

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Commercial Vegetables

of Samples 1,411

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	143		
K (ppm)	231	K (% Sat)	4.5
Mg (ppm)	216	Mg (% Sat)	13.5
Ca (ppm)	1,920	Ca (% Sat)	61.4
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1644
N (lb/A)	
P2O5 (LB/A)	131
K2O (LB/A)	115
MGO (LB/a)	36

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COUNTY: Adams

of Samples

17

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	167		
K (ppm)	399	K (% Sat)	6.0
Mg (ppm)	266	Mg (% Sat)	7.0
Ca (ppm)	2,091	Ca (% Sat)	61.7
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	588
N (lb/A)	
P2O5 (LB/A)	146
K20 (LB/A)	125
MGO (LB/a)	3

COUNTY: Allegheny

of Samples

85

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	159		
K (ppm)	275	K (% Sat)	5.2
Mg (ppm)	194	Mg (% Sat)	4.6
Ca (ppm)	2,124	Ca (% Sat)	65.1
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1447
N (lb/A)	
P2O5 (LB/A)	84
K20 (LB/A)	72
MGO (LB/a)	30

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COUNTY:	Armstrong	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	53		
K (ppm)	207	K (% Sat)	4.2
Mg (ppm)	182	Mg (% Sat)	3.2
Ca (ppm)	1,470	Ca (% Sat)	59.7
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1333
N (lb/A)	
P2O5 (LB/A)	62
K20 (LB/A)	15
MGO (LB/a)	20

COUNTY:	Beaver	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.5		
P (ppm)	232		
K (ppm)	345	K (% Sat)	6.0
Mg (ppm)	175	Mg (% Sat)	4.9
Ca (ppm)	2,043	Ca (% Sat)	59.9
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3375
N (lb/A)	
P2O5 (LB/A)	215
K20 (LB/A)	210
MGO (LB/a)	8

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SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY:	Bedford	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	98		
K (ppm)	219	K (% Sat)	4.1
Mg (ppm)	236	Mg (% Sat)	4.1
Ca (ppm)	2,010	Ca (% Sat)	68.1
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	118
K20 (LB/A)	88
MGO (LB/a)	34

COUNTY:	Berks	# of Samples	45
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	200		
K (ppm)	229	K (% Sat)	4.3
Mg (ppm)	226	Mg (% Sat)	12.0
Ca (ppm)	1,890	Ca (% Sat)	61.7
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1333
N (lb/A)	
P2O5 (LB/A)	147
K20 (LB/A)	140
MGO (LB/a)	1

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COUNTY:	Blair	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.9		
P (ppm)	175		
K (ppm)	440	K (% Sat)	5.6
Mg (ppm)	325	Mg (% Sat)	11.9
Ca (ppm)	2,908	Ca (% Sat)	70.2
CEC	15.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	667
N (lb/A)	
P2O5 (LB/A)	179
K20 (LB/A)	173
MGO (LB/a)	3

COUNTY:	Bradford	# of Samples	25
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.3		
P (ppm)	210		
K (ppm)	313	K (% Sat)	5.1
Mg (ppm)	251	Mg (% Sat)	10.6
Ca (ppm)	2,004	Ca (% Sat)	63.3
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1400
N (lb/A)	
P2O5 (LB/A)	97
K20 (LB/A)	96
MGO (LB/a)	31

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COUNTY:	Bucks	# of Samples	43
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	145		
K (ppm)	258	K (% Sat)	4.2
Mg (ppm)	332	Mg (% Sat)	11.3
Ca (ppm)	2,100	Ca (% Sat)	63.5
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1044
N (lb/A)	
P2O5 (LB/A)	141
K20 (LB/A)	154
MGO (LB/a)	0

COUNTY:	Butler	# of Samples	23
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.6		
P (ppm)	139		
K (ppm)	222	K (% Sat)	4.7
Mg (ppm)	179	Mg (% Sat)	9.2
Ca (ppm)	1,886	Ca (% Sat)	67.7
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1478
N (lb/A)	
P2O5 (LB/A)	157
K20 (LB/A)	150
MGO (LB/a)	14

SUMMARY REPORT
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Commercial Vegetables

