

**SUMMARY REPORT**  
**SOIL TEST RESULTS AND RECOMMENDATIONS**  
Commercial Vegetables

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**# of Samples**            1,807

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**SOIL TEST RESULTS**

<b>RESULT</b>	<b>AVERAGE</b>	<b>RESULT</b>	<b>AVERAGE</b>
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	147		
K (ppm)	216	K (% Sat)	4.1
Mg (ppm)	231	Mg (% Sat)	13.7
Ca (ppm)	1,967	Ca (% Sat)	63.1
CEC	13.4		

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**SOIL TEST RECOMMENDATIONS**

<b>RECOMMENDATION</b>	<b>AVERAGE</b>
LIME (lb/A)	1831
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	107
MGO (LB/a)	21

**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>	20
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.5		
P (ppm)	132		
K (ppm)	270	<b>K (% Sat)</b>	4.8
Mg (ppm)	310	<b>Mg (% Sat)</b>	5.2
Ca (ppm)	1,777	<b>Ca (% Sat)</b>	54.7
CEC	13.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	181
K20 (LB/A)	131
MGO (LB/a)	6

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<b>COUNTY:</b>	<b>Allegheny</b>	<b># of Samples</b>	131
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.3		
P (ppm)	122		
K (ppm)	213	<b>K (% Sat)</b>	4.1
Mg (ppm)	213	<b>Mg (% Sat)</b>	5.4
Ca (ppm)	2,073	<b>Ca (% Sat)</b>	69.4
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	683
N (lb/A)	
P2O5 (LB/A)	88
K20 (LB/A)	81
MGO (LB/a)	21

**SUMMARY REPORT**  
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Commercial Vegetables

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	94		
K (ppm)	221	<b>K (% Sat)</b>	4.7
Mg (ppm)	144	<b>Mg (% Sat)</b>	5.2
Ca (ppm)	1,880	<b>Ca (% Sat)</b>	65.0
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1559
N (lb/A)	
P2O5 (LB/A)	110
K20 (LB/A)	67
MGO (LB/a)	21

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	237		
K (ppm)	301	<b>K (% Sat)</b>	5.0
Mg (ppm)	298	<b>Mg (% Sat)</b>	16.7
Ca (ppm)	2,626	<b>Ca (% Sat)</b>	59.4
CEC	14.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1769
N (lb/A)	
P2O5 (LB/A)	45
K20 (LB/A)	15
MGO (LB/a)	35

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**Commercial Vegetables**

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**COUNTY: Bedford** **# of Samples** 4

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	7.4		
P (ppm)	77		
K (ppm)	173	<b>K (% Sat)</b>	3.8
Mg (ppm)	99	<b>Mg (% Sat)</b>	2.6
Ca (ppm)	647	<b>Ca (% Sat)</b>	26.7
CEC	11.9		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	5625
N (lb/A)	
P2O5 (LB/A)	85
K20 (LB/A)	25
MGO (LB/a)	40

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**COUNTY: Berks** **# of Samples** 58

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	183		
K (ppm)	219	<b>K (% Sat)</b>	4.1
Mg (ppm)	247	<b>Mg (% Sat)</b>	6.9
Ca (ppm)	1,929	<b>Ca (% Sat)</b>	64.5
CEC	13.0		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	991
N (lb/A)	
P2O5 (LB/A)	181
K20 (LB/A)	173
MGO (LB/a)	0

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

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COUNTY: **Blair** # of Samples 20

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	206		
K (ppm)	236	K (% Sat)	4.5
Mg (ppm)	220	Mg (% Sat)	4.8
Ca (ppm)	2,130	Ca (% Sat)	58.8
CEC	13.1		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1575
N (lb/A)	
P2O5 (LB/A)	128
K20 (LB/A)	166
MGO (LB/a)	34

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COUNTY: **Bradford** # of Samples 20

