

SUMMARY REPORT
SOIL TEST RESULTS AND RECOMMENDATIONS
Commercial Vegetables

of Samples 1,281

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	143		
K (ppm)	217	K (% Sat)	3.9
Mg (ppm)	221	Mg (% Sat)	13.2
Ca (ppm)	1,988	Ca (% Sat)	64.3
CEC	13.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1311
N (lb/A)	
P2O5 (LB/A)	135
K2O (LB/A)	114
MGO (LB/a)	20

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SOIL TEST RESULTS AND RECOMMENDATIONS-BY COUNTY
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COUNTY:	ADAMS	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	175		
K (ppm)	310	K (% Sat)	5.1
Mg (ppm)	182	Mg (% Sat)	14.2
Ca (ppm)	1,870	Ca (% Sat)	65.1
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1222
N (lb/A)	
P2O5 (LB/A)	180
K20 (LB/A)	117
MGO (LB/a)	6

COUNTY:	Allegheny	# of Samples	126
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.7		
P (ppm)	101		
K (ppm)	220	K (% Sat)	3.7
Mg (ppm)	227	Mg (% Sat)	8.4
Ca (ppm)	2,508	Ca (% Sat)	72.3
CEC	14.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	893
N (lb/A)	
P2O5 (LB/A)	170
K20 (LB/A)	106
MGO (LB/a)	13

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COUNTY:	Armstrong	# of Samples	20
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	4.1		
P (ppm)	34		
K (ppm)	104	K (% Sat)	2.3
Mg (ppm)	117	Mg (% Sat)	7.9
Ca (ppm)	1,334	Ca (% Sat)	56.8
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2210
N (lb/A)	
P2O5 (LB/A)	134
K20 (LB/A)	84
MGO (LB/a)	34

COUNTY:	Beaver	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.8		
P (ppm)	134		
K (ppm)	339	K (% Sat)	5.0
Mg (ppm)	261	Mg (% Sat)	5.3
Ca (ppm)	2,476	Ca (% Sat)	66.0
CEC	15.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	115
K20 (LB/A)	20
MGO (LB/a)	18

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Commercial Vegetables

COUNTY:	Bedford	# of Samples	3
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.9		
P (ppm)	125		
K (ppm)	310	K (% Sat)	7.0
Mg (ppm)	225	Mg (% Sat)	10.5
Ca (ppm)	2,012	Ca (% Sat)	65.8
CEC	11.9		

SOIL TEST RECOMMENDATIONS

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

COUNTY:	Berks	# of Samples	43
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.5		
P (ppm)	223		
K (ppm)	310	K (% Sat)	4.7
Mg (ppm)	285	Mg (% Sat)	16.9
Ca (ppm)	2,468	Ca (% Sat)	66.7
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	674
N (lb/A)	
P2O5 (LB/A)	142
K20 (LB/A)	134
MGO (LB/a)	0

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Commercial Vegetables

COUNTY:	Blair	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	1.1		
P (ppm)	203		
K (ppm)	299	K (% Sat)	4.3
Mg (ppm)	384	Mg (% Sat)	6.4
Ca (ppm)	2,937	Ca (% Sat)	70.1
CEC	17.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	714
N (lb/A)	
P2O5 (LB/A)	108
K20 (LB/A)	85
MGO (LB/a)	47

COUNTY:	Bradford	# of Samples	18
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	180		
K (ppm)	232	K (% Sat)	3.6
Mg (ppm)	288	Mg (% Sat)	16.5
Ca (ppm)	1,874	Ca (% Sat)	57.6
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2472
N (lb/A)	
P2O5 (LB/A)	96
K20 (LB/A)	83
MGO (LB/a)	23

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COUNTY:	Bucks	# of Samples	41
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	135		
K (ppm)	176	K (% Sat)	3.7
Mg (ppm)	210	Mg (% Sat)	11.1
Ca (ppm)	1,540	Ca (% Sat)	53.8
CEC	12.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2366
N (lb/A)	
P2O5 (LB/A)	157
K20 (LB/A)	129
MGO (LB/a)	20

