

SUMMARY REPORT-
SOIL TEST RESULTS AND RECOMMENDATIONS
Agronomic

1997-1998

SAMPLES: 24243

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.4		
ACIDITY (meq/100 g)	2.1		
P (ppm)*	65		
K (ppm)	115	K (% sat)	3.31
Mg (ppm)	131	Mg (% sat)	12.1
Ca (ppm)	1184	Ca (% sat)	61.0
CEC (meq/100 g)	9.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1684
N (LB/A)	72
P2O5 (LB/A)	41
K2O (LB/A)	81
MGO (LB/A)	12

*Note: Maximum laboratory measurement of 750 ppm P in soil. Average P value does not reflect samples that may have exceeded 750 ppm P.

Agronomic

ADAMS

SAMPLES: 157

SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
PH	6.4		
ACIDITY (meq/100 g)	1.9		
P (ppm)*	62		
K (ppm)	74	K (% sat)	2.19
Mg (ppm)	152	Mg (% sat)	14.0
Ca (ppm)	1109	Ca (% sat)	61.2
CEC (meq/100 g)	8.8		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (LB/A)	1387
N (LB/A)	63
P2O5 (LB/A)	46
K2O (LB/A)	125
MGO (LB/A)	9

ALLEGHENY

SAMPLES: 237

SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
PH	7.1		
ACIDITY (meq/100 g)	1.4		
P (ppm)*	53		
K (ppm)	133	K (% sat)	2.68
Mg (ppm)	412	Mg (% sat)	16.4
Ca (ppm)	4904	Ca (% sat)	61.5
CEC (meq/100 g)	14.9		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (LB/A)	1225
N (LB/A)	83
P2O5 (LB/A)	75
K2O (LB/A)	131
MGO (LB/A)	14

Agronomic

ARMSTRONG# SAMPLES: **193**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.0		
ACIDITY (meq/100 g)	3.2		
P (ppm)*	38		
K (ppm)	94	K (% sat)	2.54
Mg (ppm)	92	Mg (% sat)	7.8
Ca (ppm)	1048	Ca (% sat)	55.7
CEC (meq/100 g)	9.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2669
N (LB/A)	60
P2O5 (LB/A)	83
K2O (LB/A)	118
MGO (LB/A)	61

BEAVER# SAMPLES: **123**

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.2		
ACIDITY (meq/100 g)	2.4		
P (ppm)*	39		
K (ppm)	99	K (% sat)	2.95
Mg (ppm)	94	Mg (% sat)	9.1
Ca (ppm)	1076	Ca (% sat)	59.6
CEC (meq/100 g)	8.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2240
N (LB/A)	56
P2O5 (LB/A)	58
K2O (LB/A)	85
MGO (LB/A)	31

Agronomic

BEDFORD

SAMPLES:

633

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.4		
ACIDITY (meq/100 g)	1.6		
P (ppm)*	53		
K (ppm)	114	K (% sat)	3.50
Mg (ppm)	121	Mg (% sat)	12.0
Ca (ppm)	1097	Ca (% sat)	64.7
CEC (meq/100 g)	8.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1370
N (LB/A)	78
P2O5 (LB/A)	46
K2O (LB/A)	90
MGO (LB/A)	10

BERKS

SAMPLES:

639

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.6		
ACIDITY (meq/100 g)	1.3		
P (ppm)*	98		
K (ppm)	141	K (% sat)	3.89
Mg (ppm)	162	Mg (% sat)	14.7
Ca (ppm)	1258	Ca (% sat)	66.9
CEC (meq/100 g)	9.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	915
N (LB/A)	54
P2O5 (LB/A)	24
K2O (LB/A)	51
MGO (LB/A)	5

