

SUMMARY REPORT
SOIL TEST RESULTS-AVERAGES
Commercial Vegetables

of Samples 1,499

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	164		
K (ppm)	217	K (% Sat)	4.0
Mg (ppm)	227	Mg (% Sat)	9.6
Ca (ppm)	1,998	Ca (% Sat)	65.2
CEC	13.1		

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

COUNTY:	Adams	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.5		
P (ppm)	132		
K (ppm)	185	K (% Sat)	3.2
Mg (ppm)	278	Mg (% Sat)	9.6
Ca (ppm)	1,744	Ca (% Sat)	54.9
CEC	14.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3281
N (lb/A)	
P2O5 (LB/A)	76
K2O (LB/A)	100
MGO (LB/a)	0

COUNTY:	Allegheny	# of Samples	85
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.1		
P (ppm)	165		
K (ppm)	201	K (% Sat)	3.4
Mg (ppm)	208	Mg (% Sat)	10.0
Ca (ppm)	2,547	Ca (% Sat)	67.5
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1453
N (lb/A)	
P2O5 (LB/A)	105
K2O (LB/A)	79
MGO (LB/a)	13

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

COUNTY:	Armstrong	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	186		
K (ppm)	217	K (% Sat)	3.9
Mg (ppm)	169	Mg (% Sat)	5.6
Ca (ppm)	2,038	Ca (% Sat)	65.8
CEC	13.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2583
N (lb/A)	
P2O5 (LB/A)	143
K2O (LB/A)	72
MGO (LB/a)	6

COUNTY:	Beaver	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.3		
P (ppm)	243		
K (ppm)	429	K (% Sat)	6.6
Mg (ppm)	335	Mg (% Sat)	10.5
Ca (ppm)	2,660	Ca (% Sat)	66.4
CEC	16.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1875
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	
MGO (LB/a)	0

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SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
Commercial Vegetables

COUNTY: Bedford **# of Samples** 7

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	119		
K (ppm)	313	K (% Sat)	5.3
Mg (ppm)	229	Mg (% Sat)	8.7
Ca (ppm)	1,846	Ca (% Sat)	62.6
CEC	14.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2857
N (lb/A)	
P2O5 (LB/A)	115
K2O (LB/A)	150
MGO (LB/a)	64

COUNTY: Berks **# of Samples** 48

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.3		
P (ppm)	196		
K (ppm)	201	K (% Sat)	3.5
Mg (ppm)	247	Mg (% Sat)	6.5
Ca (ppm)	2,120	Ca (% Sat)	62.3
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1963
N (lb/A)	
P2O5 (LB/A)	127
K2O (LB/A)	135
MGO (LB/a)	6

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

COUNTY:	Blair	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.4		
P (ppm)	427		
K (ppm)	342	K (% Sat)	5.1
Mg (ppm)	332	Mg (% Sat)	10.2
Ca (ppm)	3,075	Ca (% Sat)	75.3
CEC	16.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	40
K20 (LB/A)	20
MGO (LB/a)	0

COUNTY:	Bradford	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.9		
P (ppm)	156		
K (ppm)	678	K (% Sat)	6.6
Mg (ppm)	294	Mg (% Sat)	8.9
Ca (ppm)	1,661	Ca (% Sat)	55.5
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2885
N (lb/A)	
P2O5 (LB/A)	93
K20 (LB/A)	93
MGO (LB/a)	0

SUMMARY REPORT
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COUNTY:	Bucks	# of Samples	47
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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)	356	K (% Sat)	6.3
Mg (ppm)	316	Mg (% Sat)	18.6
Ca (ppm)	1,818	Ca (% Sat)	60.8
CEC	13.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1247
N (lb/A)	
P2O5 (LB/A)	114
K20 (LB/A)	109
MGO (LB/a)	3

COUNTY:	Butler	# of Samples	54
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.2		
P (ppm)	147		
K (ppm)	199	K (% Sat)	4.2
Mg (ppm)	191	Mg (% Sat)	7.1
Ca (ppm)	2,318	Ca (% Sat)	72.5
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1111
N (lb/A)	
P2O5 (LB/A)	126
K20 (LB/A)	121
MGO (LB/a)	24

