

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

of Samples 1,236

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	148		
K (ppm)	185	K (% Sat)	3.5
Mg (ppm)	233	Mg (% Sat)	13.6
Ca (ppm)	2,007	Ca (% Sat)	66.1
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1074
N (lb/A)	
P2O5 (LB/A)	136
K20 (LB/A)	116
MGO (LB/a)	20

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SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
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COUNTY: **Adams** # of Samples **2**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.0		
P (ppm)	416		
K (ppm)	353	K (% Sat)	5.9
Mg (ppm)	268	Mg (% Sat)	9.4
Ca (ppm)	2,052	Ca (% Sat)	69.8
CEC	14.4		

SOIL TEST RECOMMENDATIONS

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

COUNTY: **Allegheny** # of Samples **107**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.7		
P (ppm)	146		
K (ppm)	220	K (% Sat)	3.3
Mg (ppm)	407	Mg (% Sat)	4.2
Ca (ppm)	3,268	Ca (% Sat)	75.8
CEC	17.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	160
K20 (LB/A)	141
MGO (LB/a)	7

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Commercial Vegetables

COUNTY:	Armstrong	# of Samples	18
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	55		
K (ppm)	110	K (% Sat)	2.2
Mg (ppm)	139	Mg (% Sat)	11.0
Ca (ppm)	1,455	Ca (% Sat)	56.3
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	944
N (lb/A)	
P2O5 (LB/A)	141
K20 (LB/A)	104
MGO (LB/a)	33

COUNTY:	Beaver	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	180		
K (ppm)	184	K (% Sat)	3.6
Mg (ppm)	216	Mg (% Sat)	11.3
Ca (ppm)	2,269	Ca (% Sat)	60.2
CEC	13.2		

SOIL TEST RECOMMENDATIONS

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

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Commercial Vegetables

COUNTY: Bedford **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.7		
P (ppm)	200		
K (ppm)	195	K (% Sat)	3.6
Mg (ppm)	217	Mg (% Sat)	13.2
Ca (ppm)	2,650	Ca (% Sat)	79.0
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	750
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	150
MGO (LB/a)	38

COUNTY: Berks **# of Samples** 83

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.5		
P (ppm)	214		
K (ppm)	164	K (% Sat)	3.4
Mg (ppm)	192	Mg (% Sat)	2.4
Ca (ppm)	2,016	Ca (% Sat)	69.5
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	988
N (lb/A)	
P2O5 (LB/A)	122
K20 (LB/A)	111
MGO (LB/a)	8

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

COUNTY:	Blair	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.4		
P (ppm)	161		
K (ppm)	260	K (% Sat)	3.9
Mg (ppm)	281	Mg (% Sat)	12.5
Ca (ppm)	2,419	Ca (% Sat)	70.4
CEC	15.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	778
N (lb/A)	
P2O5 (LB/A)	98
K20 (LB/A)	35
MGO (LB/a)	0

COUNTY:	Bradford	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.0		
P (ppm)	173		
K (ppm)	157	K (% Sat)	3.0
Mg (ppm)	201	Mg (% Sat)	11.6
Ca (ppm)	2,008	Ca (% Sat)	67.6
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1071
N (lb/A)	
P2O5 (LB/A)	179
K20 (LB/A)	122
MGO (LB/a)	18

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COUNTY:	Bucks	# of Samples	53
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	72		
K (ppm)	114	K (% Sat)	2.9
Mg (ppm)	204	Mg (% Sat)	11.4
Ca (ppm)	1,110	Ca (% Sat)	54.8
CEC	9.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1160
N (lb/A)	
P2O5 (LB/A)	145
K20 (LB/A)	142
MGO (LB/a)	7

COUNTY:	Butler	# of Samples	31
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.1		
P (ppm)	109		
K (ppm)	213	K (% Sat)	3.8
Mg (ppm)	204	Mg (% Sat)	4.3
Ca (ppm)	2,358	Ca (% Sat)	75.9
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	613
N (lb/A)	
P2O5 (LB/A)	103
K20 (LB/A)	47
MGO (LB/a)	4

