	22

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<b>COUNTY:</b>	<b>Erie</b>	<b># of Samples</b>	23
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	123		
K (ppm)	181	<b>K (% Sat)</b>	4.5
Mg (ppm)	148	<b>Mg (% Sat)</b>	3.7
Ca (ppm)	1,597	<b>Ca (% Sat)</b>	57.4
CEC	10.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1348
N (lb/A)	
P2O5 (LB/A)	79
K20 (LB/A)	62
MGO (LB/a)	29

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

COUNTY:	<b>Fayette</b>		# of Samples	27
<b>SOIL TEST RESULTS</b>				
RESULT	AVERAGE	RESULT	AVERAGE	
pH	6.7			
Acidity (meq/100 g)	2.2			
P (ppm)	206			
K (ppm)	269	K (% Sat)	4.3	
Mg (ppm)	224	Mg (% Sat)	16.0	
Ca (ppm)	2,617	Ca (% Sat)	68.7	
CEC	15.6			
<b>SOIL TEST RECOMMENDATIONS</b>				
RECOMMENDATION	AVERAGE			
LIME (lb/A)	1426			
N (lb/A)				
P2O5 (LB/A)	142			
K20 (LB/A)	170			
MGO (LB/a)	19			

COUNTY:	<b>Forest</b>		# of Samples	14
<b>SOIL TEST RESULTS</b>				
RESULT	AVERAGE	RESULT	AVERAGE	
pH	6.3			
Acidity (meq/100 g)	3.1			
P (ppm)	74			
K (ppm)	150	K (% Sat)	3.4	
Mg (ppm)	134	Mg (% Sat)	2.1	
Ca (ppm)	1,400	Ca (% Sat)	58.6	
CEC	11.6			
<b>SOIL TEST RECOMMENDATIONS</b>				
RECOMMENDATION	AVERAGE			
LIME (lb/A)	1857			
N (lb/A)				
P2O5 (LB/A)	130			
K20 (LB/A)	123			
MGO (LB/a)	46			

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.0		
P (ppm)	267		
K (ppm)	350	<b>K (% Sat)</b>	5.1
Mg (ppm)	258	<b>Mg (% Sat)</b>	8.7
Ca (ppm)	3,218	<b>Ca (% Sat)</b>	76.9
CEC	17.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	353
N (lb/A)	
P2O5 (LB/A)	143
K20 (LB/A)	
MGO (LB/a)	4

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	264		
K (ppm)	222	<b>K (% Sat)</b>	4.3
Mg (ppm)	199	<b>Mg (% Sat)</b>	16.2
Ca (ppm)	1,894	<b>Ca (% Sat)</b>	63.1
CEC	13.2		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2250
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	2.7		
P (ppm)	34		
K (ppm)	211	K (% Sat)	3.8
Mg (ppm)	207	Mg (% Sat)	12.2
Ca (ppm)	1,862	Ca (% Sat)	65.0
CEC	14.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	667
N (lb/A)	
P2O5 (LB/A)	185
K20 (LB/A)	
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Huntingdon</b>	<b># of Samples</b>	24
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	5.6		
P (ppm)	72		
K (ppm)	150	K (% Sat)	2.6
Mg (ppm)	114	Mg (% Sat)	3.2
Ca (ppm)	1,581	Ca (% Sat)	50.9
CEC	14.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5883
N (lb/A)	
P2O5 (LB/A)	172
K20 (LB/A)	111
MGO (LB/a)	80



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

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<b>COUNTY:</b>	<b>Indiana</b>	<b># of Samples</b>	16
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	180		
K (ppm)	234	<b>K (% Sat)</b>	3.9
Mg (ppm)	279	<b>Mg (% Sat)</b>	3.6
Ca (ppm)	2,583	<b>Ca (% Sat)</b>	65.3
CEC	15.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1300
N (lb/A)	
P2O5 (LB/A)	89
K20 (LB/A)	108
MGO (LB/a)	9