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

COUNTY:	Cambria	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.3		
P (ppm)	139		
K (ppm)	245	K (% Sat)	3.5
Mg (ppm)	337	Mg (% Sat)	7.8
Ca (ppm)	2,481	Ca (% Sat)	58.0
CEC	17.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3318
N (lb/A)	
P2O5 (LB/A)	221
K20 (LB/A)	131
MGO (LB/a)	0

COUNTY:	Carbon	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.6		
P (ppm)	135		
K (ppm)	240	K (% Sat)	4.8
Mg (ppm)	187	Mg (% Sat)	2.3
Ca (ppm)	1,417	Ca (% Sat)	50.9
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3250
N (lb/A)	
P2O5 (LB/A)	110
K20 (LB/A)	123
MGO (LB/a)	26

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
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COUNTY:	Centre	# of Samples	226
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.6		
P (ppm)	94		
K (ppm)	166	K (% Sat)	3.2
Mg (ppm)	250	Mg (% Sat)	10.4
Ca (ppm)	2,091	Ca (% Sat)	68.1
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1142
N (lb/A)	
P2O5 (LB/A)	109
K20 (LB/A)	84
MGO (LB/a)	7

COUNTY:	Chester	# of Samples	29
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.3		
P (ppm)	158		
K (ppm)	249	K (% Sat)	4.7
Mg (ppm)	269	Mg (% Sat)	10.2
Ca (ppm)	1,992	Ca (% Sat)	65.8
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1586
N (lb/A)	
P2O5 (LB/A)	165
K20 (LB/A)	176
MGO (LB/a)	4

SUMMARY REPORT
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Commercial Vegetables

COUNTY:	Clarion	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.3		
P (ppm)	210		
K (ppm)	249	K (% Sat)	4.5
Mg (ppm)	205	Mg (% Sat)	5.5
Ca (ppm)	2,238	Ca (% Sat)	70.5
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	667
N (lb/A)	
P2O5 (LB/A)	139
K20 (LB/A)	115
MGO (LB/a)	6

COUNTY:	Clearfield	# of Samples	8
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.5		
P (ppm)	86		
K (ppm)	186	K (% Sat)	3.6
Mg (ppm)	176	Mg (% Sat)	10.7
Ca (ppm)	2,083	Ca (% Sat)	71.8
CEC	13.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1125
N (lb/A)	
P2O5 (LB/A)	99
K20 (LB/A)	75
MGO (LB/a)	0

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COUNTY:	Clinton	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.2		
P (ppm)	193		
K (ppm)	224	K (% Sat)	5.0
Mg (ppm)	171	Mg (% Sat)	8.9
Ca (ppm)	1,325	Ca (% Sat)	60.2
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	93
K2O (LB/A)	65
MGO (LB/a)	14

COUNTY:	Columbia	# of Samples	24
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	137		
K (ppm)	194	K (% Sat)	4.2
Mg (ppm)	168	Mg (% Sat)	6.0
Ca (ppm)	1,490	Ca (% Sat)	62.8
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	896
N (lb/A)	
P2O5 (LB/A)	61
K2O (LB/A)	114
MGO (LB/a)	8

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

COUNTY:	Crawford	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	1.7		
P (ppm)	129		
K (ppm)	174	K (% Sat)	3.5
Mg (ppm)	188	Mg (% Sat)	14.0
Ca (ppm)	1,755	Ca (% Sat)	65.9
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	122
K20 (LB/A)	106
MGO (LB/a)	0

COUNTY:	Cumberland	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.2		
P (ppm)	203		
K (ppm)	284	K (% Sat)	5.0
Mg (ppm)	225	Mg (% Sat)	12.2
Ca (ppm)	2,610	Ca (% Sat)	72.5
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	588
N (lb/A)	
P2O5 (LB/A)	140
K20 (LB/A)	100
MGO (LB/a)	5

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

COUNTY:	Dauphin	# of Samples	71
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.3		
P (ppm)	196		
K (ppm)	186	K (% Sat)	4.0
Mg (ppm)	202	Mg (% Sat)	10.8
Ca (ppm)	1,707	Ca (% Sat)	68.1
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1092
N (lb/A)	
P2O5 (LB/A)	103
K20 (LB/A)	85
MGO (LB/a)	0

