

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Commercial Vegetables

of Samples 1,379

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	146		
K (ppm)	208	K (% Sat)	3.6
Mg (ppm)	222	Mg (% Sat)	12.9
Ca (ppm)	2,218	Ca (% Sat)	65.5
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1288
N (lb/A)	
P2O5 (LB/A)	132
K20 (LB/A)	118
MGO (LB/a)	13

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COUNTY:	Adams	# of Samples	35
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.5		
P (ppm)	121		
K (ppm)	417	K (% Sat)	5.5
Mg (ppm)	298	Mg (% Sat)	8.9
Ca (ppm)	2,190	Ca (% Sat)	67.1
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	514
N (lb/A)	
P2O5 (LB/A)	161
K20 (LB/A)	121
MGO (LB/a)	2

COUNTY:	Allegheny	# of Samples	111
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.3		
P (ppm)	119		
K (ppm)	198	K (% Sat)	3.4
Mg (ppm)	257	Mg (% Sat)	7.9
Ca (ppm)	2,545	Ca (% Sat)	69.8
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	734
N (lb/A)	
P2O5 (LB/A)	102
K20 (LB/A)	100
MGO (LB/a)	7

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COUNTY: **Armstrong** # of Samples **7**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.0		
P (ppm)	85		
K (ppm)	219	K (% Sat)	3.8
Mg (ppm)	165	Mg (% Sat)	4.6
Ca (ppm)	1,585	Ca (% Sat)	54.4
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2571
N (lb/A)	
P2O5 (LB/A)	160
K20 (LB/A)	138
MGO (LB/a)	17

COUNTY: **Beaver** # of Samples **10**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.6		
P (ppm)	106		
K (ppm)	209	K (% Sat)	3.3
Mg (ppm)	215	Mg (% Sat)	7.6
Ca (ppm)	2,992	Ca (% Sat)	65.7
CEC	15.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2100
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	135
MGO (LB/a)	50

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COUNTY: Bedford **# of Samples** 5

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	150		
K (ppm)	278	K (% Sat)	4.5
Mg (ppm)	204	Mg (% Sat)	5.1
Ca (ppm)	1,977	Ca (% Sat)	62.8
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2200
N (lb/A)	
P2O5 (LB/A)	245
K20 (LB/A)	80
MGO (LB/a)	35

COUNTY: Berks **# of Samples** 22

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.2		
P (ppm)	202		
K (ppm)	186	K (% Sat)	3.3
Mg (ppm)	240	Mg (% Sat)	12.1
Ca (ppm)	2,642	Ca (% Sat)	73.6
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	659
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	158
MGO (LB/a)	13

SUMMARY REPORT
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COUNTY: Blair **# of Samples** 18

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	183		
K (ppm)	252	K (% Sat)	3.8
Mg (ppm)	272	Mg (% Sat)	4.3
Ca (ppm)	2,413	Ca (% Sat)	63.1
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1056
N (lb/A)	
P2O5 (LB/A)	104
K20 (LB/A)	88
MGO (LB/a)	28

COUNTY: Bradford **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	100		
K (ppm)	187	K (% Sat)	3.7
Mg (ppm)	158	Mg (% Sat)	6.2
Ca (ppm)	1,465	Ca (% Sat)	55.4
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2583
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	75
MGO (LB/a)	5

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COUNTY:	Bucks	# of Samples	89
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	97		
K (ppm)	172	K (% Sat)	3.8
Mg (ppm)	236	Mg (% Sat)	6.7
Ca (ppm)	1,575	Ca (% Sat)	57.8
CEC	11.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1044
N (lb/A)	
P2O5 (LB/A)	157
K20 (LB/A)	159
MGO (LB/a)	2

COUNTY:	Butler	# of Samples	29
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	127		
K (ppm)	192	K (% Sat)	3.6
Mg (ppm)	166	Mg (% Sat)	1.3
Ca (ppm)	2,100	Ca (% Sat)	68.5
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1241
N (lb/A)	
P2O5 (LB/A)	115
K20 (LB/A)	64
MGO (LB/a)	13

SUMMARY REPORT
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Commercial Vegetables