COUNTY:	Butler	# of Samples	21
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.2		
P (ppm)	151		
K (ppm)	290	K (% Sat)	4.5
Mg (ppm)	227	Mg (% Sat)	9.9
Ca (ppm)	2,423	Ca (% Sat)	74.5
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	524
N (lb/A)	
P2O5 (LB/A)	141
K20 (LB/A)	119
MGO (LB/a)	50

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COUNTY:	Cambria	# of Samples	18
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.4		
P (ppm)	209		
K (ppm)	298	K (% Sat)	4.5
Mg (ppm)	318	Mg (% Sat)	4.6
Ca (ppm)	2,605	Ca (% Sat)	69.6
CEC	15.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	889
N (lb/A)	
P2O5 (LB/A)	140
K20 (LB/A)	153
MGO (LB/a)	10

COUNTY:	Cameron	# of Samples	2
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	2.6		
P (ppm)	114		
K (ppm)	227	K (% Sat)	3.7
Mg (ppm)	205	Mg (% Sat)	5.9
Ca (ppm)	2,398	Ca (% Sat)	66.0
CEC	15.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	35
K20 (LB/A)	
MGO (LB/a)	20

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COUNTY: **Carbon** # of Samples **2**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.0		
P (ppm)	414		
K (ppm)	249	K (% Sat)	4.1
Mg (ppm)	288	Mg (% Sat)	10.6
Ca (ppm)	2,593	Ca (% Sat)	74.7
CEC	16.4		

SOIL TEST RECOMMENDATIONS

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

COUNTY: **Centre** # of Samples **112**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.6		
P (ppm)	87		
K (ppm)	165	K (% Sat)	3.4
Mg (ppm)	177	Mg (% Sat)	4.7
Ca (ppm)	1,900	Ca (% Sat)	70.3
CEC	12.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1018
N (lb/A)	
P2O5 (LB/A)	125
K20 (LB/A)	78
MGO (LB/a)	14

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COUNTY:	Chester	# of Samples	38
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.1		
Acidity (meq/100 g)	0.7		
P (ppm)	239		
K (ppm)	295	K (% Sat)	4.5
Mg (ppm)	352	Mg (% Sat)	10.3
Ca (ppm)	2,703	Ca (% Sat)	71.8
CEC	16.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	263
N (lb/A)	
P2O5 (LB/A)	188
K20 (LB/A)	168
MGO (LB/a)	0

COUNTY:	Clarion	# of Samples	13
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.4		
Acidity (meq/100 g)	8.1		
P (ppm)	33		
K (ppm)	108	K (% Sat)	2.0
Mg (ppm)	92	Mg (% Sat)	1.5
Ca (ppm)	972	Ca (% Sat)	32.9
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3692
N (lb/A)	
P2O5 (LB/A)	82
K20 (LB/A)	34
MGO (LB/a)	86

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COUNTY: **Clearfield** # of Samples **9**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	4.2		
P (ppm)	129		
K (ppm)	169	K (% Sat)	3.2
Mg (ppm)	221	Mg (% Sat)	3.4
Ca (ppm)	1,751	Ca (% Sat)	55.0
CEC	14.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2556
N (lb/A)	
P2O5 (LB/A)	212
K20 (LB/A)	130
MGO (LB/a)	31

COUNTY: **Clinton** # of Samples **3**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.0		
P (ppm)	21		
K (ppm)	103	K (% Sat)	2.6
Mg (ppm)	129	Mg (% Sat)	2.8
Ca (ppm)	1,086	Ca (% Sat)	51.5
CEC	10.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3000
N (lb/A)	
P2O5 (LB/A)	153
K20 (LB/A)	123
MGO (LB/a)	43