COUNTY:	Delaware	# of Samples	21
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.2		
P (ppm)	201		
K (ppm)	417	K (% Sat)	6.0
Mg (ppm)	341	Mg (% Sat)	9.7
Ca (ppm)	2,391	Ca (% Sat)	65.0
CEC	14.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1619
N (lb/A)	
P2O5 (LB/A)	166
K20 (LB/A)	168
MGO (LB/a)	0

SUMMARY REPORT
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Commercial Vegetables

COUNTY:	Eik	# of Samples	22
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	144		
K (ppm)	155	K (% Sat)	2.6
Mg (ppm)	197	Mg (% Sat)	4.7
Ca (ppm)	2,095	Ca (% Sat)	58.5
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3386
N (lb/A)	
P2O5 (LB/A)	152
K20 (LB/A)	134
MGO (LB/a)	25

COUNTY:	Erie	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.9		
P (ppm)	71		
K (ppm)	131	K (% Sat)	3.1
Mg (ppm)	190	Mg (% Sat)	6.9
Ca (ppm)	1,535	Ca (% Sat)	60.5
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2800
N (lb/A)	
P2O5 (LB/A)	156
K20 (LB/A)	135
MGO (LB/a)	13

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
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COUNTY:	Fayette	# of Samples	19
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	118		
K (ppm)	271	K (% Sat)	4.7
Mg (ppm)	246	Mg (% Sat)	7.0
Ca (ppm)	1,865	Ca (% Sat)	65.4
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1816
N (lb/A)	
P2O5 (LB/A)	133
K20 (LB/A)	78
MGO (LB/a)	7

COUNTY:	Forest	# of Samples	8
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	4.6		
P (ppm)	79		
K (ppm)	133	K (% Sat)	3.3
Mg (ppm)	145	Mg (% Sat)	2.9
Ca (ppm)	989	Ca (% Sat)	45.1
CEC	11.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4375
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	173
MGO (LB/a)	34

SUMMARY REPORT
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Commercial Vegetables

COUNTY:	Franklin	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.7		
P (ppm)	209		
K (ppm)	288	K (% Sat)	4.9
Mg (ppm)	268	Mg (% Sat)	17.7
Ca (ppm)	2,285	Ca (% Sat)	72.9
CEC	14.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	231
N (lb/A)	
P2O5 (LB/A)	113
K20 (LB/A)	94
MGO (LB/a)	6

COUNTY:	Fulton	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	1.7		
P (ppm)	148		
K (ppm)	268	K (% Sat)	6.2
Mg (ppm)	167	Mg (% Sat)	14.9
Ca (ppm)	1,385	Ca (% Sat)	63.3
CEC	10.7		

SOIL TEST RECOMMENDATIONS

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

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Commercial Vegetables

COUNTY: Greene **# of Samples** 8

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.1		
P (ppm)	122		
K (ppm)	249	K (% Sat)	5.4
Mg (ppm)	165	Mg (% Sat)	7.0
Ca (ppm)	1,380	Ca (% Sat)	53.3
CEC	11.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1625
N (lb/A)	
P2O5 (LB/A)	121
K2O (LB/A)	60
MGO (LB/a)	3

COUNTY: Huntingdon **# of Samples** 3

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	1.1		
P (ppm)	38		
K (ppm)	147	K (% Sat)	2.7
Mg (ppm)	208	Mg (% Sat)	8.3
Ca (ppm)	2,375	Ca (% Sat)	73.9
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	123
K2O (LB/A)	148
MGO (LB/a)	0

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COUNTY:	Indiana	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	171		
K (ppm)	168	K (% Sat)	2.9
Mg (ppm)	211	Mg (% Sat)	9.1
Ca (ppm)	2,370	Ca (% Sat)	68.4
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1083
N (lb/A)	
P2O5 (LB/A)	179
K20 (LB/A)	122
MGO (LB/a)	0

COUNTY:	Jefferson	# of Samples	18
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.7		
P (ppm)	114		
K (ppm)	159	K (% Sat)	3.2
Mg (ppm)	199	Mg (% Sat)	4.6
Ca (ppm)	1,815	Ca (% Sat)	60.8
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	156
K20 (LB/A)	102
MGO (LB/a)	16

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COUNTY:	Juniata	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	305		
K (ppm)	373	K (% Sat)	7.1
Mg (ppm)	232	Mg (% Sat)	10.4
Ca (ppm)	1,675	Ca (% Sat)	63.4
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	769
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	10
MGO (LB/a)	15