COUNTY:	Cambria	# of Samples	8
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.7		
P (ppm)	165		
K (ppm)	274	K (% Sat)	3.9
Mg (ppm)	253	Mg (% Sat)	2.3
Ca (ppm)	2,640	Ca (% Sat)	66.9
CEC	17.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1875
N (lb/A)	
P2O5 (LB/A)	253
K20 (LB/A)	125
MGO (LB/a)	38

COUNTY:	Cameron	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	151		
K (ppm)	243	K (% Sat)	4.8
Mg (ppm)	130	Mg (% Sat)	8.1
Ca (ppm)	1,591	Ca (% Sat)	65.2
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	140
K20 (LB/A)	205
MGO (LB/a)	27

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COUNTY: **Carbon** # of Samples **3**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	8.4		
P (ppm)	152		
K (ppm)	198	K (% Sat)	3.6
Mg (ppm)	230	Mg (% Sat)	1.4
Ca (ppm)	1,197	Ca (% Sat)	41.9
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4000
N (lb/A)	
P2O5 (LB/A)	75
K20 (LB/A)	15
MGO (LB/a)	75

COUNTY: **Centre** # of Samples **167**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.2		
P (ppm)	81		
K (ppm)	143	K (% Sat)	3.8
Mg (ppm)	188	Mg (% Sat)	10.2
Ca (ppm)	1,471	Ca (% Sat)	52.0
CEC	9.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	913
N (lb/A)	
P2O5 (LB/A)	120
K20 (LB/A)	104
MGO (LB/a)	127

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COUNTY:	Chester	# of Samples	38
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	181		
K (ppm)	230	K (% Sat)	3.8
Mg (ppm)	270	Mg (% Sat)	13.0
Ca (ppm)	2,282	Ca (% Sat)	62.4
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2237
N (lb/A)	
P2O5 (LB/A)	165
K20 (LB/A)	172
MGO (LB/a)	27

COUNTY:	Clarion	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.0		
P (ppm)	280		
K (ppm)	247	K (% Sat)	4.8
Mg (ppm)	160	Mg (% Sat)	8.2
Ca (ppm)	3,298	Ca (% Sat)	85.1
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	255
K20 (LB/A)	
MGO (LB/a)	0

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COUNTY:	Clearfield	# of Samples	7
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.6		
P (ppm)	139		
K (ppm)	234	K (% Sat)	4.6
Mg (ppm)	113	Mg (% Sat)	5.7
Ca (ppm)	1,426	Ca (% Sat)	55.5
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4429
N (lb/A)	
P2O5 (LB/A)	138
K20 (LB/A)	15
MGO (LB/a)	54

COUNTY:	Clinton	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.8		
P (ppm)	42		
K (ppm)	170	K (% Sat)	3.8
Mg (ppm)	132	Mg (% Sat)	9.3
Ca (ppm)	1,309	Ca (% Sat)	55.9
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	53
K20 (LB/A)	
MGO (LB/a)	10

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COUNTY: Columbia **# of Samples** 55

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	97		
K (ppm)	184	K (% Sat)	4.5
Mg (ppm)	160	Mg (% Sat)	5.8
Ca (ppm)	1,179	Ca (% Sat)	56.6
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1747
N (lb/A)	
P2O5 (LB/A)	144
K20 (LB/A)	110
MGO (LB/a)	20

COUNTY: Crawford **# of Samples** 15

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	236		
K (ppm)	359	K (% Sat)	5.7
Mg (ppm)	253	Mg (% Sat)	6.8
Ca (ppm)	2,516	Ca (% Sat)	65.1
CEC	15.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1767
N (lb/A)	
P2O5 (LB/A)	191
K20 (LB/A)	184
MGO (LB/a)	61

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

COUNTY:	Cumberland	# of Samples	44
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.9		
P (ppm)	89		
K (ppm)	217	K (% Sat)	5.0
Mg (ppm)	210	Mg (% Sat)	9.8
Ca (ppm)	1,776	Ca (% Sat)	71.2
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	182
N (lb/A)	
P2O5 (LB/A)	133
K20 (LB/A)	162
MGO (LB/a)	2

COUNTY:	Dauphin	# of Samples	73
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	4.3		
P (ppm)	133		
K (ppm)	227	K (% Sat)	4.6
Mg (ppm)	329	Mg (% Sat)	16.4
Ca (ppm)	3,181	Ca (% Sat)	58.3
CEC	16.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3870
N (lb/A)	
P2O5 (LB/A)	104
K20 (LB/A)	24
MGO (LB/a)	14