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<b>COUNTY:</b>	<b>Jefferson</b>	<b># of Samples</b>	12
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.1		
P (ppm)	93		
K (ppm)	262	<b>K (% Sat)</b>	4.8
Mg (ppm)	166	<b>Mg (% Sat)</b>	6.9
Ca (ppm)	1,479	<b>Ca (% Sat)</b>	48.9
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3583
N (lb/A)	
P2O5 (LB/A)	167
K20 (LB/A)	92
MGO (LB/a)	21

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

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<b>COUNTY:</b>	<b>Juniata</b>	<b># of Samples</b>	19
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.3		
P (ppm)	309		
K (ppm)	246	<b>K (% Sat)</b>	5.4
Mg (ppm)	198	<b>Mg (% Sat)</b>	11.7
Ca (ppm)	1,822	<b>Ca (% Sat)</b>	67.7
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	474
N (lb/A)	
P2O5 (LB/A)	30
K20 (LB/A)	152
MGO (LB/a)	8

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<b>COUNTY:</b>	<b>Lackawanna</b>	<b># of Samples</b>	69
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	188		
K (ppm)	151	<b>K (% Sat)</b>	3.5
Mg (ppm)	143	<b>Mg (% Sat)</b>	3.2
Ca (ppm)	1,541	<b>Ca (% Sat)</b>	64.8
CEC	11.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2504
N (lb/A)	
P2O5 (LB/A)	88
K20 (LB/A)	102
MGO (LB/a)	19

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

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<b>COUNTY:</b>	<b>Lancaster</b>	<b># of Samples</b>	33
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	235		
K (ppm)	226	K (% Sat)	4.1
Mg (ppm)	253	Mg (% Sat)	9.4
Ca (ppm)	2,258	Ca (% Sat)	63.4
CEC	13.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1045
N (lb/A)	
P2O5 (LB/A)	190
K20 (LB/A)	138
MGO (LB/a)	4

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<b>COUNTY:</b>	<b>Lawrence</b>	<b># of Samples</b>	15
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.8		
P (ppm)	161		
K (ppm)	161	K (% Sat)	3.5
Mg (ppm)	200	Mg (% Sat)	15.1
Ca (ppm)	1,505	Ca (% Sat)	64.3
CEC	11.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1200
N (lb/A)	
P2O5 (LB/A)	102
K20 (LB/A)	81
MGO (LB/a)	5

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

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**COUNTY: Lebanon** **# of Samples** 10

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	121		
K (ppm)	312	<b>K (% Sat)</b>	5.8
Mg (ppm)	185	<b>Mg (% Sat)</b>	8.4
Ca (ppm)	1,937	<b>Ca (% Sat)</b>	68.6
CEC	13.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	138
K20 (LB/A)	120
MGO (LB/a)	0

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**COUNTY: Lehigh** **# of Samples** 50

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.8		
P (ppm)	223		
K (ppm)	262	<b>K (% Sat)</b>	4.2
Mg (ppm)	341	<b>Mg (% Sat)</b>	9.0
Ca (ppm)	2,904	<b>Ca (% Sat)</b>	70.1
CEC	14.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	320
N (lb/A)	
P2O5 (LB/A)	137
K20 (LB/A)	157
MGO (LB/a)	8

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

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<b>COUNTY:</b>	<b>Luzerne</b>	<b># of Samples</b>	30
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	123		
K (ppm)	138	K (% Sat)	3.7
Mg (ppm)	106	Mg (% Sat)	5.4
Ca (ppm)	1,188	Ca (% Sat)	58.7
CEC	9.8		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1850
N (lb/A)	
P2O5 (LB/A)	101
K20 (LB/A)	97
MGO (LB/a)	36

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<b>COUNTY:</b>	<b>Lycoming</b>	<b># of Samples</b>	23
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.3		
P (ppm)	228		
K (ppm)	221	K (% Sat)	4.1
Mg (ppm)	291	Mg (% Sat)	7.2
Ca (ppm)	2,836	Ca (% Sat)	56.5
CEC	14.5		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2261
N (lb/A)	
P2O5 (LB/A)	116
K20 (LB/A)	132
MGO (LB/a)	24