COUNTY:	Lackawanna	# of Samples	66
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	173		
K (ppm)	152	K (% Sat)	3.9
Mg (ppm)	129	Mg (% Sat)	3.5
Ca (ppm)	1,459	Ca (% Sat)	69.7
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2008
N (lb/A)	
P2O5 (LB/A)	88
K20 (LB/A)	98
MGO (LB/a)	19

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COUNTY:	Lancaster	# of Samples	24
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.3		
P (ppm)	249		
K (ppm)	234	K (% Sat)	4.6
Mg (ppm)	229	Mg (% Sat)	11.3
Ca (ppm)	1,831	Ca (% Sat)	68.4
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	625
N (lb/A)	
P2O5 (LB/A)	143
K20 (LB/A)	98
MGO (LB/a)	0

COUNTY:	Lawrence	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	143		
K (ppm)	163	K (% Sat)	3.2
Mg (ppm)	138	Mg (% Sat)	3.0
Ca (ppm)	1,850	Ca (% Sat)	58.7
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2778
N (lb/A)	
P2O5 (LB/A)	98
K20 (LB/A)	115
MGO (LB/a)	33

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

COUNTY: Lebanon **# of Samples** 5

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.7		
P (ppm)	96		
K (ppm)	157	K (% Sat)	2.8
Mg (ppm)	171	Mg (% Sat)	15.2
Ca (ppm)	2,024	Ca (% Sat)	66.5
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2560
N (lb/A)	
P2O5 (LB/A)	193
K20 (LB/A)	173
MGO (LB/a)	40

COUNTY: Lehigh **# of Samples** 27

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.2		
P (ppm)	160		
K (ppm)	194	K (% Sat)	3.7
Mg (ppm)	263	Mg (% Sat)	8.9
Ca (ppm)	2,120	Ca (% Sat)	68.0
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1185
N (lb/A)	
P2O5 (LB/A)	204
K20 (LB/A)	167
MGO (LB/a)	30

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

COUNTY:	Luzerne	# of Samples	27
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.5		
P (ppm)	231		
K (ppm)	193	K (% Sat)	3.7
Mg (ppm)	185	Mg (% Sat)	5.2
Ca (ppm)	1,725	Ca (% Sat)	60.0
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2148
N (lb/A)	
P2O5 (LB/A)	113
K20 (LB/A)	107
MGO (LB/a)	15

COUNTY:	Lycoming	# of Samples	26
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.8		
P (ppm)	266		
K (ppm)	317	K (% Sat)	5.0
Mg (ppm)	268	Mg (% Sat)	9.9
Ca (ppm)	2,862	Ca (% Sat)	62.8
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1231
N (lb/A)	
P2O5 (LB/A)	139
K20 (LB/A)	92
MGO (LB/a)	22

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

COUNTY: McKean

of Samples

2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.6		
P (ppm)	109		
K (ppm)	164	K (% Sat)	3.0
Mg (ppm)	284	Mg (% Sat)	14.9
Ca (ppm)	1,624	Ca (% Sat)	57.3
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	185
MGO (LB/a)	0

COUNTY: Mercer

of Samples

12

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	220		
K (ppm)	262	K (% Sat)	4.4
Mg (ppm)	196	Mg (% Sat)	11.0
Ca (ppm)	2,007	Ca (% Sat)	64.0
CEC	14.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1917
N (lb/A)	
P2O5 (LB/A)	69
K20 (LB/A)	65
MGO (LB/a)	16

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

COUNTY:	Mifflin	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.4		
Acidity (meq/100 g)	0.0		
P (ppm)	384		
K (ppm)	520	K (% Sat)	6.9
Mg (ppm)	316	Mg (% Sat)	16.4
Ca (ppm)	4,440	Ca (% Sat)	79.4
CEC	19.0		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Monroe	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.6		
P (ppm)	115		
K (ppm)	162	K (% Sat)	3.3
Mg (ppm)	197	Mg (% Sat)	15.5
Ca (ppm)	1,712	Ca (% Sat)	69.0
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1538
N (lb/A)	
P2O5 (LB/A)	153
K20 (LB/A)	151
MGO (LB/a)	3