COUNTY:	Cambria	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	206		
K (ppm)	197	K (% Sat)	3.1
Mg (ppm)	257	Mg (% Sat)	7.1
Ca (ppm)	2,480	Ca (% Sat)	60.3
CEC	16.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1333
N (lb/A)	
P2O5 (LB/A)	192
K20 (LB/A)	115
MGO (LB/a)	0

COUNTY:	Cameron	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	3.4		
P (ppm)	126		
K (ppm)	196	K (% Sat)	3.5
Mg (ppm)	82	Mg (% Sat)	4.8
Ca (ppm)	1,933	Ca (% Sat)	67.8
CEC	14.2		

SOIL TEST RECOMMENDATIONS

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

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COUNTY: Carbon **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.5		
P (ppm)	236		
K (ppm)	105	K (% Sat)	1.9
Mg (ppm)	161	Mg (% Sat)	7.1
Ca (ppm)	1,776	Ca (% Sat)	52.4
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	255
K20 (LB/A)	220
MGO (LB/a)	15

COUNTY: Centre **# of Samples** 112

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	90		
K (ppm)	166	K (% Sat)	3.2
Mg (ppm)	184	Mg (% Sat)	7.6
Ca (ppm)	1,877	Ca (% Sat)	68.9
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	616
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	132
MGO (LB/a)	5

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COUNTY:	Chester	# of Samples	32
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.3		
Acidity (meq/100 g)	0.5		
P (ppm)	316		
K (ppm)	315	K (% Sat)	4.2
Mg (ppm)	358	Mg (% Sat)	11.4
Ca (ppm)	3,899	Ca (% Sat)	75.1
CEC	18.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	294
N (lb/A)	
P2O5 (LB/A)	204
K20 (LB/A)	153
MGO (LB/a)	0

COUNTY:	Clarion	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.2		
P (ppm)	128		
K (ppm)	139	K (% Sat)	2.5
Mg (ppm)	132	Mg (% Sat)	6.7
Ca (ppm)	1,939	Ca (% Sat)	59.5
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2400
N (lb/A)	
P2O5 (LB/A)	160
K20 (LB/A)	158
MGO (LB/a)	51

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COUNTY:	Clearfield	# of Samples	23
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	125		
K (ppm)	158	K (% Sat)	3.1
Mg (ppm)	175	Mg (% Sat)	3.7
Ca (ppm)	2,201	Ca (% Sat)	65.4
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	870
N (lb/A)	
P2O5 (LB/A)	158
K20 (LB/A)	107
MGO (LB/a)	50

COUNTY:	Clinton	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.1		
P (ppm)	202		
K (ppm)	215	K (% Sat)	4.5
Mg (ppm)	141	Mg (% Sat)	9.2
Ca (ppm)	2,424	Ca (% Sat)	77.1
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	308
N (lb/A)	
P2O5 (LB/A)	155
K20 (LB/A)	155
MGO (LB/a)	18

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COUNTY:	Columbia	# of Samples	26
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	154		
K (ppm)	176	K (% Sat)	3.6
Mg (ppm)	182	Mg (% Sat)	14.5
Ca (ppm)	1,713	Ca (% Sat)	65.8
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	827
N (lb/A)	
P2O5 (LB/A)	99
K20 (LB/A)	135
MGO (LB/a)	13

COUNTY:	Crawford	# of Samples	28
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	81		
K (ppm)	137	K (% Sat)	2.9
Mg (ppm)	152	Mg (% Sat)	8.5
Ca (ppm)	1,705	Ca (% Sat)	60.8
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1839
N (lb/A)	
P2O5 (LB/A)	121
K20 (LB/A)	118
MGO (LB/a)	9

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COUNTY:	Cumberland	# of Samples	35
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.4		
P (ppm)	127		
K (ppm)	257	K (% Sat)	4.5
Mg (ppm)	203	Mg (% Sat)	5.2
Ca (ppm)	2,163	Ca (% Sat)	64.3
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1829
N (lb/A)	
P2O5 (LB/A)	128
K20 (LB/A)	85
MGO (LB/a)	12