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COUNTY:	Cambria	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.0		
P (ppm)	284		
K (ppm)	242	K (% Sat)	4.3
Mg (ppm)	405	Mg (% Sat)	25.8
Ca (ppm)	3,800	Ca (% Sat)	73.4
CEC	15.7		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Cameron	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.5		
P (ppm)	179		
K (ppm)	195	K (% Sat)	3.1
Mg (ppm)	238	Mg (% Sat)	9.6
Ca (ppm)	2,991	Ca (% Sat)	80.4
CEC	15.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	333
N (lb/A)	
P2O5 (LB/A)	215
K20 (LB/A)	165
MGO (LB/a)	0

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COUNTY:	Carbon	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.3		
P (ppm)	210		
K (ppm)	77	K (% Sat)	1.7
Mg (ppm)	170	Mg (% Sat)	8.7
Ca (ppm)	1,793	Ca (% Sat)	57.0
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	188
MGO (LB/a)	25

COUNTY:	Centre	# of Samples	70
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	72		
K (ppm)	167	K (% Sat)	3.6
Mg (ppm)	177	Mg (% Sat)	11.9
Ca (ppm)	1,712	Ca (% Sat)	67.7
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	759
N (lb/A)	
P2O5 (LB/A)	113
K20 (LB/A)	97
MGO (LB/a)	9

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COUNTY: Chester **# of Samples** 37

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.3		
Acidity (meq/100 g)	0.1		
P (ppm)	209		
K (ppm)	251	K (% Sat)	4.7
Mg (ppm)	330	Mg (% Sat)	30.0
Ca (ppm)	2,265	Ca (% Sat)	74.7
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	54
N (lb/A)	
P2O5 (LB/A)	161
K20 (LB/A)	149
MGO (LB/a)	0

COUNTY: Clarion **# of Samples** 23

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	181		
K (ppm)	251	K (% Sat)	5.2
Mg (ppm)	155	Mg (% Sat)	9.8
Ca (ppm)	1,396	Ca (% Sat)	56.6
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1957
N (lb/A)	
P2O5 (LB/A)	63
K20 (LB/A)	56
MGO (LB/a)	26

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COUNTY: Clearfield **# of Samples** 9

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.8		
P (ppm)	342		
K (ppm)	440	K (% Sat)	5.6
Mg (ppm)	300	Mg (% Sat)	6.5
Ca (ppm)	2,938	Ca (% Sat)	73.3
CEC	18.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1111
N (lb/A)	
P2O5 (LB/A)	110
K20 (LB/A)	103
MGO (LB/a)	10

COUNTY: Clinton **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.3		
Acidity (meq/100 g)	0.0		
P (ppm)	348		
K (ppm)	248	K (% Sat)	3.5
Mg (ppm)	314	Mg (% Sat)	12.4
Ca (ppm)	3,652	Ca (% Sat)	82.0
CEC	17.9		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY:	Columbia	# of Samples	36
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.4		
P (ppm)	90		
K (ppm)	114	K (% Sat)	3.5
Mg (ppm)	124	Mg (% Sat)	5.7
Ca (ppm)	1,004	Ca (% Sat)	56.0
CEC	8.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	137
K20 (LB/A)	148
MGO (LB/a)	39

COUNTY:	Crawford	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	218		
K (ppm)	199	K (% Sat)	3.2
Mg (ppm)	186	Mg (% Sat)	3.8
Ca (ppm)	2,335	Ca (% Sat)	67.4
CEC	16.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2667
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	240
MGO (LB/a)	22

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COUNTY:	Cumberland	# of Samples	25
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	95		
K (ppm)	170	K (% Sat)	4.0
Mg (ppm)	187	Mg (% Sat)	6.1
Ca (ppm)	1,648	Ca (% Sat)	64.3
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	840
N (lb/A)	
P2O5 (LB/A)	163
K20 (LB/A)	165
MGO (LB/a)	10

COUNTY:	Dauphin	# of Samples	41
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.4		
P (ppm)	118		
K (ppm)	172	K (% Sat)	4.2
Mg (ppm)	155	Mg (% Sat)	13.7
Ca (ppm)	1,622	Ca (% Sat)	69.3
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	915
N (lb/A)	
P2O5 (LB/A)	126
K20 (LB/A)	116
MGO (LB/a)	23