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

COUNTY:	Montgomery	# of Samples	88
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	187		
K (ppm)	232	K (% Sat)	4.2
Mg (ppm)	257	Mg (% Sat)	10.6
Ca (ppm)	1,993	Ca (% Sat)	62.2
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1966
N (lb/A)	
P2O5 (LB/A)	178
K20 (LB/A)	142
MGO (LB/a)	15

COUNTY:	Montour	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.5		
P (ppm)	118		
K (ppm)	290	K (% Sat)	5.0
Mg (ppm)	161	Mg (% Sat)	8.9
Ca (ppm)	1,636	Ca (% Sat)	55.4
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4333
N (lb/A)	
P2O5 (LB/A)	160
K20 (LB/A)	
MGO (LB/a)	37

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

COUNTY:	Northampton	# of Samples	32
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.5		
P (ppm)	161		
K (ppm)	193	K (% Sat)	4.3
Mg (ppm)	199	Mg (% Sat)	4.7
Ca (ppm)	1,953	Ca (% Sat)	68.8
CEC	12.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1438
N (lb/A)	
P2O5 (LB/A)	225
K20 (LB/A)	173
MGO (LB/a)	8

COUNTY:	Northumberland	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.0		
P (ppm)	297		
K (ppm)	309	K (% Sat)	4.9
Mg (ppm)	200	Mg (% Sat)	8.4
Ca (ppm)	2,675	Ca (% Sat)	66.0
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1464
N (lb/A)	
P2O5 (LB/A)	178
K20 (LB/A)	117
MGO (LB/a)	18

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

COUNTY:	Perry	# of Samples	21
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.1		
P (ppm)	112		
K (ppm)	205	K (% Sat)	4.6
Mg (ppm)	166	Mg (% Sat)	8.1
Ca (ppm)	1,408	Ca (% Sat)	62.7
CEC	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1710
N (lb/A)	
P2O5 (LB/A)	86
K20 (LB/A)	69
MGO (LB/a)	8

COUNTY:	Philadelphia	# of Samples	18
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.5		
P (ppm)	308		
K (ppm)	271	K (% Sat)	4.2
Mg (ppm)	365	Mg (% Sat)	13.1
Ca (ppm)	2,964	Ca (% Sat)	72.1
CEC	15.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	120
K20 (LB/A)	186
MGO (LB/a)	0

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

COUNTY: Pike **# of Samples** 2

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	3.4		
P (ppm)	246		
K (ppm)	97	K (% Sat)	3.5
Mg (ppm)	73	Mg (% Sat)	7.7
Ca (ppm)	597	Ca (% Sat)	41.1
CEC	7.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2500
N (lb/A)	
P2O5 (LB/A)	
K2O (LB/A)	158
MGO (LB/a)	65

COUNTY: Potter **# of Samples** 14

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	71		
K (ppm)	88	K (% Sat)	1.9
Mg (ppm)	256	Mg (% Sat)	9.7
Ca (ppm)	1,453	Ca (% Sat)	54.1
CEC	12.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1393
N (lb/A)	
P2O5 (LB/A)	79
K2O (LB/A)	41
MGO (LB/a)	0

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

COUNTY:	Schuylkill	# 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)	274		
K (ppm)	227	K (% Sat)	3.9
Mg (ppm)	260	Mg (% Sat)	25.8
Ca (ppm)	1,945	Ca (% Sat)	62.7
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2152
N (lb/A)	
P2O5 (LB/A)	102
K20 (LB/A)	105
MGO (LB/a)	32

COUNTY:	Snyder	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	0.9		
P (ppm)	172		
K (ppm)	160	K (% Sat)	3.5
Mg (ppm)	164	Mg (% Sat)	7.5
Ca (ppm)	1,614	Ca (% Sat)	75.5
CEC	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	364
N (lb/A)	
P2O5 (LB/A)	100
K20 (LB/A)	112
MGO (LB/a)	4

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

COUNTY:	Somerset	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.4		
P (ppm)	142		
K (ppm)	179	K (% Sat)	3.2
Mg (ppm)	179	Mg (% Sat)	5.3
Ca (ppm)	1,364	Ca (% Sat)	53.4
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4100
N (lb/A)	
P2O5 (LB/A)	154
K20 (LB/A)	165
MGO (LB/a)	22