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COUNTY:	Columbia	# of Samples	30
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.5		
P (ppm)	144		
K (ppm)	161	K (% Sat)	3.4
Mg (ppm)	157	Mg (% Sat)	3.2
Ca (ppm)	1,370	Ca (% Sat)	54.0
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2467
N (lb/A)	
P2O5 (LB/A)	96
K20 (LB/A)	144
MGO (LB/a)	19

COUNTY:	Crawford	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.7		
P (ppm)	142		
K (ppm)	222	K (% Sat)	3.5
Mg (ppm)	247	Mg (% Sat)	4.0
Ca (ppm)	2,197	Ca (% Sat)	55.0
CEC	15.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2750
N (lb/A)	
P2O5 (LB/A)	169
K20 (LB/A)	139
MGO (LB/a)	28

SUMMARY REPORT
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COUNTY:	Cumberland	# of Samples	31
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.7		
P (ppm)	156		
K (ppm)	364	K (% Sat)	5.2
Mg (ppm)	317	Mg (% Sat)	12.5
Ca (ppm)	2,233	Ca (% Sat)	65.0
CEC	15.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1177
N (lb/A)	
P2O5 (LB/A)	130
K20 (LB/A)	119
MGO (LB/a)	4

COUNTY:	Dauphin	# of Samples	33
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	1.9		
P (ppm)	87		
K (ppm)	130	K (% Sat)	3.3
Mg (ppm)	168	Mg (% Sat)	7.6
Ca (ppm)	1,333	Ca (% Sat)	63.8
CEC	10.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	424
N (lb/A)	
P2O5 (LB/A)	82
K20 (LB/A)	70
MGO (LB/a)	3

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COUNTY:	Delaware	# of Samples	28
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.6		
P (ppm)	194		
K (ppm)	252	K (% Sat)	4.2
Mg (ppm)	300	Mg (% Sat)	13.6
Ca (ppm)	2,038	Ca (% Sat)	60.5
CEC	15.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	429
N (lb/A)	
P2O5 (LB/A)	39
K20 (LB/A)	154
MGO (LB/a)	5

COUNTY:	Eik	# of Samples	14
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.3		
P (ppm)	199		
K (ppm)	186	K (% Sat)	3.1
Mg (ppm)	179	Mg (% Sat)	6.1
Ca (ppm)	2,483	Ca (% Sat)	72.8
CEC	15.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1107
N (lb/A)	
P2O5 (LB/A)	120
K20 (LB/A)	73
MGO (LB/a)	41

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COUNTY:	Erie	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.3		
P (ppm)	203		
K (ppm)	281	K (% Sat)	4.3
Mg (ppm)	246	Mg (% Sat)	4.4
Ca (ppm)	2,134	Ca (% Sat)	51.6
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2781
N (lb/A)	
P2O5 (LB/A)	118
K20 (LB/A)	88
MGO (LB/a)	75

COUNTY:	Fayette	# of Samples	18
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.3		
P (ppm)	70		
K (ppm)	140	K (% Sat)	2.2
Mg (ppm)	198	Mg (% Sat)	7.1
Ca (ppm)	2,095	Ca (% Sat)	63.9
CEC	15.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2806
N (lb/A)	
P2O5 (LB/A)	200
K20 (LB/A)	143
MGO (LB/a)	35

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COUNTY:	Forest	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.2		
P (ppm)	111		
K (ppm)	201	K (% Sat)	4.5
Mg (ppm)	208	Mg (% Sat)	14.5
Ca (ppm)	1,354	Ca (% Sat)	59.7
CEC	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	90
K20 (LB/A)	100
MGO (LB/a)	0

COUNTY:	Franklin	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.7		
P (ppm)	95		
K (ppm)	273	K (% Sat)	4.4
Mg (ppm)	216	Mg (% Sat)	2.8
Ca (ppm)	3,361	Ca (% Sat)	63.6
CEC	15.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1182
N (lb/A)	
P2O5 (LB/A)	119
K20 (LB/A)	40
MGO (LB/a)	14