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COUNTY: Delaware **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.5		
P (ppm)	285		
K (ppm)	169	K (% Sat)	3.3
Mg (ppm)	249	Mg (% Sat)	11.4
Ca (ppm)	1,904	Ca (% Sat)	67.9
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	375
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	153
MGO (LB/a)	10

COUNTY: Elk **# of Samples** 7

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.9		
P (ppm)	157		
K (ppm)	165	K (% Sat)	3.1
Mg (ppm)	124	Mg (% Sat)	11.0
Ca (ppm)	2,117	Ca (% Sat)	81.6
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	128
K20 (LB/A)	63
MGO (LB/a)	31

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COUNTY:	Erie	# of Samples	7
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.6		
P (ppm)	170		
K (ppm)	171	K (% Sat)	3.3
Mg (ppm)	172	Mg (% Sat)	4.0
Ca (ppm)	1,667	Ca (% Sat)	48.2
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2857
N (lb/A)	
P2O5 (LB/A)	187
K20 (LB/A)	83
MGO (LB/a)	15

COUNTY:	Fayette	# of Samples	29
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	131		
K (ppm)	232	K (% Sat)	3.9
Mg (ppm)	220	Mg (% Sat)	7.5
Ca (ppm)	2,077	Ca (% Sat)	68.3
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	759
N (lb/A)	
P2O5 (LB/A)	141
K20 (LB/A)	124
MGO (LB/a)	16

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COUNTY: Forest **# of Samples** 7

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	71		
K (ppm)	129	K (% Sat)	3.4
Mg (ppm)	165	Mg (% Sat)	10.0
Ca (ppm)	1,215	Ca (% Sat)	61.5
CEC	9.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	429
N (lb/A)	
P2O5 (LB/A)	149
K20 (LB/A)	90
MGO (LB/a)	13

COUNTY: Franklin **# of Samples** 7

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.0		
P (ppm)	327		
K (ppm)	351	K (% Sat)	6.2
Mg (ppm)	250	Mg (% Sat)	13.6
Ca (ppm)	2,567	Ca (% Sat)	80.0
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	153
K20 (LB/A)	100
MGO (LB/a)	25

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COUNTY:	Fulton	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.5		
Acidity (meq/100 g)	0.0		
P (ppm)	96		
K (ppm)	222	K (% Sat)	4.7
Mg (ppm)	197	Mg (% Sat)	12.8
Ca (ppm)	5,396	Ca (% Sat)	83.4
CEC	14.0		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Greene	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.6		
P (ppm)	125		
K (ppm)	168	K (% Sat)	2.7
Mg (ppm)	207	Mg (% Sat)	7.3
Ca (ppm)	2,979	Ca (% Sat)	82.1
CEC	15.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	333
N (lb/A)	
P2O5 (LB/A)	63
K20 (LB/A)	23
MGO (LB/a)	0

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COUNTY: Huntingdon **# of Samples** 23

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.5		
P (ppm)	224		
K (ppm)	119	K (% Sat)	2.6
Mg (ppm)	432	Mg (% Sat)	5.6
Ca (ppm)	2,367	Ca (% Sat)	71.5
CEC	14.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	126
K20 (LB/A)	153
MGO (LB/a)	24

COUNTY: Indiana **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.4		
P (ppm)	99		
K (ppm)	150	K (% Sat)	3.0
Mg (ppm)	217	Mg (% Sat)	6.6
Ca (ppm)	1,237	Ca (% Sat)	52.1
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1938
N (lb/A)	
P2O5 (LB/A)	191
K20 (LB/A)	120
MGO (LB/a)	0

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COUNTY: Jefferson **# of Samples** 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.8		
P (ppm)	86		
K (ppm)	164	K (% Sat)	3.5
Mg (ppm)	211	Mg (% Sat)	2.7
Ca (ppm)	1,598	Ca (% Sat)	65.0
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	917
N (lb/A)	
P2O5 (LB/A)	143
K20 (LB/A)	117
MGO (LB/a)	28