COUNTY:	Sullivan	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	5.7		
P (ppm)	12		
K (ppm)	56	K (% Sat)	1.4
Mg (ppm)	76	Mg (% Sat)	6.2
Ca (ppm)	732	Ca (% Sat)	36.1
CEC	10.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	6000
N (lb/A)	
P2O5 (LB/A)	255
K20 (LB/A)	220
MGO (LB/a)	50

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

COUNTY:	Susquehanna	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	2.8		
P (ppm)	180		
K (ppm)	207	K (% Sat)	3.8
Mg (ppm)	229	Mg (% Sat)	10.6
Ca (ppm)	1,684	Ca (% Sat)	60.5
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2567
N (lb/A)	
P2O5 (LB/A)	129
K2O (LB/A)	129
MGO (LB/a)	12

COUNTY:	Tioga	# of Samples	7
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.4		
P (ppm)	74		
K (ppm)	166	K (% Sat)	3.6
Mg (ppm)	172	Mg (% Sat)	8.2
Ca (ppm)	1,674	Ca (% Sat)	63.3
CEC	12.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2143
N (lb/A)	
P2O5 (LB/A)	141
K2O (LB/A)	131
MGO (LB/a)	7

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

COUNTY:	Union	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.7		
P (ppm)	150		
K (ppm)	156	K (% Sat)	3.5
Mg (ppm)	153	Mg (% Sat)	9.3
Ca (ppm)	1,890	Ca (% Sat)	72.2
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1538
N (lb/A)	
P2O5 (LB/A)	75
K20 (LB/A)	92
MGO (LB/a)	0

COUNTY:	Venango	# of Samples	4
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	214		
K (ppm)	139	K (% Sat)	2.5
Mg (ppm)	259	Mg (% Sat)	2.5
Ca (ppm)	2,469	Ca (% Sat)	68.1
CEC	14.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1625
N (lb/A)	
P2O5 (LB/A)	60
K20 (LB/A)	122
MGO (LB/a)	70

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

COUNTY:	Warren	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.9		
Acidity (meq/100 g)	4.4		
P (ppm)	169		
K (ppm)	141	K (% Sat)	2.3
Mg (ppm)	206	Mg (% Sat)	7.0
Ca (ppm)	1,491	Ca (% Sat)	48.1
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4333
N (lb/A)	
P2O5 (LB/A)	173
K2O (LB/A)	210
MGO (LB/a)	0

COUNTY:	Washington	# of Samples	35
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	2.7		
P (ppm)	84		
K (ppm)	207	K (% Sat)	3.6
Mg (ppm)	221	Mg (% Sat)	6.3
Ca (ppm)	1,888	Ca (% Sat)	62.0
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2311
N (lb/A)	
P2O5 (LB/A)	115
K2O (LB/A)	80
MGO (LB/a)	11

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

COUNTY:	Wayne	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	203		
K (ppm)	176	K (% Sat)	3.6
Mg (ppm)	193	Mg (% Sat)	4.5
Ca (ppm)	1,736	Ca (% Sat)	61.9
CEC	13.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2367
N (lb/A)	
P2O5 (LB/A)	100
K2O (LB/A)	90
MGO (LB/a)	10

COUNTY:	Westmoreland	# of Samples	41
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	193		
K (ppm)	272	K (% Sat)	4.4
Mg (ppm)	253	Mg (% Sat)	11.5
Ca (ppm)	2,492	Ca (% Sat)	64.2
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2037
N (lb/A)	
P2O5 (LB/A)	96
K2O (LB/A)	81
MGO (LB/a)	19

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

COUNTY:	Wyoming	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.5		
P (ppm)	146		
K (ppm)	110	K (% Sat)	3.3
Mg (ppm)	148	Mg (% Sat)	12.5
Ca (ppm)	949	Ca (% Sat)	54.6
CEC	8.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2346
N (lb/A)	
P2O5 (LB/A)	95
K2O (LB/A)	118
MGO (LB/a)	8

COUNTY:	York	# of Samples	32
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.2		
P (ppm)	141		
K (ppm)	242	K (% Sat)	5.1
Mg (ppm)	234	Mg (% Sat)	3.3
Ca (ppm)	1,703	Ca (% Sat)	65.8
CEC	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	625
N (lb/A)	
P2O5 (LB/A)	82
K2O (LB/A)	67
MGO (LB/a)	8