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.4		
P (ppm)	162		
K (ppm)	246	K (% Sat)	4.3
Mg (ppm)	207	Mg (% Sat)	3.4
Ca (ppm)	1,582	Ca (% Sat)	55.8
CEC	13.3		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2600
N (lb/A)	
P2O5 (LB/A)	159
K20 (LB/A)	136
MGO (LB/a)	27

**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>	55
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	121		
K (ppm)	165	<b>K (% Sat)</b>	3.4
Mg (ppm)	241	<b>Mg (% Sat)</b>	2.3
Ca (ppm)	1,539	<b>Ca (% Sat)</b>	53.4
CEC	12.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2491
N (lb/A)	
P2O5 (LB/A)	148
K20 (LB/A)	138
MGO (LB/a)	23

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<b>COUNTY:</b>	<b>Butler</b>	<b># of Samples</b>	39
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	149		
K (ppm)	250	<b>K (% Sat)</b>	5.0
Mg (ppm)	171	<b>Mg (% Sat)</b>	6.6
Ca (ppm)	1,974	<b>Ca (% Sat)</b>	66.7
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1026
N (lb/A)	
P2O5 (LB/A)	141
K20 (LB/A)	108
MGO (LB/a)	32

**SUMMARY REPORT**  
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**Commercial Vegetables**

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	53		
K (ppm)	144	K (% Sat)	2.8
Mg (ppm)	212	Mg (% Sat)	9.0
Ca (ppm)	1,449	Ca (% Sat)	57.6
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3250
N (lb/A)	
P2O5 (LB/A)	158
K20 (LB/A)	91
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	1.7		
P (ppm)	288		
K (ppm)	164	K (% Sat)	3.7
Mg (ppm)	206	Mg (% Sat)	8.1
Ca (ppm)	2,151	Ca (% Sat)	58.8
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	145
K20 (LB/A)	80
MGO (LB/a)	70

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**COUNTY: Carbon** **# of Samples** 5

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.0		
P (ppm)	202		
K (ppm)	193	<b>K (% Sat)</b>	4.4
Mg (ppm)	168	<b>Mg (% Sat)</b>	10.7
Ca (ppm)	1,799	<b>Ca (% Sat)</b>	73.8
CEC	11.7		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	400
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	0

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**COUNTY: Centre** **# of Samples** 181

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**SOIL TEST RESULTS**

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RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	2.0		
P (ppm)	102		
K (ppm)	191	<b>K (% Sat)</b>	3.1
Mg (ppm)	275	<b>Mg (% Sat)</b>	3.0
Ca (ppm)	2,147	<b>Ca (% Sat)</b>	64.6
CEC	14.6		

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**SOIL TEST RECOMMENDATIONS**

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RECOMMENDATION	AVERAGE
LIME (lb/A)	1994
N (lb/A)	
P2O5 (LB/A)	121
K20 (LB/A)	100
MGO (LB/a)	39

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<b>COUNTY:</b>	<b>Chester</b>	<b># of Samples</b>	32
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.7		
P (ppm)	198		
K (ppm)	310	<b>K (% Sat)</b>	5.5
Mg (ppm)	300	<b>Mg (% Sat)</b>	7.5
Ca (ppm)	2,003	<b>Ca (% Sat)</b>	63.0
CEC	14.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1141
N (lb/A)	
P2O5 (LB/A)	153
K20 (LB/A)	123
MGO (LB/a)	4

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<b>COUNTY:</b>	<b>Clarion</b>	<b># of Samples</b>	9
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.6		
P (ppm)	37		
K (ppm)	124	<b>K (% Sat)</b>	2.5
Mg (ppm)	224	<b>Mg (% Sat)</b>	5.3
Ca (ppm)	1,553	<b>Ca (% Sat)</b>	58.5
CEC	12.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1556
N (lb/A)	
P2O5 (LB/A)	156
K20 (LB/A)	106
MGO (LB/a)	75