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COUNTY:	Fulton	# of Samples	9
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.0		
P (ppm)	164		
K (ppm)	204	K (% Sat)	4.6
Mg (ppm)	154	Mg (% Sat)	6.0
Ca (ppm)	1,318	Ca (% Sat)	54.4
CEC	11.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1778
N (lb/A)	
P2O5 (LB/A)	207
K20 (LB/A)	180
MGO (LB/a)	13

COUNTY:	Greene	# of Samples	5
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	1.8		
P (ppm)	136		
K (ppm)	268	K (% Sat)	4.3
Mg (ppm)	274	Mg (% Sat)	9.3
Ca (ppm)	2,665	Ca (% Sat)	66.7
CEC	15.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	600
N (lb/A)	
P2O5 (LB/A)	88
K20 (LB/A)	50
MGO (LB/a)	0

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COUNTY:	Huntingdon	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.7		
P (ppm)	137		
K (ppm)	205	K (% Sat)	4.1
Mg (ppm)	196	Mg (% Sat)	5.2
Ca (ppm)	1,686	Ca (% Sat)	65.7
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	875
N (lb/A)	
P2O5 (LB/A)	104
K20 (LB/A)	146
MGO (LB/a)	38

COUNTY:	Indiana	# of Samples	26
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.8		
P (ppm)	166		
K (ppm)	314	K (% Sat)	5.0
Mg (ppm)	240	Mg (% Sat)	6.8
Ca (ppm)	2,182	Ca (% Sat)	68.5
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	865
N (lb/A)	
P2O5 (LB/A)	62
K20 (LB/A)	69
MGO (LB/a)	23

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COUNTY:	Jefferson	# of Samples	11
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.4		
P (ppm)	107		
K (ppm)	212	K (% Sat)	3.9
Mg (ppm)	207	Mg (% Sat)	6.8
Ca (ppm)	1,843	Ca (% Sat)	66.4
CEC	13.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1455
N (lb/A)	
P2O5 (LB/A)	174
K20 (LB/A)	70
MGO (LB/a)	10

COUNTY:	Lackawanna	# of Samples	37
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.3		
P (ppm)	135		
K (ppm)	143	K (% Sat)	3.6
Mg (ppm)	135	Mg (% Sat)	8.3
Ca (ppm)	1,509	Ca (% Sat)	72.2
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	703
N (lb/A)	
P2O5 (LB/A)	136
K20 (LB/A)	139
MGO (LB/a)	12

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COUNTY:	Lancaster	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.0		
P (ppm)	242		
K (ppm)	283	K (% Sat)	5.4
Mg (ppm)	237	Mg (% Sat)	20.6
Ca (ppm)	2,013	Ca (% Sat)	69.6
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	588
N (lb/A)	
P2O5 (LB/A)	135
K20 (LB/A)	126
MGO (LB/a)	15

COUNTY:	Lawrence	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.4		
P (ppm)	120		
K (ppm)	174	K (% Sat)	4.1
Mg (ppm)	186	Mg (% Sat)	16.2
Ca (ppm)	1,505	Ca (% Sat)	60.8
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1500
N (lb/A)	
P2O5 (LB/A)	173
K20 (LB/A)	176
MGO (LB/a)	29

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

COUNTY: **Lebanon** # of Samples **8**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.5		
Acidity (meq/100 g)	0.6		
P (ppm)	255		
K (ppm)	263	K (% Sat)	3.9
Mg (ppm)	235	Mg (% Sat)	16.6
Ca (ppm)	4,284	Ca (% Sat)	80.9
CEC	17.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	500
N (lb/A)	
P2O5 (LB/A)	62
K20 (LB/A)	
MGO (LB/a)	4