COUNTY: Juniata **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.1		
P (ppm)	36		
K (ppm)	194	K (% Sat)	3.5
Mg (ppm)	211	Mg (% Sat)	7.2
Ca (ppm)	2,277	Ca (% Sat)	70.6
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	667
N (lb/A)	
P2O5 (LB/A)	168
K20 (LB/A)	200
MGO (LB/a)	35

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COUNTY:	Lackawanna	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.2		
P (ppm)	158		
K (ppm)	170	K (% Sat)	3.5
Mg (ppm)	126	Mg (% Sat)	6.2
Ca (ppm)	1,210	Ca (% Sat)	60.4
CEC	9.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1782
N (lb/A)	
P2O5 (LB/A)	214
K20 (LB/A)	95
MGO (LB/a)	33

COUNTY:	Lancaster	# of Samples	21
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.1		
P (ppm)	292		
K (ppm)	240	K (% Sat)	4.4
Mg (ppm)	315	Mg (% Sat)	7.0
Ca (ppm)	2,740	Ca (% Sat)	67.5
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	762
N (lb/A)	
P2O5 (LB/A)	145
K20 (LB/A)	77
MGO (LB/a)	18

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

COUNTY:	Lawrence	# of Samples	32
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.8		
P (ppm)	147		
K (ppm)	157	K (% Sat)	3.5
Mg (ppm)	148	Mg (% Sat)	4.8
Ca (ppm)	1,869	Ca (% Sat)	68.6
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	766
N (lb/A)	
P2O5 (LB/A)	94
K20 (LB/A)	94
MGO (LB/a)	26

COUNTY:	Lebanon	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.0		
P (ppm)	254		
K (ppm)	326	K (% Sat)	5.1
Mg (ppm)	236	Mg (% Sat)	10.9
Ca (ppm)	2,464	Ca (% Sat)	76.4
CEC	16.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	333
N (lb/A)	
P2O5 (LB/A)	80
K20 (LB/A)	
MGO (LB/a)	0

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

COUNTY: Lehigh **# of Samples** 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.8		
P (ppm)	149		
K (ppm)	177	K (% Sat)	4.0
Mg (ppm)	193	Mg (% Sat)	3.2
Ca (ppm)	1,737	Ca (% Sat)	59.6
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1633
N (lb/A)	
P2O5 (LB/A)	179
K20 (LB/A)	133
MGO (LB/a)	16

COUNTY: Luzerne **# of Samples** 14

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.7		
P (ppm)	193		
K (ppm)	146	K (% Sat)	3.2
Mg (ppm)	183	Mg (% Sat)	3.7
Ca (ppm)	1,837	Ca (% Sat)	67.2
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	118
K20 (LB/A)	127
MGO (LB/a)	45

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

COUNTY:	Lycoming	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	147		
K (ppm)	200	K (% Sat)	4.1
Mg (ppm)	171	Mg (% Sat)	12.4
Ca (ppm)	1,839	Ca (% Sat)	67.9
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	750
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	92
MGO (LB/a)	21

COUNTY:	McKean	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	82		
K (ppm)	152	K (% Sat)	3.0
Mg (ppm)	336	Mg (% Sat)	26.3
Ca (ppm)	1,617	Ca (% Sat)	57.8
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	128
K20 (LB/A)	63
MGO (LB/a)	8

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

COUNTY:	Mercer	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.6		
P (ppm)	82		
K (ppm)	248	K (% Sat)	3.7
Mg (ppm)	298	Mg (% Sat)	2.8
Ca (ppm)	2,981	Ca (% Sat)	68.2
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	625
N (lb/A)	
P2O5 (LB/A)	159
K20 (LB/A)	131
MGO (LB/a)	40

COUNTY:	Monroe	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	2.1		
P (ppm)	155		
K (ppm)	205	K (% Sat)	3.3
Mg (ppm)	315	Mg (% Sat)	4.3
Ca (ppm)	2,268	Ca (% Sat)	60.2
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2167
N (lb/A)	
P2O5 (LB/A)	158
K20 (LB/A)	178
MGO (LB/a)	80