**SUMMARY REPORT**  
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**Commercial Vegetables**

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.6		
P (ppm)	265		
K (ppm)	328	<b>K (% Sat)</b>	5.4
Mg (ppm)	266	<b>Mg (% Sat)</b>	14.2
Ca (ppm)	2,603	<b>Ca (% Sat)</b>	75.3
CEC	14.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	130
K20 (LB/A)	165
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	3.8		
P (ppm)	71		
K (ppm)	72	<b>K (% Sat)</b>	1.3
Mg (ppm)	140	<b>Mg (% Sat)</b>	1.9
Ca (ppm)	1,901	<b>Ca (% Sat)</b>	68.4
CEC	14.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3500
N (lb/A)	
P2O5 (LB/A)	113
K20 (LB/A)	131
MGO (LB/a)	30

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**Commercial Vegetables**

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<b>COUNTY:</b>	<b>Columbia</b>	<b># of Samples</b>	56
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.8		
P (ppm)	128		
K (ppm)	195	<b>K (% Sat)</b>	4.3
Mg (ppm)	158	<b>Mg (% Sat)</b>	4.4
Ca (ppm)	1,407	<b>Ca (% Sat)</b>	56.4
CEC	11.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2027
N (lb/A)	
P2O5 (LB/A)	93
K20 (LB/A)	88
MGO (LB/a)	21

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.3		
P (ppm)	103		
K (ppm)	159	<b>K (% Sat)</b>	3.0
Mg (ppm)	180	<b>Mg (% Sat)</b>	4.3
Ca (ppm)	1,562	<b>Ca (% Sat)</b>	58.7
CEC	13.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	171
K20 (LB/A)	136
MGO (LB/a)	9

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**Commercial Vegetables**

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<b>COUNTY:</b>	<b>Cumberland</b>	<b># of Samples</b>	28
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.4		
P (ppm)	98		
K (ppm)	186	<b>K (% Sat)</b>	3.8
Mg (ppm)	227	<b>Mg (% Sat)</b>	11.4
Ca (ppm)	1,897	<b>Ca (% Sat)</b>	68.9
CEC	12.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	857
N (lb/A)	
P2O5 (LB/A)	136
K20 (LB/A)	124
MGO (LB/a)	13

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<b>COUNTY:</b>	<b>Dauphin</b>	<b># of Samples</b>	111
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	6.2		
P (ppm)	119		
K (ppm)	204	<b>K (% Sat)</b>	3.2
Mg (ppm)	379	<b>Mg (% Sat)</b>	13.7
Ca (ppm)	3,311	<b>Ca (% Sat)</b>	58.8
CEC	21.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	6248
N (lb/A)	
P2O5 (LB/A)	97
K20 (LB/A)	42
MGO (LB/a)	10

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**Commercial Vegetables**

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	1.1		
P (ppm)	181		
K (ppm)	286	<b>K (% Sat)</b>	4.5
Mg (ppm)	336	<b>Mg (% Sat)</b>	17.5
Ca (ppm)	2,482	<b>Ca (% Sat)</b>	68.0
CEC	15.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	389
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	125
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.0		
P (ppm)	131		
K (ppm)	117	<b>K (% Sat)</b>	2.3
Mg (ppm)	119	<b>Mg (% Sat)</b>	1.3
Ca (ppm)	1,426	<b>Ca (% Sat)</b>	53.4
CEC	13.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4400
N (lb/A)	
P2O5 (LB/A)	86
K20 (LB/A)	50
MGO (LB/a)	37

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<b>COUNTY:</b>	<b>Erie</b>	<b># of Samples</b>	25
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.9		
P (ppm)	221		
K (ppm)	218	K (% Sat)	4.2
Mg (ppm)	238	Mg (% Sat)	3.0
Ca (ppm)	2,167	Ca (% Sat)	65.3
CEC	13.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1480
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	82
MGO (LB/a)	6

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	117		
K (ppm)	217	K (% Sat)	3.9
Mg (ppm)	204	Mg (% Sat)	5.0
Ca (ppm)	1,766	Ca (% Sat)	63.1
CEC	13.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2100
N (lb/A)	
P2O5 (LB/A)	155
K20 (LB/A)	134
MGO (LB/a)	14