COUNTY:	Dauphin	# of Samples	34
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.9		
P (ppm)	123		
K (ppm)	164	K (% Sat)	3.2
Mg (ppm)	211	Mg (% Sat)	11.6
Ca (ppm)	2,047	Ca (% Sat)	74.1
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	224
N (lb/A)	
P2O5 (LB/A)	157
K20 (LB/A)	140
MGO (LB/a)	2

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COUNTY:	Delaware	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.5		
P (ppm)	220		
K (ppm)	362	K (% Sat)	4.7
Mg (ppm)	370	Mg (% Sat)	3.0
Ca (ppm)	2,515	Ca (% Sat)	57.0
CEC	15.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	
MGO (LB/a)	230

COUNTY:	Eik	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.6		
P (ppm)	233		
K (ppm)	296	K (% Sat)	4.0
Mg (ppm)	316	Mg (% Sat)	5.0
Ca (ppm)	4,286	Ca (% Sat)	77.7
CEC	17.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	200
N (lb/A)	
P2O5 (LB/A)	102
K20 (LB/A)	114
MGO (LB/a)	20

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COUNTY: Erie **# of Samples** 7

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.7		
P (ppm)	94		
K (ppm)	199	K (% Sat)	3.8
Mg (ppm)	184	Mg (% Sat)	7.5
Ca (ppm)	2,140	Ca (% Sat)	61.3
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	643
N (lb/A)	
P2O5 (LB/A)	65
K20 (LB/A)	30
MGO (LB/a)	10

COUNTY: Fayette **# of Samples** 21

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.6		
P (ppm)	89		
K (ppm)	170	K (% Sat)	3.1
Mg (ppm)	197	Mg (% Sat)	7.0
Ca (ppm)	1,919	Ca (% Sat)	63.9
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1381
N (lb/A)	
P2O5 (LB/A)	128
K20 (LB/A)	107
MGO (LB/a)	8

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COUNTY: Forest **# of Samples** 7

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.7		
P (ppm)	152		
K (ppm)	189	K (% Sat)	3.4
Mg (ppm)	201	Mg (% Sat)	8.1
Ca (ppm)	2,095	Ca (% Sat)	71.5
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	12

COUNTY: Franklin **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.7		
P (ppm)	363		
K (ppm)	329	K (% Sat)	4.2
Mg (ppm)	313	Mg (% Sat)	9.9
Ca (ppm)	4,825	Ca (% Sat)	79.3
CEC	19.1		

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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Commercial Vegetables

COUNTY:	Fulton	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	227		
K (ppm)	462	K (% Sat)	8.5
Mg (ppm)	204	Mg (% Sat)	12.2
Ca (ppm)	1,808	Ca (% Sat)	64.9
CEC	13.9		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Greene	# of Samples	5
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	67		
K (ppm)	256	K (% Sat)	4.4
Mg (ppm)	142	Mg (% Sat)	7.9
Ca (ppm)	2,345	Ca (% Sat)	68.7
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1800
N (lb/A)	
P2O5 (LB/A)	77
K20 (LB/A)	
MGO (LB/a)	0

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COUNTY:	Huntingdon	# of Samples	50
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.9		
P (ppm)	54		
K (ppm)	142	K (% Sat)	2.5
Mg (ppm)	171	Mg (% Sat)	8.2
Ca (ppm)	1,814	Ca (% Sat)	53.1
CEC	15.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	5020
N (lb/A)	
P2O5 (LB/A)	138
K20 (LB/A)	178
MGO (LB/a)	23

COUNTY:	Indiana	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	87		
K (ppm)	280	K (% Sat)	4.5
Mg (ppm)	183	Mg (% Sat)	6.0
Ca (ppm)	2,675	Ca (% Sat)	66.1
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1833
N (lb/A)	
P2O5 (LB/A)	148
K20 (LB/A)	80
MGO (LB/a)	10

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COUNTY:	Jefferson	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.3		
Acidity (meq/100 g)	0.2		
P (ppm)	316		
K (ppm)	280	K (% Sat)	4.2
Mg (ppm)	227	Mg (% Sat)	9.2
Ca (ppm)	3,505	Ca (% Sat)	82.9
CEC	16.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	15
MGO (LB/a)	1