COUNTY: **Lehigh** # of Samples **29**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.8		
Acidity (meq/100 g)	1.8		
P (ppm)	155		
K (ppm)	184	K (% Sat)	3.8
Mg (ppm)	203	Mg (% Sat)	4.0
Ca (ppm)	1,976	Ca (% Sat)	67.6
CEC	12.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	862
N (lb/A)	
P2O5 (LB/A)	142
K20 (LB/A)	181
MGO (LB/a)	19

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

COUNTY:	Luzerne	# of Samples	22
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	1.3		
P (ppm)	290		
K (ppm)	203	K (% Sat)	4.1
Mg (ppm)	234	Mg (% Sat)	6.3
Ca (ppm)	2,408	Ca (% Sat)	68.4
CEC	13.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	727
N (lb/A)	
P2O5 (LB/A)	108
K20 (LB/A)	107
MGO (LB/a)	13

COUNTY:	Lycoming	# of Samples	7
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.6		
P (ppm)	70		
K (ppm)	172	K (% Sat)	3.5
Mg (ppm)	187	Mg (% Sat)	10.1
Ca (ppm)	1,447	Ca (% Sat)	55.1
CEC	12.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1429
N (lb/A)	
P2O5 (LB/A)	76
K20 (LB/A)	93
MGO (LB/a)	16

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

COUNTY:	McKean	# 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)	72		
K (ppm)	137	K (% Sat)	2.4
Mg (ppm)	176	Mg (% Sat)	8.1
Ca (ppm)	1,658	Ca (% Sat)	58.0
CEC	14.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	3571
N (lb/A)	
P2O5 (LB/A)	175
K20 (LB/A)	106
MGO (LB/a)	0

COUNTY:	Mercer	# of Samples	19
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.9		
P (ppm)	182		
K (ppm)	283	K (% Sat)	4.9
Mg (ppm)	216	Mg (% Sat)	11.3
Ca (ppm)	2,325	Ca (% Sat)	65.5
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1105
N (lb/A)	
P2O5 (LB/A)	152
K20 (LB/A)	128
MGO (LB/a)	8

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	7.1		
Acidity (meq/100 g)	0.0		
P (ppm)	172		
K (ppm)	466	K (% Sat)	8.7
Mg (ppm)	226	Mg (% Sat)	13.9
Ca (ppm)	2,124	Ca (% Sat)	77.6
CEC	13.7		

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	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	5.5		
P (ppm)	151		
K (ppm)	111	K (% Sat)	1.9
Mg (ppm)	183	Mg (% Sat)	2.2
Ca (ppm)	1,663	Ca (% Sat)	46.6
CEC	13.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4542
N (lb/A)	
P2O5 (LB/A)	170
K20 (LB/A)	134
MGO (LB/a)	103

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

COUNTY:	Montgomery	# of Samples	73
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.7		
P (ppm)	122		
K (ppm)	172	K (% Sat)	3.4
Mg (ppm)	272	Mg (% Sat)	10.2
Ca (ppm)	1,734	Ca (% Sat)	62.0
CEC	12.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	815
N (lb/A)	
P2O5 (LB/A)	158
K20 (LB/A)	150
MGO (LB/a)	9

COUNTY:	Montour	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.0		
Acidity (meq/100 g)	0.5		
P (ppm)	173		
K (ppm)	189	K (% Sat)	4.3
Mg (ppm)	210	Mg (% Sat)	8.3
Ca (ppm)	1,873	Ca (% Sat)	77.7
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	0
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	120
MGO (LB/a)	44

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

COUNTY:	Northampton	# of Samples	24
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.4		
Acidity (meq/100 g)	3.2		
P (ppm)	130		
K (ppm)	257	K (% Sat)	5.5
Mg (ppm)	175	Mg (% Sat)	1.1
Ca (ppm)	1,456	Ca (% Sat)	53.1
CEC	11.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2354
N (lb/A)	
P2O5 (LB/A)	101
K20 (LB/A)	124
MGO (LB/a)	8