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	146		
K (ppm)	209	<b>K (% Sat)</b>	3.6
Mg (ppm)	224	<b>Mg (% Sat)</b>	20.3
Ca (ppm)	2,169	<b>Ca (% Sat)</b>	68.2
CEC	15.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	205
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>MD-HOWARD</b>	<b># of Samples</b>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	0.0		
P (ppm)	157		
K (ppm)	215	<b>K (% Sat)</b>	3.3
Mg (ppm)	290	<b>Mg (% Sat)</b>	14.5
Ca (ppm)	2,735	<b>Ca (% Sat)</b>	82.2
CEC	16.6		

**SOIL TEST RECOMMENDATIONS**

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

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

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<b>COUNTY:</b>	<b>Mercer</b>	<b># of Samples</b>	20
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	137		
K (ppm)	158	<b>K (% Sat)</b>	3.5
Mg (ppm)	218	<b>Mg (% Sat)</b>	13.5
Ca (ppm)	1,695	<b>Ca (% Sat)</b>	60.8
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	112
K20 (LB/A)	77
MGO (LB/a)	9

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	248		
K (ppm)	254	<b>K (% Sat)</b>	4.9
Mg (ppm)	127	<b>Mg (% Sat)</b>	6.0
Ca (ppm)	2,592	<b>Ca (% Sat)</b>	71.8
CEC	13.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	
MGO (LB/a)	33

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

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<b>COUNTY:</b>	<b>Monroe</b>	<b># of Samples</b>	19
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	132		
K (ppm)	163	K (% Sat)	3.4
Mg (ppm)	182	Mg (% Sat)	8.9
Ca (ppm)	1,589	Ca (% Sat)	54.5
CEC	11.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2368
N (lb/A)	
P2O5 (LB/A)	79
K20 (LB/A)	89
MGO (LB/a)	7

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<b>COUNTY:</b>	<b>Montgomery</b>	<b># of Samples</b>	81
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	189		
K (ppm)	197	K (% Sat)	3.5
Mg (ppm)	270	Mg (% Sat)	14.1
Ca (ppm)	2,007	Ca (% Sat)	66.2
CEC	13.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	852
N (lb/A)	
P2O5 (LB/A)	189
K20 (LB/A)	158
MGO (LB/a)	19



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

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<b>COUNTY:</b>	<b>Montour</b>	<b># of Samples</b>	6
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.0		
P (ppm)	37		
K (ppm)	70	<b>K (% Sat)</b>	1.6
Mg (ppm)	138	<b>Mg (% Sat)</b>	12.7
Ca (ppm)	1,731	<b>Ca (% Sat)</b>	79.3
CEC	11.0		

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SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	333
N (lb/A)	
P2O5 (LB/A)	212
K20 (LB/A)	181
MGO (LB/a)	12

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<b>COUNTY:</b>	<b>Northampton</b>	<b># of Samples</b>	29
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.6		
P (ppm)	174		
K (ppm)	244	<b>K (% Sat)</b>	5.2
Mg (ppm)	244	<b>Mg (% Sat)</b>	7.3
Ca (ppm)	2,132	<b>Ca (% Sat)</b>	65.2
CEC	13.0		

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SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	1048
N (lb/A)	
P2O5 (LB/A)	167
K20 (LB/A)	167
MGO (LB/a)	29

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

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<b>COUNTY:</b>	<b>Northumberland</b>	<b># of Samples</b>	15
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.5		
P (ppm)	151		
K (ppm)	264	<b>K (% Sat)</b>	5.1
Mg (ppm)	156	<b>Mg (% Sat)</b>	7.9
Ca (ppm)	2,166	<b>Ca (% Sat)</b>	72.5
CEC	13.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	867
N (lb/A)	
P2O5 (LB/A)	81
K20 (LB/A)	113
MGO (LB/a)	20