COUNTY:	Juniata	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.0		
P (ppm)	193		
K (ppm)	553	K (% Sat)	9.1
Mg (ppm)	273	Mg (% Sat)	17.1
Ca (ppm)	2,017	Ca (% Sat)	74.6
CEC	13.8		

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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COUNTY:	Lackawanna	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	176		
K (ppm)	105	K (% Sat)	2.2
Mg (ppm)	148	Mg (% Sat)	6.8
Ca (ppm)	1,955	Ca (% Sat)	69.8
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	375
N (lb/A)	
P2O5 (LB/A)	35
K20 (LB/A)	84
MGO (LB/a)	20

COUNTY:	Lancaster	# of Samples	18
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	222		
K (ppm)	282	K (% Sat)	4.6
Mg (ppm)	250	Mg (% Sat)	6.4
Ca (ppm)	2,327	Ca (% Sat)	67.7
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1250
N (lb/A)	
P2O5 (LB/A)	133
K20 (LB/A)	99
MGO (LB/a)	2

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

COUNTY:	Lawrence	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	119		
K (ppm)	161	K (% Sat)	2.6
Mg (ppm)	236	Mg (% Sat)	8.5
Ca (ppm)	1,958	Ca (% Sat)	60.5
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1385
N (lb/A)	
P2O5 (LB/A)	165
K20 (LB/A)	183
MGO (LB/a)	7

COUNTY:	Lebanon	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.7		
P (ppm)	300		
K (ppm)	278	K (% Sat)	3.8
Mg (ppm)	396	Mg (% Sat)	11.2
Ca (ppm)	3,317	Ca (% Sat)	75.0
CEC	18.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	160
K20 (LB/A)	
MGO (LB/a)	0

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

COUNTY:	Lehigh	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.3		
P (ppm)	181		
K (ppm)	194	K (% Sat)	3.4
Mg (ppm)	262	Mg (% Sat)	10.3
Ca (ppm)	2,874	Ca (% Sat)	72.4
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	250
N (lb/A)	
P2O5 (LB/A)	96
K20 (LB/A)	88
MGO (LB/a)	4

COUNTY:	Luzerne	# of Samples	19
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	145		
K (ppm)	128	K (% Sat)	2.9
Mg (ppm)	134	Mg (% Sat)	4.0
Ca (ppm)	1,830	Ca (% Sat)	64.2
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1395
N (lb/A)	
P2O5 (LB/A)	93
K20 (LB/A)	81
MGO (LB/a)	22

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

COUNTY: Lycoming **# of Samples** 5

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.5		
P (ppm)	94		
K (ppm)	226	K (% Sat)	4.3
Mg (ppm)	154	Mg (% Sat)	6.4
Ca (ppm)	1,686	Ca (% Sat)	60.9
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1600
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	15
MGO (LB/a)	68

COUNTY: McKean **# of Samples** 9

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.8		
P (ppm)	70		
K (ppm)	184	K (% Sat)	3.2
Mg (ppm)	161	Mg (% Sat)	5.6
Ca (ppm)	1,713	Ca (% Sat)	50.6
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3722
N (lb/A)	
P2O5 (LB/A)	109
K20 (LB/A)	59
MGO (LB/a)	21

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

COUNTY:	Mercer	# of Samples	27
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	138		
K (ppm)	169	K (% Sat)	3.1
Mg (ppm)	162	Mg (% Sat)	5.5
Ca (ppm)	2,204	Ca (% Sat)	69.9
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	981
N (lb/A)	
P2O5 (LB/A)	133
K20 (LB/A)	102
MGO (LB/a)	16

COUNTY:	Mifflin	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.0		
P (ppm)	149		
K (ppm)	146	K (% Sat)	3.6
Mg (ppm)	161	Mg (% Sat)	13.8
Ca (ppm)	1,845	Ca (% Sat)	72.1
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	15
MGO (LB/a)	0