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

COUNTY:	Montgomery	# of Samples	61
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.4		
P (ppm)	121		
K (ppm)	254	K (% Sat)	4.3
Mg (ppm)	255	Mg (% Sat)	12.5
Ca (ppm)	1,692	Ca (% Sat)	64.4
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	459
N (lb/A)	
P2O5 (LB/A)	182
K20 (LB/A)	157
MGO (LB/a)	9

COUNTY:	Montour	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.3		
P (ppm)	78		
K (ppm)	116	K (% Sat)	3.2
Mg (ppm)	69	Mg (% Sat)	4.8
Ca (ppm)	790	Ca (% Sat)	42.1
CEC	9.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2667
N (lb/A)	
P2O5 (LB/A)	98
K20 (LB/A)	150
MGO (LB/a)	77

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

COUNTY: Northampton **# of Samples** 27

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	111		
K (ppm)	189	K (% Sat)	4.3
Mg (ppm)	195	Mg (% Sat)	8.2
Ca (ppm)	1,584	Ca (% Sat)	62.3
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	648
N (lb/A)	
P2O5 (LB/A)	132
K20 (LB/A)	141
MGO (LB/a)	21

COUNTY: Northumberland **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.3		
P (ppm)	189		
K (ppm)	200	K (% Sat)	5.2
Mg (ppm)	82	Mg (% Sat)	6.0
Ca (ppm)	1,040	Ca (% Sat)	54.8
CEC	9.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1333
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	30

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

COUNTY:	Perry	# 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)	144		
K (ppm)	128	K (% Sat)	2.6
Mg (ppm)	177	Mg (% Sat)	3.6
Ca (ppm)	1,760	Ca (% Sat)	67.3
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1415
N (lb/A)	
P2O5 (LB/A)	101
K20 (LB/A)	127
MGO (LB/a)	28

COUNTY:	Philadelphia	# of Samples	37
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.9		
P (ppm)	153		
K (ppm)	195	K (% Sat)	2.8
Mg (ppm)	456	Mg (% Sat)	2.8
Ca (ppm)	3,100	Ca (% Sat)	63.8
CEC	17.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1892
N (lb/A)	
P2O5 (LB/A)	215
K20 (LB/A)	149
MGO (LB/a)	52

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

COUNTY:	Pike	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.2		
P (ppm)	168		
K (ppm)	174	K (% Sat)	3.0
Mg (ppm)	189	Mg (% Sat)	15.5
Ca (ppm)	1,441	Ca (% Sat)	52.5
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2833
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	133
MGO (LB/a)	20

COUNTY:	Potter	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.6		
Acidity (meq/100 g)	7.8		
P (ppm)	27		
K (ppm)	90	K (% Sat)	1.9
Mg (ppm)	151	Mg (% Sat)	1.8
Ca (ppm)	950	Ca (% Sat)	39.4
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4143
N (lb/A)	
P2O5 (LB/A)	78
K20 (LB/A)	36
MGO (LB/a)	37

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

COUNTY: **Schuylkill** # of Samples **4**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.3		
P (ppm)	290		
K (ppm)	170	K (% Sat)	3.0
Mg (ppm)	254	Mg (% Sat)	6.3
Ca (ppm)	2,586	Ca (% Sat)	67.2
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	120
K20 (LB/A)	98
MGO (LB/a)	60

COUNTY: **Snyder** # of Samples **5**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.4		
P (ppm)	188		
K (ppm)	161	K (% Sat)	3.3
Mg (ppm)	156	Mg (% Sat)	7.4
Ca (ppm)	1,875	Ca (% Sat)	71.7
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1300
N (lb/A)	
P2O5 (LB/A)	97
K20 (LB/A)	45
MGO (LB/a)	115

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

COUNTY:	Somerset	# of Samples	8
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	338		
K (ppm)	152	K (% Sat)	2.7
Mg (ppm)	227	Mg (% Sat)	3.6
Ca (ppm)	2,126	Ca (% Sat)	66.0
CEC	15.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	128
MGO (LB/a)	26