COUNTY:	Northumberland	# of Samples	1
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	5.7		
Acidity (meq/100 g)	6.3		
P (ppm)	42		
K (ppm)	255	K (% Sat)	6.0
Mg (ppm)	64	Mg (% Sat)	4.9
Ca (ppm)	677	Ca (% Sat)	31.1
CEC	10.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	5000
N (lb/A)	
P2O5 (LB/A)	180
K20 (LB/A)	
MGO (LB/a)	70

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

COUNTY:	Perry	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.1		
P (ppm)	130		
K (ppm)	161	K (% Sat)	3.9
Mg (ppm)	122	Mg (% Sat)	6.4
Ca (ppm)	1,362	Ca (% Sat)	66.9
CEC	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1206
N (lb/A)	
P2O5 (LB/A)	56
K20 (LB/A)	94
MGO (LB/a)	47

COUNTY:	Philadelphia	# of Samples	8
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.2		
Acidity (meq/100 g)	0.5		
P (ppm)	292		
K (ppm)	696	K (% Sat)	8.5
Mg (ppm)	458	Mg (% Sat)	19.8
Ca (ppm)	2,977	Ca (% Sat)	69.1
CEC	19.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	250
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	130
MGO (LB/a)	0

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

COUNTY:	Potter	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.6		
P (ppm)	108		
K (ppm)	230	K (% Sat)	4.8
Mg (ppm)	229	Mg (% Sat)	3.5
Ca (ppm)	1,333	Ca (% Sat)	52.8
CEC	12.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2550
N (lb/A)	
P2O5 (LB/A)	119
K20 (LB/A)	13
MGO (LB/a)	15

COUNTY:	Schuylkill	# of Samples	17
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.4		
P (ppm)	232		
K (ppm)	201	K (% Sat)	3.6
Mg (ppm)	242	Mg (% Sat)	1.3
Ca (ppm)	1,881	Ca (% Sat)	54.0
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1882
N (lb/A)	
P2O5 (LB/A)	91
K20 (LB/A)	69
MGO (LB/a)	39

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

COUNTY:	Snyder	# of Samples	20
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.2		
P (ppm)	139		
K (ppm)	177	K (% Sat)	3.5
Mg (ppm)	159	Mg (% Sat)	12.4
Ca (ppm)	1,639	Ca (% Sat)	67.3
CEC	11.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	950
N (lb/A)	
P2O5 (LB/A)	118
K20 (LB/A)	137
MGO (LB/a)	19

COUNTY:	Somerset	# of Samples	12
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.0		
Acidity (meq/100 g)	5.0		
P (ppm)	194		
K (ppm)	186	K (% Sat)	3.2
Mg (ppm)	194	Mg (% Sat)	3.3
Ca (ppm)	1,865	Ca (% Sat)	51.3
CEC	15.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	4625
N (lb/A)	
P2O5 (LB/A)	182
K20 (LB/A)	105
MGO (LB/a)	44

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

COUNTY:	Sullivan	# of Samples	6
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	7.3		
Acidity (meq/100 g)	1.5		
P (ppm)	165		
K (ppm)	763	K (% Sat)	9.1
Mg (ppm)	371	Mg (% Sat)	25.5
Ca (ppm)	3,099	Ca (% Sat)	65.2
CEC	18.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1083
N (lb/A)	
P2O5 (LB/A)	
K20 (LB/A)	
MGO (LB/a)	40

COUNTY:	Susquehanna	# of Samples	8
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.3		
Acidity (meq/100 g)	3.8		
P (ppm)	168		
K (ppm)	276	K (% Sat)	3.9
Mg (ppm)	309	Mg (% Sat)	14.0
Ca (ppm)	1,483	Ca (% Sat)	52.5
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2688
N (lb/A)	
P2O5 (LB/A)	58
K20 (LB/A)	23
MGO (LB/a)	100