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COUNTY:	Delaware	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.4		
P (ppm)	211		
K (ppm)	510	K (% Sat)	7.9
Mg (ppm)	377	Mg (% Sat)	16.2
Ca (ppm)	2,110	Ca (% Sat)	63.0
CEC	16.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1536
N (lb/A)	
P2O5 (LB/A)	123
K20 (LB/A)	
MGO (LB/a)	0

COUNTY:	Eik	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	3.5		
P (ppm)	151		
K (ppm)	209	K (% Sat)	3.5
Mg (ppm)	135	Mg (% Sat)	1.8
Ca (ppm)	2,232	Ca (% Sat)	65.2
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2462
N (lb/A)	
P2O5 (LB/A)	86
K20 (LB/A)	66
MGO (LB/a)	69

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COUNTY:	Erie	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	95		
K (ppm)	168	K (% Sat)	3.3
Mg (ppm)	176	Mg (% Sat)	11.2
Ca (ppm)	1,358	Ca (% Sat)	52.5
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2429
N (lb/A)	
P2O5 (LB/A)	138
K20 (LB/A)	106
MGO (LB/a)	45

COUNTY:	Fayette	# 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)	149		
K (ppm)	381	K (% Sat)	5.1
Mg (ppm)	251	Mg (% Sat)	5.2
Ca (ppm)	2,916	Ca (% Sat)	63.5
CEC	16.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1917
N (lb/A)	
P2O5 (LB/A)	179
K20 (LB/A)	165
MGO (LB/a)	23

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COUNTY:	Forest	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.8		
P (ppm)	101		
K (ppm)	191	K (% Sat)	4.1
Mg (ppm)	144	Mg (% Sat)	5.8
Ca (ppm)	1,663	Ca (% Sat)	69.0
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1417
N (lb/A)	
P2O5 (LB/A)	157
K20 (LB/A)	168
MGO (LB/a)	12

COUNTY:	Franklin	# of Samples	7
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.6		
P (ppm)	73		
K (ppm)	261	K (% Sat)	5.9
Mg (ppm)	203	Mg (% Sat)	6.1
Ca (ppm)	1,450	Ca (% Sat)	57.6
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1143
N (lb/A)	
P2O5 (LB/A)	120
K20 (LB/A)	
MGO (LB/a)	16

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COUNTY:	Fulton	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.3		
Acidity (meq/100 g)	0.0		
P (ppm)	69		
K (ppm)	275	K (% Sat)	5.3
Mg (ppm)	134	Mg (% Sat)	8.4
Ca (ppm)	2,281	Ca (% Sat)	86.2
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	95
K20 (LB/A)	
MGO (LB/a)	0

COUNTY:	Greene	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.5		
P (ppm)	52		
K (ppm)	208	K (% Sat)	5.1
Mg (ppm)	179	Mg (% Sat)	3.2
Ca (ppm)	1,189	Ca (% Sat)	56.3
CEC	10.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2083
N (lb/A)	
P2O5 (LB/A)	168
K20 (LB/A)	165
MGO (LB/a)	26

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COUNTY:	Huntingdon	# of Samples	20
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	1.0		
P (ppm)	205		
K (ppm)	263	K (% Sat)	4.4
Mg (ppm)	328	Mg (% Sat)	6.3
Ca (ppm)	2,414	Ca (% Sat)	66.9
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	550
N (lb/A)	
P2O5 (LB/A)	144
K20 (LB/A)	145
MGO (LB/a)	50

COUNTY:	Indiana	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	142		
K (ppm)	321	K (% Sat)	5.0
Mg (ppm)	269	Mg (% Sat)	4.5
Ca (ppm)	1,944	Ca (% Sat)	59.5
CEC	15.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2300
N (lb/A)	
P2O5 (LB/A)	96
K20 (LB/A)	100
MGO (LB/a)	33

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COUNTY: Jefferson **# of Samples** 6

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.6		
P (ppm)	134		
K (ppm)	306	K (% Sat)	5.9
Mg (ppm)	160	Mg (% Sat)	9.0
Ca (ppm)	1,647	Ca (% Sat)	61.5
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2167
N (lb/A)	
P2O5 (LB/A)	183
K20 (LB/A)	
MGO (LB/a)	20