COUNTY:	Sullivan	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.6		
P (ppm)	87		
K (ppm)	82	K (% Sat)	1.7
Mg (ppm)	83	Mg (% Sat)	5.0
Ca (ppm)	1,713	Ca (% Sat)	64.7
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	265
K20 (LB/A)	170
MGO (LB/a)	57

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

COUNTY:	Susquehanna	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.0		
P (ppm)	247		
K (ppm)	239	K (% Sat)	3.4
Mg (ppm)	320	Mg (% Sat)	5.5
Ca (ppm)	2,309	Ca (% Sat)	62.6
CEC	17.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2167
N (lb/A)	
P2O5 (LB/A)	70
K20 (LB/A)	83
MGO (LB/a)	66

COUNTY:	Tioga	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.8		
P (ppm)	137		
K (ppm)	207	K (% Sat)	3.4
Mg (ppm)	184	Mg (% Sat)	7.5
Ca (ppm)	2,020	Ca (% Sat)	53.7
CEC	15.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3167
N (lb/A)	
P2O5 (LB/A)	130
K20 (LB/A)	96
MGO (LB/a)	49

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

COUNTY:	Union	# of Samples	19
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.6		
P (ppm)	118		
K (ppm)	159	K (% Sat)	3.7
Mg (ppm)	156	Mg (% Sat)	13.0
Ca (ppm)	1,687	Ca (% Sat)	78.0
CEC	10.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	158
N (lb/A)	
P2O5 (LB/A)	145
K20 (LB/A)	135
MGO (LB/a)	9

COUNTY:	Venango	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	63		
K (ppm)	100	K (% Sat)	2.1
Mg (ppm)	143	Mg (% Sat)	3.3
Ca (ppm)	1,529	Ca (% Sat)	59.7
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2333
N (lb/A)	
P2O5 (LB/A)	122
K20 (LB/A)	149
MGO (LB/a)	23

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

COUNTY: Warren **# of Samples** 12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	109		
K (ppm)	156	K (% Sat)	3.3
Mg (ppm)	203	Mg (% Sat)	8.2
Ca (ppm)	1,640	Ca (% Sat)	66.3
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1250
N (lb/A)	
P2O5 (LB/A)	49
K20 (LB/A)	10
MGO (LB/a)	36

COUNTY: Washington **# of Samples** 26

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.0		
P (ppm)	125		
K (ppm)	207	K (% Sat)	3.3
Mg (ppm)	281	Mg (% Sat)	5.8
Ca (ppm)	2,162	Ca (% Sat)	67.9
CEC	15.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	904
N (lb/A)	
P2O5 (LB/A)	161
K20 (LB/A)	115
MGO (LB/a)	6

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

COUNTY:	Wayne	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	147		
K (ppm)	108	K (% Sat)	2.3
Mg (ppm)	129	Mg (% Sat)	2.3
Ca (ppm)	1,450	Ca (% Sat)	58.8
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1643
N (lb/A)	
P2O5 (LB/A)	118
K20 (LB/A)	115
MGO (LB/a)	34

COUNTY:	Westmoreland	# of Samples	30
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	175		
K (ppm)	203	K (% Sat)	3.4
Mg (ppm)	234	Mg (% Sat)	4.8
Ca (ppm)	2,144	Ca (% Sat)	61.7
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1883
N (lb/A)	
P2O5 (LB/A)	117
K20 (LB/A)	111
MGO (LB/a)	21

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

COUNTY:	Wyoming	# of Samples	24
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	180		
K (ppm)	119	K (% Sat)	3.6
Mg (ppm)	93	Mg (% Sat)	5.7
Ca (ppm)	1,004	Ca (% Sat)	56.8
CEC	8.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1688
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	86
MGO (LB/a)	38

COUNTY:	York	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.5		
P (ppm)	238		
K (ppm)	250	K (% Sat)	4.0
Mg (ppm)	286	Mg (% Sat)	6.9
Ca (ppm)	2,620	Ca (% Sat)	66.2
CEC	15.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	733
N (lb/A)	
P2O5 (LB/A)	160
K20 (LB/A)	115
MGO (LB/a)	8