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

COUNTY: Monroe **# of Samples** 10

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.9		
P (ppm)	116		
K (ppm)	309	K (% Sat)	4.3
Mg (ppm)	176	Mg (% Sat)	6.1
Ca (ppm)	2,255	Ca (% Sat)	61.9
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1100
N (lb/A)	
P2O5 (LB/A)	152
K20 (LB/A)	126
MGO (LB/a)	36

COUNTY: Montgomery **# of Samples** 60

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.1		
P (ppm)	154		
K (ppm)	268	K (% Sat)	4.1
Mg (ppm)	311	Mg (% Sat)	10.0
Ca (ppm)	2,156	Ca (% Sat)	68.9
CEC	14.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	517
N (lb/A)	
P2O5 (LB/A)	141
K20 (LB/A)	141
MGO (LB/a)	6

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

COUNTY:	Montour	# of Samples	7
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.7		
P (ppm)	258		
K (ppm)	271	K (% Sat)	4.6
Mg (ppm)	156	Mg (% Sat)	7.1
Ca (ppm)	2,643	Ca (% Sat)	82.8
CEC	15.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	429
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	40

COUNTY:	Northampton	# of Samples	21
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.0		
P (ppm)	173		
K (ppm)	204	K (% Sat)	4.3
Mg (ppm)	222	Mg (% Sat)	16.0
Ca (ppm)	1,918	Ca (% Sat)	58.9
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	762
N (lb/A)	
P2O5 (LB/A)	145
K20 (LB/A)	161
MGO (LB/a)	2

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

COUNTY:	Philadelphia	# of Samples	31
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.2		
P (ppm)	249		
K (ppm)	304	K (% Sat)	4.4
Mg (ppm)	366	Mg (% Sat)	4.8
Ca (ppm)	2,838	Ca (% Sat)	66.7
CEC	16.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1258
N (lb/A)	
P2O5 (LB/A)	95
K20 (LB/A)	178
MGO (LB/a)	53

COUNTY:	Pike	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.2		
P (ppm)	262		
K (ppm)	73	K (% Sat)	1.5
Mg (ppm)	135	Mg (% Sat)	6.0
Ca (ppm)	1,617	Ca (% Sat)	52.1
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	200
K20 (LB/A)	170
MGO (LB/a)	40

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

COUNTY: Potter **# of Samples** 9

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.3		
P (ppm)	133		
K (ppm)	178	K (% Sat)	3.1
Mg (ppm)	225	Mg (% Sat)	9.3
Ca (ppm)	2,452	Ca (% Sat)	76.3
CEC	15.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	667
N (lb/A)	
P2O5 (LB/A)	208
K20 (LB/A)	146
MGO (LB/a)	0

COUNTY: Schuylkill **# of Samples** 7

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	282		
K (ppm)	234	K (% Sat)	4.3
Mg (ppm)	182	Mg (% Sat)	6.0
Ca (ppm)	1,967	Ca (% Sat)	66.2
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1571
N (lb/A)	
P2O5 (LB/A)	40
K20 (LB/A)	128
MGO (LB/a)	8

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

COUNTY:	Snyder	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.7		
P (ppm)	248		
K (ppm)	267	K (% Sat)	4.8
Mg (ppm)	174	Mg (% Sat)	8.6
Ca (ppm)	2,668	Ca (% Sat)	70.4
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	909
N (lb/A)	
P2O5 (LB/A)	155
K20 (LB/A)	57
MGO (LB/a)	2

COUNTY:	Somerset	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.1		
P (ppm)	252		
K (ppm)	311	K (% Sat)	4.5
Mg (ppm)	277	Mg (% Sat)	22.6
Ca (ppm)	3,024	Ca (% Sat)	76.8
CEC	17.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	679
N (lb/A)	
P2O5 (LB/A)	145
K20 (LB/A)	104
MGO (LB/a)	5

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

COUNTY:	Sullivan	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.1		
P (ppm)	51		
K (ppm)	120	K (% Sat)	2.5
Mg (ppm)	92	Mg (% Sat)	6.3
Ca (ppm)	1,186	Ca (% Sat)	49.0
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
N (lb/A)	
P2O5 (LB/A)	35
K20 (LB/A)	
MGO (LB/a)	20