COUNTY: Juniata **# of Samples** 14

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	3.4		
P (ppm)	108		
K (ppm)	236	K (% Sat)	4.7
Mg (ppm)	138	Mg (% Sat)	5.1
Ca (ppm)	1,730	Ca (% Sat)	59.1
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2464
N (lb/A)	
P2O5 (LB/A)	98
K20 (LB/A)	35
MGO (LB/a)	14

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COUNTY:	Lackawanna	# of Samples	33
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	149		
K (ppm)	148	K (% Sat)	3.6
Mg (ppm)	139	Mg (% Sat)	3.1
Ca (ppm)	1,218	Ca (% Sat)	58.0
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3285
N (lb/A)	
P2O5 (LB/A)	108
K20 (LB/A)	119
MGO (LB/a)	21

COUNTY:	Lancaster	# of Samples	28
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	218		
K (ppm)	345	K (% Sat)	6.8
Mg (ppm)	222	Mg (% Sat)	4.7
Ca (ppm)	1,718	Ca (% Sat)	61.5
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	964
N (lb/A)	
P2O5 (LB/A)	138
K20 (LB/A)	138
MGO (LB/a)	12

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

COUNTY:	Lawrence	# of Samples	5
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	7.6		
Acidity (meq/100 g)	0.0		
P (ppm)	162		
K (ppm)	265	K (% Sat)	4.5
Mg (ppm)	171	Mg (% Sat)	11.6
Ca (ppm)	3,762	Ca (% Sat)	85.8
CEC	15.0		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	75
K20 (LB/A)	
MGO (LB/a)	0

COUNTY:	Lebanon	# of Samples	2
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.1		
P (ppm)	351		
K (ppm)	253	K (% Sat)	4.0
Mg (ppm)	212	Mg (% Sat)	5.7
Ca (ppm)	2,917	Ca (% Sat)	75.8
CEC	15.1		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	110
K20 (LB/A)	100
MGO (LB/a)	50

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

COUNTY:	Lehigh	# of Samples	22
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.2		
P (ppm)	153		
K (ppm)	209	K (% Sat)	3.9
Mg (ppm)	249	Mg (% Sat)	8.0
Ca (ppm)	2,240	Ca (% Sat)	71.6
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	318
N (lb/A)	
P2O5 (LB/A)	133
K20 (LB/A)	197
MGO (LB/a)	0

COUNTY:	Luzerne	# of Samples	32
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	197		
K (ppm)	212	K (% Sat)	4.5
Mg (ppm)	174	Mg (% Sat)	4.2
Ca (ppm)	1,738	Ca (% Sat)	57.9
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2156
N (lb/A)	
P2O5 (LB/A)	131
K20 (LB/A)	110
MGO (LB/a)	20

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

COUNTY:	Lycoming	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.9		
P (ppm)	194		
K (ppm)	269	K (% Sat)	5.2
Mg (ppm)	230	Mg (% Sat)	2.7
Ca (ppm)	2,300	Ca (% Sat)	65.9
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	600
N (lb/A)	
P2O5 (LB/A)	129
K20 (LB/A)	8
MGO (LB/a)	40

COUNTY:	McKean	# of Samples	7
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.8		
Acidity (meq/100 g)	6.6		
P (ppm)	51		
K (ppm)	146	K (% Sat)	2.6
Mg (ppm)	202	Mg (% Sat)	7.6
Ca (ppm)	1,178	Ca (% Sat)	40.8
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	5857
N (lb/A)	
P2O5 (LB/A)	124
K20 (LB/A)	68
MGO (LB/a)	10

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

COUNTY:	Mercer	# of Samples	25
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.6		
P (ppm)	208		
K (ppm)	294	K (% Sat)	4.7
Mg (ppm)	253	Mg (% Sat)	2.3
Ca (ppm)	2,197	Ca (% Sat)	66.3
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	880
N (lb/A)	
P2O5 (LB/A)	134
K20 (LB/A)	99
MGO (LB/a)	21

COUNTY:	Mifflin	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.3		
Acidity (meq/100 g)	0.0		
P (ppm)	168		
K (ppm)	395	K (% Sat)	7.9
Mg (ppm)	182	Mg (% Sat)	12.8
Ca (ppm)	2,228	Ca (% Sat)	80.5
CEC	13.5		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY:	Monroe	# of Samples	21
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	87		
K (ppm)	118	K (% Sat)	2.8
Mg (ppm)	113	Mg (% Sat)	4.5
Ca (ppm)	1,079	Ca (% Sat)	49.1
CEC	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2762
N (lb/A)	
P2O5 (LB/A)	73
K20 (LB/A)	64
MGO (LB/a)	36