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<b>COUNTY:</b>	<b>Perry</b>	<b># of Samples</b>	38
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	131		
K (ppm)	155	<b>K (% Sat)</b>	3.6
Mg (ppm)	148	<b>Mg (% Sat)</b>	3.8
Ca (ppm)	1,413	<b>Ca (% Sat)</b>	61.6
CEC	11.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1605
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	79
MGO (LB/a)	11

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.4		
P (ppm)	385		
K (ppm)	274	<b>K (% Sat)</b>	4.1
Mg (ppm)	343	<b>Mg (% Sat)</b>	13.4
Ca (ppm)	3,094	<b>Ca (% Sat)</b>	77.0
CEC	16.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	294
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	195
MGO (LB/a)	0

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<b>COUNTY:</b>	<b>Pike</b>	<b># of Samples</b>	7
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	187		
K (ppm)	121	<b>K (% Sat)</b>	2.9
Mg (ppm)	158	<b>Mg (% Sat)</b>	6.8
Ca (ppm)	1,136	<b>Ca (% Sat)</b>	44.1
CEC	11.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2429
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	105
MGO (LB/a)	56

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

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<b>COUNTY:</b>	<b>Potter</b>	<b># of Samples</b>	19
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.7		
P (ppm)	55		
K (ppm)	123	<b>K (% Sat)</b>	2.6
Mg (ppm)	193	<b>Mg (% Sat)</b>	5.9
Ca (ppm)	1,153	<b>Ca (% Sat)</b>	44.9
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3868
N (lb/A)	
P2O5 (LB/A)	96
K20 (LB/A)	73
MGO (LB/a)	22

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<b>COUNTY:</b>	<b>Schuylkill</b>	<b># of Samples</b>	40
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	237		
K (ppm)	278	<b>K (% Sat)</b>	4.8
Mg (ppm)	250	<b>Mg (% Sat)</b>	9.8
Ca (ppm)	1,990	<b>Ca (% Sat)</b>	57.8
CEC	14.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2300
N (lb/A)	
P2O5 (LB/A)	126
K20 (LB/A)	144
MGO (LB/a)	57

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

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<b>COUNTY:</b>	<b>Snyder</b>	<b># of Samples</b>	13
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	96		
K (ppm)	159	<b>K (% Sat)</b>	3.2
Mg (ppm)	225	<b>Mg (% Sat)</b>	14.1
Ca (ppm)	1,779	<b>Ca (% Sat)</b>	64.0
CEC	12.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1462
N (lb/A)	
P2O5 (LB/A)	130
K20 (LB/A)	134
MGO (LB/a)	5

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<b>COUNTY:</b>	<b>Somerset</b>	<b># of Samples</b>	14
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.2		
P (ppm)	155		
K (ppm)	267	<b>K (% Sat)</b>	5.3
Mg (ppm)	229	<b>Mg (% Sat)</b>	11.3
Ca (ppm)	1,996	<b>Ca (% Sat)</b>	70.9
CEC	13.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	143
N (lb/A)	
P2O5 (LB/A)	59
K20 (LB/A)	165
MGO (LB/a)	0

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

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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	6.6		
Acidity (meq/100 g)	2.6		
P (ppm)	240		
K (ppm)	359	<b>K (% Sat)</b>	5.3
Mg (ppm)	240	<b>Mg (% Sat)</b>	13.3
Ca (ppm)	2,853	<b>Ca (% Sat)</b>	64.9
CEC	16.5		

**SOIL TEST RECOMMENDATIONS**

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

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<b>COUNTY:</b>	<b>Susquehanna</b>	<b># of Samples</b>	21
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	144		
K (ppm)	153	<b>K (% Sat)</b>	2.9
Mg (ppm)	198	<b>Mg (% Sat)</b>	9.9
Ca (ppm)	1,946	<b>Ca (% Sat)</b>	59.5
CEC	14.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2167
N (lb/A)	
P2O5 (LB/A)	183
K20 (LB/A)	163
MGO (LB/a)	14