COUNTY:	Susquehanna	# of Samples	29
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.7		
P (ppm)	95		
K (ppm)	161	K (% Sat)	3.0
Mg (ppm)	196	Mg (% Sat)	7.1
Ca (ppm)	1,529	Ca (% Sat)	46.5
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3241
N (lb/A)	
P2O5 (LB/A)	131
K20 (LB/A)	83
MGO (LB/a)	5

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

COUNTY:	Tioga	# of Samples	25
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	244		
K (ppm)	219	K (% Sat)	3.6
Mg (ppm)	243	Mg (% Sat)	4.9
Ca (ppm)	2,798	Ca (% Sat)	60.2
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2040
N (lb/A)	
P2O5 (LB/A)	149
K20 (LB/A)	79
MGO (LB/a)	17

COUNTY:	Union	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	95		
K (ppm)	140	K (% Sat)	3.1
Mg (ppm)	191	Mg (% Sat)	5.9
Ca (ppm)	2,143	Ca (% Sat)	61.7
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2143
N (lb/A)	
P2O5 (LB/A)	130
K20 (LB/A)	147
MGO (LB/a)	22

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

COUNTY: Venango **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.7		
P (ppm)	89		
K (ppm)	200	K (% Sat)	3.8
Mg (ppm)	142	Mg (% Sat)	9.1
Ca (ppm)	1,637	Ca (% Sat)	60.6
CEC	13.5		

SOIL TEST RECOMMENDATIONS

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

COUNTY: Venango **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.0		
P (ppm)	176		
K (ppm)	149	K (% Sat)	2.1
Mg (ppm)	365	Mg (% Sat)	12.0
Ca (ppm)	3,501	Ca (% Sat)	81.5
CEC	18.3		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY:	Warren	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.8		
P (ppm)	245		
K (ppm)	270	K (% Sat)	4.2
Mg (ppm)	257	Mg (% Sat)	13.3
Ca (ppm)	2,192	Ca (% Sat)	55.2
CEC	15.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3350
N (lb/A)	
P2O5 (LB/A)	150
K20 (LB/A)	120
MGO (LB/a)	6

COUNTY:	Washington	# of Samples	47
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.6		
P (ppm)	79		
K (ppm)	186	K (% Sat)	3.4
Mg (ppm)	210	Mg (% Sat)	5.5
Ca (ppm)	1,752	Ca (% Sat)	51.7
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3587
N (lb/A)	
P2O5 (LB/A)	114
K20 (LB/A)	128
MGO (LB/a)	14

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

COUNTY: Wayne **# of Samples** 22

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	293		
K (ppm)	166	K (% Sat)	2.9
Mg (ppm)	206	Mg (% Sat)	7.8
Ca (ppm)	2,467	Ca (% Sat)	66.9
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1477
N (lb/A)	
P2O5 (LB/A)	80
K20 (LB/A)	122
MGO (LB/a)	8

COUNTY: Westmoreland **# of Samples** 34

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.2		
P (ppm)	126		
K (ppm)	231	K (% Sat)	3.8
Mg (ppm)	229	Mg (% Sat)	6.5
Ca (ppm)	2,414	Ca (% Sat)	68.2
CEC	15.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1015
N (lb/A)	
P2O5 (LB/A)	84
K20 (LB/A)	45
MGO (LB/a)	2

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

COUNTY: Wyoming **# of Samples** 21

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	156		
K (ppm)	137	K (% Sat)	3.6
Mg (ppm)	133	Mg (% Sat)	2.7
Ca (ppm)	1,186	Ca (% Sat)	58.9
CEC	9.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1452
N (lb/A)	
P2O5 (LB/A)	185
K20 (LB/A)	111
MGO (LB/a)	25

COUNTY: York **# of Samples** 36

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.8		
P (ppm)	176		
K (ppm)	230	K (% Sat)	4.1
Mg (ppm)	253	Mg (% Sat)	14.0
Ca (ppm)	2,602	Ca (% Sat)	74.2
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	583
N (lb/A)	
P2O5 (LB/A)	196
K20 (LB/A)	141
MGO (LB/a)	9