COUNTY:	Montgomery	# of Samples	75
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.3		
P (ppm)	101		
K (ppm)	180	K (% Sat)	4.5
Mg (ppm)	225	Mg (% Sat)	6.2
Ca (ppm)	1,518	Ca (% Sat)	66.9
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	793
N (lb/A)	
P2O5 (LB/A)	174
K20 (LB/A)	168
MGO (LB/a)	63

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

COUNTY:	Montour	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.0		
P (ppm)	513		
K (ppm)	457	K (% Sat)	6.3
Mg (ppm)	300	Mg (% Sat)	13.4
Ca (ppm)	3,321	Ca (% Sat)	80.3
CEC	18.7		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Northampton	# of Samples	32
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.0		
P (ppm)	182		
K (ppm)	359	K (% Sat)	5.5
Mg (ppm)	213	Mg (% Sat)	7.3
Ca (ppm)	2,826	Ca (% Sat)	65.1
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1850
N (lb/A)	
P2O5 (LB/A)	134
K20 (LB/A)	119
MGO (LB/a)	29

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

COUNTY:	Northumberland	# of Samples	8
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.7		
P (ppm)	129		
K (ppm)	193	K (% Sat)	3.7
Mg (ppm)	165	Mg (% Sat)	3.0
Ca (ppm)	1,759	Ca (% Sat)	57.0
CEC	13.7		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	3125
N (lb/A)	
P2O5 (LB/A)	58
K20 (LB/A)	115
MGO (LB/a)	28

COUNTY:	Perry	# of Samples	15
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	139		
K (ppm)	185	K (% Sat)	4.5
Mg (ppm)	147	Mg (% Sat)	11.2
Ca (ppm)	1,412	Ca (% Sat)	68.2
CEC	10.5		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	867
N (lb/A)	
P2O5 (LB/A)	48
K20 (LB/A)	144
MGO (LB/a)	24

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

COUNTY:	Philadelphia	# of Samples	21
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	225		
K (ppm)	218	K (% Sat)	4.5
Mg (ppm)	273	Mg (% Sat)	20.8
Ca (ppm)	1,844	Ca (% Sat)	62.2
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1962
N (lb/A)	
P2O5 (LB/A)	165
K20 (LB/A)	185
MGO (LB/a)	22

COUNTY:	Pike	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	420		
K (ppm)	264	K (% Sat)	4.5
Mg (ppm)	315	Mg (% Sat)	11.6
Ca (ppm)	2,302	Ca (% Sat)	60.4
CEC	14.6		

SOIL TEST RECOMMENDATIONS

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

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

COUNTY:	Potter	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.7		
P (ppm)	217		
K (ppm)	302	K (% Sat)	4.5
Mg (ppm)	255	Mg (% Sat)	10.3
Ca (ppm)	2,052	Ca (% Sat)	50.9
CEC	16.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3500
N (lb/A)	
P2O5 (LB/A)	240
K20 (LB/A)	200
MGO (LB/a)	0

COUNTY:	Schuylkill	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.2		
P (ppm)	285		
K (ppm)	235	K (% Sat)	4.3
Mg (ppm)	225	Mg (% Sat)	9.0
Ca (ppm)	2,254	Ca (% Sat)	68.7
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1167
N (lb/A)	
P2O5 (LB/A)	188
K20 (LB/A)	163
MGO (LB/a)	22

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

COUNTY:	Snyder	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	213		
K (ppm)	247	K (% Sat)	4.9
Mg (ppm)	157	Mg (% Sat)	8.5
Ca (ppm)	3,460	Ca (% Sat)	70.1
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	85
K20 (LB/A)	132
MGO (LB/a)	6

COUNTY:	Somerset	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.5		
P (ppm)	126		
K (ppm)	299	K (% Sat)	5.0
Mg (ppm)	175	Mg (% Sat)	4.4
Ca (ppm)	2,047	Ca (% Sat)	58.9
CEC	15.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	155
K20 (LB/A)	50
MGO (LB/a)	25