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

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<b>COUNTY:</b>	<b>Tioga</b>	<b># of Samples</b>	13
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	217		
K (ppm)	287	<b>K (% Sat)</b>	4.0
Mg (ppm)	277	<b>Mg (% Sat)</b>	9.5
Ca (ppm)	1,828	<b>Ca (% Sat)</b>	50.8
CEC	15.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3808
N (lb/A)	
P2O5 (LB/A)	130
K20 (LB/A)	128
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.3		
P (ppm)	153		
K (ppm)	185	<b>K (% Sat)</b>	3.8
Mg (ppm)	202	<b>Mg (% Sat)</b>	11.0
Ca (ppm)	2,093	<b>Ca (% Sat)</b>	73.3
CEC	13.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1250
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	128
MGO (LB/a)	0

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.9		
P (ppm)	155		
K (ppm)	97	K (% Sat)	2.5
Mg (ppm)	128	Mg (% Sat)	5.2
Ca (ppm)	817	Ca (% Sat)	39.9
CEC	10.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	100
MGO (LB/a)	35

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<b>COUNTY:</b>	<b>Warren</b>	<b># of Samples</b>	14
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.3		
P (ppm)	110		
K (ppm)	190	K (% Sat)	4.4
Mg (ppm)	161	Mg (% Sat)	6.4
Ca (ppm)	955	Ca (% Sat)	46.2
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3107
N (lb/A)	
P2O5 (LB/A)	114
K20 (LB/A)	93
MGO (LB/a)	11



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

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<b>COUNTY:</b>	<b>Washington</b>	<b># of Samples</b>	34
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.4		
P (ppm)	121		
K (ppm)	258	<b>K (% Sat)</b>	4.0
Mg (ppm)	267	<b>Mg (% Sat)</b>	4.4
Ca (ppm)	2,201	<b>Ca (% Sat)</b>	58.8
CEC	15.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2956
N (lb/A)	
P2O5 (LB/A)	156
K20 (LB/A)	159
MGO (LB/a)	22

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<b>COUNTY:</b>	<b>Wayne</b>	<b># of Samples</b>	19
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.0		
P (ppm)	182		
K (ppm)	203	<b>K (% Sat)</b>	3.5
Mg (ppm)	211	<b>Mg (% Sat)</b>	3.2
Ca (ppm)	2,211	<b>Ca (% Sat)</b>	60.4
CEC	14.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1921
N (lb/A)	
P2O5 (LB/A)	181
K20 (LB/A)	159
MGO (LB/a)	9

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

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<b>COUNTY:</b>	<b>Westmoreland</b>	<b># of Samples</b>	52
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	180		
K (ppm)	284	<b>K (% Sat)</b>	4.3
Mg (ppm)	205	<b>Mg (% Sat)</b>	4.1
Ca (ppm)	2,553	<b>Ca (% Sat)</b>	65.6
CEC	15.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1760
N (lb/A)	
P2O5 (LB/A)	145
K20 (LB/A)	120
MGO (LB/a)	29

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<b>COUNTY:</b>	<b>Wyoming</b>	<b># of Samples</b>	20
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.6		
P (ppm)	179		
K (ppm)	129	<b>K (% Sat)</b>	4.6
Mg (ppm)	101	<b>Mg (% Sat)</b>	9.0
Ca (ppm)	1,084	<b>Ca (% Sat)</b>	66.1
CEC	8.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1375
N (lb/A)	
P2O5 (LB/A)	75
K20 (LB/A)	91
MGO (LB/a)	52

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

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<b>COUNTY:</b>	<b>York</b>	<b># of Samples</b>	19
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.0		
P (ppm)	139		
K (ppm)	243	<b>K (% Sat)</b>	5.5
Mg (ppm)	217	<b>Mg (% Sat)</b>	10.5
Ca (ppm)	1,526	<b>Ca (% Sat)</b>	66.1
CEC	10.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1100
N (lb/A)	
P2O5 (LB/A)	148
K2O (LB/A)	110
MGO (LB/a)	0