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

COUNTY:	Tioga	# of Samples	10
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.6		
Acidity (meq/100 g)	2.6		
P (ppm)	80		
K (ppm)	177	K (% Sat)	3.3
Mg (ppm)	216	Mg (% Sat)	14.1
Ca (ppm)	1,928	Ca (% Sat)	62.2
CEC	13.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	78
K20 (LB/A)	67
MGO (LB/a)	0

COUNTY:	Union	# of Samples	16
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	1.1		
P (ppm)	85		
K (ppm)	190	K (% Sat)	5.1
Mg (ppm)	134	Mg (% Sat)	9.2
Ca (ppm)	1,393	Ca (% Sat)	71.3
CEC	9.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	656
N (lb/A)	
P2O5 (LB/A)	153
K20 (LB/A)	113
MGO (LB/a)	21

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

COUNTY: **Venango** # of Samples **3**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.2		
Acidity (meq/100 g)	3.9		
P (ppm)	237		
K (ppm)	180	K (% Sat)	3.1
Mg (ppm)	166	Mg (% Sat)	11.3
Ca (ppm)	1,248	Ca (% Sat)	48.4
CEC	12.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2000
N (lb/A)	
P2O5 (LB/A)	98
K20 (LB/A)	103
MGO (LB/a)	0

COUNTY: **Warren** # of Samples **3**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.9		
Acidity (meq/100 g)	0.7		
P (ppm)	145		
K (ppm)	277	K (% Sat)	5.1
Mg (ppm)	277	Mg (% Sat)	21.6
Ca (ppm)	2,080	Ca (% Sat)	73.5
CEC	14.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	667
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:	Washington	# of Samples	27
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	104		
K (ppm)	202	K (% Sat)	3.5
Mg (ppm)	255	Mg (% Sat)	4.4
Ca (ppm)	1,941	Ca (% Sat)	61.6
CEC	14.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1496
N (lb/A)	
P2O5 (LB/A)	118
K20 (LB/A)	86
MGO (LB/a)	6

COUNTY:	Wayne	# of Samples	15
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.1		
Acidity (meq/100 g)	4.3		
P (ppm)	187		
K (ppm)	172	K (% Sat)	2.9
Mg (ppm)	190	Mg (% Sat)	3.0
Ca (ppm)	1,385	Ca (% Sat)	49.6
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	2800
N (lb/A)	
P2O5 (LB/A)	96
K20 (LB/A)	136
MGO (LB/a)	27

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

COUNTY:	Westmoreland	# of Samples	30
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.7		
Acidity (meq/100 g)	2.2		
P (ppm)	190		
K (ppm)	216	K (% Sat)	3.8
Mg (ppm)	220	Mg (% Sat)	4.2
Ca (ppm)	2,562	Ca (% Sat)	67.7
CEC	14.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1033
N (lb/A)	
P2O5 (LB/A)	104
K20 (LB/A)	138
MGO (LB/a)	17

COUNTY:	Wyoming	# of Samples	25
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SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
pH	6.5		
Acidity (meq/100 g)	2.7		
P (ppm)	152		
K (ppm)	121	K (% Sat)	3.2
Mg (ppm)	110	Mg (% Sat)	1.7
Ca (ppm)	1,128	Ca (% Sat)	58.2
CEC	9.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1840
N (lb/A)	
P2O5 (LB/A)	85
K20 (LB/A)	158
MGO (LB/a)	30

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	6.7		
Acidity (meq/100 g)	1.6		
P (ppm)	114		
K (ppm)	239	K (% Sat)	4.6
Mg (ppm)	259	Mg (% Sat)	14.0
Ca (ppm)	1,870	Ca (% Sat)	64.3
CEC	13.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (lb/A)	1000
N (lb/A)	
P2O5 (LB/A)	169
K20 (LB/A)	123
MGO (LB/a)	5