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	7.0		
Acidity (meq/100 g)	0.0		
P (ppm)	705		
K (ppm)	285	K (% Sat)	4.2
Mg (ppm)	215	Mg (% Sat)	10.2
Ca (ppm)	5,924	Ca (% Sat)	85.6
CEC	17.5		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Susquehanna	# of Samples	41
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.8		
P (ppm)	164		
K (ppm)	261	K (% Sat)	4.7
Mg (ppm)	212	Mg (% Sat)	4.0
Ca (ppm)	1,467	Ca (% Sat)	57.6
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1549
N (lb/A)	
P2O5 (LB/A)	109
K20 (LB/A)	71
MGO (LB/a)	12

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

COUNTY:	Tioga	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.8		
P (ppm)	93		
K (ppm)	183	K (% Sat)	3.2
Mg (ppm)	175	Mg (% Sat)	1.8
Ca (ppm)	1,879	Ca (% Sat)	56.3
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3923
N (lb/A)	
P2O5 (LB/A)	124
K20 (LB/A)	54
MGO (LB/a)	41

COUNTY:	Union	# of Samples	22
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.1		
P (ppm)	125		
K (ppm)	185	K (% Sat)	3.9
Mg (ppm)	175	Mg (% Sat)	7.7
Ca (ppm)	2,110	Ca (% Sat)	74.6
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	795
N (lb/A)	
P2O5 (LB/A)	110
K20 (LB/A)	141
MGO (LB/a)	4

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

COUNTY:	Venango	# of Samples	6
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.7		
P (ppm)	180		
K (ppm)	174	K (% Sat)	3.7
Mg (ppm)	108	Mg (% Sat)	5.2
Ca (ppm)	1,050	Ca (% Sat)	41.3
CEC	11.2		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	4567
N (lb/A)	
P2O5 (LB/A)	173
K20 (LB/A)	66
MGO (LB/a)	63

COUNTY:	Warren	# of Samples	11
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SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.2		
P (ppm)	160		
K (ppm)	304	K (% Sat)	5.2
Mg (ppm)	259	Mg (% Sat)	6.8
Ca (ppm)	2,341	Ca (% Sat)	65.6
CEC	15.4		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (lb/A)	1909
N (lb/A)	
P2O5 (LB/A)	75
K20 (LB/A)	
MGO (LB/a)	33

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

COUNTY:	Washington	# of Samples	31
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.4		
P (ppm)	119		
K (ppm)	276	K (% Sat)	4.6
Mg (ppm)	258	Mg (% Sat)	8.3
Ca (ppm)	2,603	Ca (% Sat)	70.7
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	871
N (lb/A)	
P2O5 (LB/A)	157
K20 (LB/A)	116
MGO (LB/a)	7

COUNTY:	Wayne	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.7		
P (ppm)	222		
K (ppm)	202	K (% Sat)	3.3
Mg (ppm)	225	Mg (% Sat)	4.4
Ca (ppm)	1,747	Ca (% Sat)	55.5
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2818
N (lb/A)	
P2O5 (LB/A)	189
K20 (LB/A)	137
MGO (LB/a)	23

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

COUNTY:	Westmoreland	# of Samples	35
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.6		
P (ppm)	134		
K (ppm)	237	K (% Sat)	4.1
Mg (ppm)	194	Mg (% Sat)	8.1
Ca (ppm)	1,885	Ca (% Sat)	56.4
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2357
N (lb/A)	
P2O5 (LB/A)	128
K20 (LB/A)	109
MGO (LB/a)	30

COUNTY:	Wyoming	# of Samples	24
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.9		
P (ppm)	110		
K (ppm)	118	K (% Sat)	3.6
Mg (ppm)	108	Mg (% Sat)	5.4
Ca (ppm)	897	Ca (% Sat)	55.3
CEC	8.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2521
N (lb/A)	
P2O5 (LB/A)	118
K20 (LB/A)	99
MGO (LB/a)	26

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

COUNTY:	York	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	2.0		
P (ppm)	119		
K (ppm)	173	K (% Sat)	3.6
Mg (ppm)	211	Mg (% Sat)	7.8
Ca (ppm)	1,901	Ca (% Sat)	61.6
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1300
N (lb/A)	
P2O5 (LB/A)	133
K2O (LB/A)	129
MGO (LB/a)	13