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	3.0		
P (ppm)	167		
K (ppm)	727	K (% Sat)	8.5
Mg (ppm)	193	Mg (% Sat)	6.8
Ca (ppm)	1,598	Ca (% Sat)	57.1
CEC	13.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2227
N (lb/A)	
P2O5 (LB/A)	104
K20 (LB/A)	35
MGO (LB/a)	20

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.7		
P (ppm)	105		
K (ppm)	193	K (% Sat)	3.7
Mg (ppm)	169	Mg (% Sat)	2.2
Ca (ppm)	1,571	Ca (% Sat)	59.0
CEC	13.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2875
N (lb/A)	
P2O5 (LB/A)	145
K20 (LB/A)	109
MGO (LB/a)	47

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	0.7		
P (ppm)	471		
K (ppm)	211	K (% Sat)	3.7
Mg (ppm)	300	Mg (% Sat)	16.1
Ca (ppm)	2,451	Ca (% Sat)	77.7
CEC	15.8		

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	4.8		
P (ppm)	24		
K (ppm)	123	K (% Sat)	2.6
Mg (ppm)	137	Mg (% Sat)	4.5
Ca (ppm)	1,169	Ca (% Sat)	48.1
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4350
N (lb/A)	
P2O5 (LB/A)	65
K20 (LB/A)	10
MGO (LB/a)	73

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

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<b>COUNTY:</b>	<b>Huntingdon</b>	<b># of Samples</b>	9
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.2		
P (ppm)	99		
K (ppm)	149	<b>K (% Sat)</b>	4.0
Mg (ppm)	140	<b>Mg (% Sat)</b>	10.4
Ca (ppm)	1,735	<b>Ca (% Sat)</b>	70.4
CEC	10.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	667
N (lb/A)	
P2O5 (LB/A)	161
K20 (LB/A)	163
MGO (LB/a)	0

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	142		
K (ppm)	192	<b>K (% Sat)</b>	3.6
Mg (ppm)	199	<b>Mg (% Sat)</b>	4.0
Ca (ppm)	1,889	<b>Ca (% Sat)</b>	63.3
CEC	13.2		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1526
N (lb/A)	
P2O5 (LB/A)	176
K20 (LB/A)	145
MGO (LB/a)	21

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.9		
P (ppm)	168		
K (ppm)	359	K (% Sat)	6.2
Mg (ppm)	258	Mg (% Sat)	3.1
Ca (ppm)	2,162	Ca (% Sat)	62.3
CEC	13.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1255
N (lb/A)	
P2O5 (LB/A)	136
K20 (LB/A)	92
MGO (LB/a)	20

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.0		
P (ppm)	63		
K (ppm)	148	K (% Sat)	3.0
Mg (ppm)	129	Mg (% Sat)	9.7
Ca (ppm)	2,373	Ca (% Sat)	88.7
CEC	13.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	110
K20 (LB/A)	100
MGO (LB/a)	10

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

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<b>COUNTY:</b>	<b>Lackawanna</b>	<b># of Samples</b>	84
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	140		
K (ppm)	145	<b>K (% Sat)</b>	3.5
Mg (ppm)	132	<b>Mg (% Sat)</b>	5.2
Ca (ppm)	1,471	<b>Ca (% Sat)</b>	66.1
CEC	10.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1518
N (lb/A)	
P2O5 (LB/A)	94
K20 (LB/A)	116
MGO (LB/a)	25

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<b>COUNTY:</b>	<b>Lancaster</b>	<b># of Samples</b>	28
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.3		
P (ppm)	168		
K (ppm)	281	<b>K (% Sat)</b>	6.7
Mg (ppm)	210	<b>Mg (% Sat)</b>	5.0
Ca (ppm)	1,910	<b>Ca (% Sat)</b>	64.6
CEC	10.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	714
N (lb/A)	
P2O5 (LB/A)	126
K20 (LB/A)	133
MGO (LB/a)	13

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.0		
P (ppm)	117		
K (ppm)	230	<b>K (% Sat)</b>	4.8
Mg (ppm)	188	<b>Mg (% Sat)</b>	14.5
Ca (ppm)	1,927	<b>Ca (% Sat)</b>	73.6
CEC	12.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	237
N (lb/A)	
P2O5 (LB/A)	84
K20 (LB/A)	30
MGO (LB/a)	11

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.0		
P (ppm)	345		
K (ppm)	380	<b>K (% Sat)</b>	5.8
Mg (ppm)	275	<b>Mg (% Sat)</b>	9.0
Ca (ppm)	2,530	<b>Ca (% Sat)</b>	65.6
CEC	15.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1353
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	228
MGO (LB/a)	0

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

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<b>COUNTY:</b>	<b>Lehigh</b>	<b># of Samples</b>	49
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.9		
P (ppm)	250		
K (ppm)	324	<b>K (% Sat)</b>	5.0
Mg (ppm)	296	<b>Mg (% Sat)</b>	9.7
Ca (ppm)	2,826	<b>Ca (% Sat)</b>	71.5
CEC	14.6		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	118
K20 (LB/A)	163
MGO (LB/a)	5

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<b>COUNTY:</b>	<b>Luzerne</b>	<b># of Samples</b>	51
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	245		
K (ppm)	187	<b>K (% Sat)</b>	4.1
Mg (ppm)	168	<b>Mg (% Sat)</b>	3.1
Ca (ppm)	1,861	<b>Ca (% Sat)</b>	63.2
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1588
N (lb/A)	
P2O5 (LB/A)	112
K20 (LB/A)	116
MGO (LB/a)	22

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

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<b>COUNTY:</b>	<b>Lycoming</b>	<b># of Samples</b>	18
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	175		
K (ppm)	216	<b>K (% Sat)</b>	4.2
Mg (ppm)	168	<b>Mg (% Sat)</b>	5.5
Ca (ppm)	1,640	<b>Ca (% Sat)</b>	64.1
CEC	12.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1306
N (lb/A)	
P2O5 (LB/A)	61
K20 (LB/A)	58
MGO (LB/a)	8

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<b>COUNTY:</b>	<b>McKean</b>	<b># of Samples</b>	18
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.5		
P (ppm)	27		
K (ppm)	102	<b>K (% Sat)</b>	2.1
Mg (ppm)	141	<b>Mg (% Sat)</b>	2.9
Ca (ppm)	1,672	<b>Ca (% Sat)</b>	70.1
CEC	12.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2083
N (lb/A)	
P2O5 (LB/A)	103
K20 (LB/A)	42
MGO (LB/a)	28

**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>	14
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.5		
P (ppm)	162		
K (ppm)	213	<b>K (% Sat)</b>	4.2
Mg (ppm)	193	<b>Mg (% Sat)</b>	2.8
Ca (ppm)	1,963	<b>Ca (% Sat)</b>	68.8
CEC	11.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	857
N (lb/A)	
P2O5 (LB/A)	121
K20 (LB/A)	121
MGO (LB/a)	62

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	3.1		
P (ppm)	127		
K (ppm)	216	<b>K (% Sat)</b>	4.3
Mg (ppm)	203	<b>Mg (% Sat)</b>	7.6
Ca (ppm)	1,942	<b>Ca (% Sat)</b>	53.8
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2400
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	105
MGO (LB/a)	44

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

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

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.1		
P (ppm)	259		
K (ppm)	218	<b>K (% Sat)</b>	4.3
Mg (ppm)	264	<b>Mg (% Sat)</b>	18.8
Ca (ppm)	2,855	<b>Ca (% Sat)</b>	65.1
CEC	13.4		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	265
K20 (LB/A)	
MGO (LB/a)	0

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**COUNTY: Montgomery** **# of Samples** 81

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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	130		
K (ppm)	187	<b>K (% Sat)</b>	4.0
Mg (ppm)	241	<b>Mg (% Sat)</b>	5.7
Ca (ppm)	1,494	<b>Ca (% Sat)</b>	57.9
CEC	12.0		

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**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2265
N (lb/A)	
P2O5 (LB/A)	213
K20 (LB/A)	161
MGO (LB/a)	28

**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>	1
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.6		
Acidity (meq/100 g)	0.0		
P (ppm)	410		
K (ppm)	318	K (% Sat)	5.6
Mg (ppm)	324	Mg (% Sat)	18.4
Ca (ppm)	2,231	Ca (% Sat)	76.0
CEC	14.7		

**SOIL TEST RECOMMENDATIONS**

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

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<b>COUNTY:</b>	<b>Northampton</b>	<b># of Samples</b>	36
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.7		
P (ppm)	148		
K (ppm)	248	K (% Sat)	5.3
Mg (ppm)	228	Mg (% Sat)	8.8
Ca (ppm)	2,055	Ca (% Sat)	63.8
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1194
N (lb/A)	
P2O5 (LB/A)	133
K20 (LB/A)	122
MGO (LB/a)	7

**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>	12
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	228		
K (ppm)	252	<b>K (% Sat)</b>	5.1
Mg (ppm)	180	<b>Mg (% Sat)</b>	4.3
Ca (ppm)	2,109	<b>Ca (% Sat)</b>	61.8
CEC	12.9		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1750
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	100
MGO (LB/a)	11

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	166		
K (ppm)	228	<b>K (% Sat)</b>	4.7
Mg (ppm)	160	<b>Mg (% Sat)</b>	5.7
Ca (ppm)	1,548	<b>Ca (% Sat)</b>	60.4
CEC	12.5		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	99
K20 (LB/A)	
MGO (LB/a)	9

**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>	27
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.2		
P (ppm)	336		
K (ppm)	245	<b>K (% Sat)</b>	4.2
Mg (ppm)	325	<b>Mg (% Sat)</b>	20.1
Ca (ppm)	2,671	<b>Ca (% Sat)</b>	75.9
CEC	15.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	184
MGO (LB/a)	4

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.3		
P (ppm)	101		
K (ppm)	228	<b>K (% Sat)</b>	4.2
Mg (ppm)	178	<b>Mg (% Sat)</b>	7.9
Ca (ppm)	1,311	<b>Ca (% Sat)</b>	47.9
CEC	14.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	4593
N (lb/A)	
P2O5 (LB/A)	146
K20 (LB/A)	25
MGO (LB/a)	44

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

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<b>COUNTY:</b>	<b>Schuylkill</b>	<b># of Samples</b>	28
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	182		
K (ppm)	209	<b>K (% Sat)</b>	4.1
Mg (ppm)	228	<b>Mg (% Sat)</b>	1.6
Ca (ppm)	1,790	<b>Ca (% Sat)</b>	61.4
CEC	12.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1089
N (lb/A)	
P2O5 (LB/A)	111
K20 (LB/A)	74
MGO (LB/a)	27

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.1		
P (ppm)	107		
K (ppm)	127	<b>K (% Sat)</b>	3.1
Mg (ppm)	84	<b>Mg (% Sat)</b>	10.1
Ca (ppm)	1,568	<b>Ca (% Sat)</b>	75.4
CEC	10.0		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	45
K20 (LB/A)	78
MGO (LB/a)	33

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	3.7		
P (ppm)	85		
K (ppm)	261	<b>K (% Sat)</b>	3.8
Mg (ppm)	565	<b>Mg (% Sat)</b>	10.7
Ca (ppm)	2,412	<b>Ca (% Sat)</b>	57.4
CEC	19.8		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	122
K20 (LB/A)	80
MGO (LB/a)	3

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.0		
P (ppm)	86		
K (ppm)	47	<b>K (% Sat)</b>	1.3
Mg (ppm)	163	<b>Mg (% Sat)</b>	15.2
Ca (ppm)	1,493	<b>Ca (% Sat)</b>	83.5
CEC	8.9		

**SOIL TEST RECOMMENDATIONS**

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

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

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<b>COUNTY:</b>	<b>Susquehanna</b>	<b># of Samples</b>	28
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.5		
P (ppm)	223		
K (ppm)	269	<b>K (% Sat)</b>	4.2
Mg (ppm)	294	<b>Mg (% Sat)</b>	11.9
Ca (ppm)	1,832	<b>Ca (% Sat)</b>	60.0
CEC	13.7		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	2018
N (lb/A)	
P2O5 (LB/A)	159
K20 (LB/A)	150
MGO (LB/a)	9

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	102		
K (ppm)	154	<b>K (% Sat)</b>	3.3
Mg (ppm)	242	<b>Mg (% Sat)</b>	10.6
Ca (ppm)	1,429	<b>Ca (% Sat)</b>	56.5
CEC	12.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1458
N (lb/A)	
P2O5 (LB/A)	132
K20 (LB/A)	56
MGO (LB/a)	7

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.0		
P (ppm)	122		
K (ppm)	184	<b>K (% Sat)</b>	4.3
Mg (ppm)	156	<b>Mg (% Sat)</b>	16.5
Ca (ppm)	1,660	<b>Ca (% Sat)</b>	74.2
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	774
N (lb/A)	
P2O5 (LB/A)	132
K20 (LB/A)	90
MGO (LB/a)	17

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	198		
K (ppm)	260	<b>K (% Sat)</b>	4.0
Mg (ppm)	225	<b>Mg (% Sat)</b>	8.8
Ca (ppm)	1,828	<b>Ca (% Sat)</b>	56.8
CEC	15.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3300
N (lb/A)	
P2O5 (LB/A)	233
K20 (LB/A)	190
MGO (LB/a)	60

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	5.1		
P (ppm)	72		
K (ppm)	168	<b>K (% Sat)</b>	3.3
Mg (ppm)	190	<b>Mg (% Sat)</b>	5.0
Ca (ppm)	1,261	<b>Ca (% Sat)</b>	48.3
CEC	13.4		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	3300
N (lb/A)	
P2O5 (LB/A)	77
K20 (LB/A)	122
MGO (LB/a)	25

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<b>COUNTY:</b>	<b>Washington</b>	<b># of Samples</b>	37
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**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	125		
K (ppm)	261	<b>K (% Sat)</b>	4.7
Mg (ppm)	264	<b>Mg (% Sat)</b>	15.2
Ca (ppm)	2,142	<b>Ca (% Sat)</b>	62.8
CEC	14.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1300
N (lb/A)	
P2O5 (LB/A)	114
K20 (LB/A)	125
MGO (LB/a)	5

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.1		
P (ppm)	141		
K (ppm)	144	K (% Sat)	3.0
Mg (ppm)	174	Mg (% Sat)	3.0
Ca (ppm)	1,659	Ca (% Sat)	67.3
CEC	12.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	875
N (lb/A)	
P2O5 (LB/A)	79
K20 (LB/A)	86
MGO (LB/a)	12

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	134		
K (ppm)	251	K (% Sat)	4.9
Mg (ppm)	197	Mg (% Sat)	7.4
Ca (ppm)	1,708	Ca (% Sat)	59.3
CEC	13.3		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1485
N (lb/A)	
P2O5 (LB/A)	89
K20 (LB/A)	63
MGO (LB/a)	12

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

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.6		
P (ppm)	174		
K (ppm)	177	K (% Sat)	4.2
Mg (ppm)	179	Mg (% Sat)	12.7
Ca (ppm)	1,540	Ca (% Sat)	66.3
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	1058
N (lb/A)	
P2O5 (LB/A)	142
K20 (LB/A)	108
MGO (LB/a)	12

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

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.4		
P (ppm)	123		
K (ppm)	222	K (% Sat)	5.0
Mg (ppm)	243	Mg (% Sat)	11.8
Ca (ppm)	1,675	Ca (% Sat)	59.8
CEC	11.1		

**SOIL TEST RECOMMENDATIONS**

RECOMMENDATION	AVERAGE
LIME (lb/A)	391
N (lb/A)	
P2O5 (LB/A)	94
K20 (LB/A)	86
MGO (LB/a)	0