Agronomic

BLAIR

SOIL TEST RESULTS		# SAMPLES: 611	
RESULT	AVERAGE	RESULT	AVERAGE
PH	6.6		
ACIDITY (meq/100 g)	1.2		
P (ppm)*	59		
K (ppm)	121	K (% sat)	3.97
Mg (ppm)	131	Mg (% sat)	13.7
Ca (ppm)	1154	Ca (% sat)	66.6
CEC (meq/100 g)	8.3		

SOIL TEST RECOMMENDATIONS	AVERAGE
LIME (LB/A)	997
N (LB/A)	86
P2O5 (LB/A)	46
K2O (LB/A)	86
MGO (LB/A)	8

BRADFORD

SOIL TEST RESULTS		# SAMPLES: 668	
RESULT	AVERAGE	RESULT	AVERAGE
PH	6.2		
ACIDITY (meq/100 g)	2.3		
P (ppm)*	60		
K (ppm)	106	K (% sat)	2.87
Mg (ppm)	154	Mg (% sat)	14.0
Ca (ppm)	1056	Ca (% sat)	57.3
CEC (meq/100 g)	9.1		

SOIL TEST RECOMMENDATIONS	AVERAGE
LIME (LB/A)	2056
N (LB/A)	54
P2O5 (LB/A)	32
K2O (LB/A)	109
MGO (LB/A)	7

*Note: Maximum laboratory measurement of 750 ppm P in soil. Average P value does not reflect samples that may have exceeded 750 ppm P.

Agronomic

BUCKS

SOIL TEST RESULTS				# SAMPLES:	181
RESULT	AVERAGE	RESULT	AVERAGE		
PH	6.4				
ACIDITY (meq/100 g)	1.8				
P (ppm)*	51				
K (ppm)	99	K (% sat)	3.20		
Mg (ppm)	190	Mg (% sat)	20.0		
Ca (ppm)	867	Ca (% sat)	54.1		
CEC (meq/100 g)	8.0				
SOIL TEST RECOMMENDATIONS					
RECOMMENDATION		AVERAGE			
LIME (LB/A)		1349			
N (LB/A)		89			
P2O5 (LB/A)		44			
K2O (LB/A)		72			
MGO (LB/A)		1			

BUTLER

SOIL TEST RESULTS				# SAMPLES:	307
RESULT	AVERAGE	RESULT	AVERAGE		
PH	6.3				
ACIDITY (meq/100 g)	2.3				
P (ppm)*	44				
K (ppm)	89	K (% sat)	2.48		
Mg (ppm)	85	Mg (% sat)	7.6		
Ca (ppm)	1426	Ca (% sat)	62.8		
CEC (meq/100 g)	9.2				
SOIL TEST RECOMMENDATIONS					
RECOMMENDATION		AVERAGE			
LIME (LB/A)		2230			
N (LB/A)		68			
P2O5 (LB/A)		72			
K2O (LB/A)		122			
MGO (LB/A)		41			

Agronomic

CAMBRIA

SAMPLES:

295

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.2		
ACIDITY (meq/100 g)	2.7		
P (ppm)*	47		
K (ppm)	117	K (% sat)	2.89
Mg (ppm)	124	Mg (% sat)	9.8
Ca (ppm)	1351	Ca (% sat)	61.2
CEC (meq/100 g)	10.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2428
N (LB/A)	73
P2O5 (LB/A)	55
K2O (LB/A)	101
MGO (LB/A)	12

CAMERON

SAMPLES:

23

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.3		
ACIDITY (meq/100 g)	2.3		
P (ppm)*	24		
K (ppm)	79	K (% sat)	2.14
Mg (ppm)	57	Mg (% sat)	5.0
Ca (ppm)	1312	Ca (% sat)	65.9
CEC (meq/100 g)	9.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2122
N (LB/A)	94
P2O5 (LB/A)	110
K2O (LB/A)	110
MGO (LB/A)	40

Agronomic

CARBON

SAMPLES:

11

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	5.7		
ACIDITY (meq/100 g)	3.6		
P (ppm)*	65		
K (ppm)	105	K (% sat)	3.19
Mg (ppm)	96	Mg (% sat)	8.8
Ca (ppm)	775	Ca (% sat)	41.2
CEC (meq/100 g)	8.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	4055
N (LB/A)	85
P2O5 (LB/A)	17
K2O (LB/A)	49
MGO (LB/A)	45

CENTRE

SAMPLES:

1262

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.5		
ACIDITY (meq/100 g)	1.6		
P (ppm)*	57		
K (ppm)	123	K (% sat)	3.53
Mg (ppm)	110	Mg (% sat)	10.1
Ca (ppm)	1341	Ca (% sat)	68.0
CEC (meq/100 g)	9.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1287
N (LB/A)	52
P2O5 (LB/A)	33
K2O (LB/A)	72
MGO (LB/A)	18

Agronomic

CHESTER

SAMPLES:

918

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.5		
ACIDITY (meq/100 g)	1.5		
P (ppm)*	66		
K (ppm)	117	K (% sat)	3.56
Mg (ppm)	196	Mg (% sat)	17.9
Ca (ppm)	1033	Ca (% sat)	60.4
CEC (meq/100 g)	8.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	953
N (LB/A)	46
P2O5 (LB/A)	29
K2O (LB/A)	43
MGO (LB/A)	1

CLARION

SAMPLES:

161

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.1		
ACIDITY (meq/100 g)	3.1		
P (ppm)*	33		
K (ppm)	103	K (% sat)	2.73
Mg (ppm)	84	Mg (% sat)	7.1
Ca (ppm)	1331	Ca (% sat)	61.9
CEC (meq/100 g)	10.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2794
N (LB/A)	68
P2O5 (LB/A)	77
K2O (LB/A)	100
MGO (LB/A)	23

Agronomic

CLEARFIELD

SAMPLES:

412

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.2		
ACIDITY (meq/100 g)	2.8		
P (ppm)*	65		
K (ppm)	96	K (% sat)	2.44
Mg (ppm)	106	Mg (% sat)	8.3
Ca (ppm)	1804	Ca (% sat)	59.5
CEC (meq/100 g)	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2362
N (LB/A)	59
P2O5 (LB/A)	72
K2O (LB/A)	124
MGO (LB/A)	27

CLINTON

SAMPLES:

363

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.6		
ACIDITY (meq/100 g)	1.3		
P (ppm)*	49		
K (ppm)	110	K (% sat)	3.55
Mg (ppm)	112	Mg (% sat)	11.9
Ca (ppm)	1108	Ca (% sat)	67.3
CEC (meq/100 g)	8.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1209
N (LB/A)	74
P2O5 (LB/A)	54
K2O (LB/A)	74
MGO (LB/A)	9

Agronomic

COLUMBIA

SAMPLES:

586**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.4		
ACIDITY (meq/100 g)	2.0		
P (ppm)*	78		
K (ppm)	92	K (% sat)	2.87
Mg (ppm)	83	Mg (% sat)	8.6
Ca (ppm)	1103	Ca (% sat)	62.5
CEC (meq/100 g)	8.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1624
N (LB/A)	92
P2O5 (LB/A)	22
K2O (LB/A)	72
MGO (LB/A)	21

CRAWFORD

SAMPLES:

735**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.2		
ACIDITY (meq/100 g)	2.6		
P (ppm)*	50		
K (ppm)	94	K (% sat)	2.76
Mg (ppm)	128	Mg (% sat)	12.2
Ca (ppm)	968	Ca (% sat)	55.4
CEC (meq/100 g)	8.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2143
N (LB/A)	82
P2O5 (LB/A)	40
K2O (LB/A)	69
MGO (LB/A)	6

Agronomic

CUMBERLAND

SAMPLES:

463

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.4		
ACIDITY (meq/100 g)	1.7		
P (ppm)*	72		
K (ppm)	110	K (% sat)	3.08
Mg (ppm)	110	Mg (% sat)	10.3
Ca (ppm)	1277	Ca (% sat)	66.1
CEC (meq/100 g)	9.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1396
N (LB/A)	99
P2O5 (LB/A)	31
K2O (LB/A)	71
MGO (LB/A)	10

DAUPHIN

SAMPLES:

674

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.3		
ACIDITY (meq/100 g)	2.1		
P (ppm)*	84		
K (ppm)	108	K (% sat)	3.16
Mg (ppm)	110	Mg (% sat)	10.7
Ca (ppm)	1081	Ca (% sat)	60.6
CEC (meq/100 g)	8.6		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1580
N (LB/A)	63
P2O5 (LB/A)	30
K2O (LB/A)	80
MGO (LB/A)	25

Agronomic

DELAWARE

SAMPLES:

34**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.4		
ACIDITY (meq/100 g)	2.3		
P (ppm)*	48		
K (ppm)	117	K (% sat)	3.56
Mg (ppm)	147	Mg (% sat)	14.7
Ca (ppm)	985	Ca (% sat)	56.4
CEC (meq/100 g)	8.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1853
N (LB/A)	70
P2O5 (LB/A)	51
K2O (LB/A)	51
MGO (LB/A)	6

ELK

SAMPLES:

76**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	5.9		
ACIDITY (meq/100 g)	3.5		
P (ppm)*	25		
K (ppm)	79	K (% sat)	2.00
Mg (ppm)	80	Mg (% sat)	6.5
Ca (ppm)	1183	Ca (% sat)	56.4
CEC (meq/100 g)	10.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	3300
N (LB/A)	65
P2O5 (LB/A)	110
K2O (LB/A)	147
MGO (LB/A)	44

Agronomic

ERIE

SOIL TEST RESULTS		# SAMPLES: 273	
RESULT	AVERAGE	RESULT	AVERAGE
PH	6.1		
ACIDITY (meq/100 g)	3.0		
P (ppm)*	58		
K (ppm)	94	K (% sat)	2.78
Mg (ppm)	120	Mg (% sat)	11.3
Ca (ppm)	948	Ca (% sat)	53.0
CEC (meq/100 g)	8.9		

SOIL TEST RECOMMENDATIONS	AVERAGE
LIME (LB/A)	2651
N (LB/A)	85
P2O5 (LB/A)	52
K2O (LB/A)	82
MGO (LB/A)	3

FAYETTE

SOIL TEST RESULTS		# SAMPLES: 441	
RESULT	AVERAGE	RESULT	AVERAGE
PH	6.2		
ACIDITY (meq/100 g)	2.6		
P (ppm)*	40		
K (ppm)	116	K (% sat)	2.89
Mg (ppm)	132	Mg (% sat)	10.6
Ca (ppm)	1297	Ca (% sat)	60.1
CEC (meq/100 g)	10.4		

SOIL TEST RECOMMENDATIONS	AVERAGE
LIME (LB/A)	2155
N (LB/A)	57
P2O5 (LB/A)	62
K2O (LB/A)	99
MGO (LB/A)	20

*Note: Maximum laboratory measurement of 750 ppm P in soil. Average P value does not reflect samples that may have exceeded 750 ppm P.

Agronomic

FOREST

SAMPLES:

10**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	5.8		
ACIDITY (meq/100 g)	4.3		
P (ppm)*	29		
K (ppm)	59	K (% sat)	1.64
Mg (ppm)	44	Mg (% sat)	4.0
Ca (ppm)	804	Ca (% sat)	47.4
CEC (meq/100 g)	8.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	4650
N (LB/A)	71
P2O5 (LB/A)	73
K2O (LB/A)	167
MGO (LB/A)	58

FRANKLIN

SAMPLES:

930**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.6		
ACIDITY (meq/100 g)	1.3		
P (ppm)*	62		
K (ppm)	131	K (% sat)	3.75
Mg (ppm)	130	Mg (% sat)	12.1
Ca (ppm)	1289	Ca (% sat)	68.9
CEC (meq/100 g)	8.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	913
N (LB/A)	59
P2O5 (LB/A)	31
K2O (LB/A)	71
MGO (LB/A)	4

Agronomic

FULTON

SAMPLES: 319

SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
PH	6.2		
ACIDITY (meq/100 g)	2.0		
P (ppm)*	39		
K (ppm)	87	K (% sat)	2.99
Mg (ppm)	98	Mg (% sat)	11.4
Ca (ppm)	837	Ca (% sat)	57.7
CEC (meq/100 g)	7.2		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (LB/A)	1924
N (LB/A)	53
P2O5 (LB/A)	70
K2O (LB/A)	123
MGO (LB/A)	5

GREENE

SAMPLES: 103

SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
PH	5.9		
ACIDITY (meq/100 g)	3.5		
P (ppm)*	30		
K (ppm)	112	K (% sat)	2.56
Mg (ppm)	132	Mg (% sat)	10.1
Ca (ppm)	1204	Ca (% sat)	54.5
CEC (meq/100 g)	10.9		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (LB/A)	3090
N (LB/A)	35
P2O5 (LB/A)	81
K2O (LB/A)	137
MGO (LB/A)	42

Agronomic

HUNTINGDON

SAMPLES:

298

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.7		
ACIDITY (meq/100 g)	1.2		
P (ppm)*	45		
K (ppm)	112	K (% sat)	3.15
Mg (ppm)	109	Mg (% sat)	9.9
Ca (ppm)	1512	Ca (% sat)	71.8
CEC (meq/100 g)	9.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	999
N (LB/A)	54
P2O5 (LB/A)	60
K2O (LB/A)	109
MGO (LB/A)	17

INDIANA

SAMPLES:

538

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.1		
ACIDITY (meq/100 g)	3.1		
P (ppm)*	39		
K (ppm)	87	K (% sat)	2.46
Mg (ppm)	114	Mg (% sat)	10.9
Ca (ppm)	985	Ca (% sat)	55.0
CEC (meq/100 g)	9.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2793
N (LB/A)	72
P2O5 (LB/A)	64
K2O (LB/A)	110
MGO (LB/A)	25

Agronomic

JEFFERSON

SAMPLES:

179**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	5.8		
ACIDITY (meq/100 g)	3.7		
P (ppm)*	31		
K (ppm)	85	K (% sat)	2.33
Mg (ppm)	85	Mg (% sat)	7.7
Ca (ppm)	943	Ca (% sat)	50.6
CEC (meq/100 g)	9.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	3464
N (LB/A)	62
P2O5 (LB/A)	96
K2O (LB/A)	117
MGO (LB/A)	32

JUNIATA

SAMPLES:

475**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.4		
ACIDITY (meq/100 g)	1.7		
P (ppm)*	110		
K (ppm)	146	K (% sat)	4.16
Mg (ppm)	108	Mg (% sat)	10.2
Ca (ppm)	1221	Ca (% sat)	65.1
CEC (meq/100 g)	8.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1564
N (LB/A)	46
P2O5 (LB/A)	37
K2O (LB/A)	59
MGO (LB/A)	5

Agronomic

LACKAWANNA

SAMPLES:

98**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.4		
ACIDITY (meq/100 g)	2.1		
P (ppm)*	102		
K (ppm)	95	K (% sat)	2.62
Mg (ppm)	142	Mg (% sat)	13.2
Ca (ppm)	1115	Ca (% sat)	60.8
CEC (meq/100 g)	9.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1512
N (LB/A)	47
P2O5 (LB/A)	18
K2O (LB/A)	143
MGO (LB/A)	17

LANCASTER

SAMPLES:

1216**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.8		
ACIDITY (meq/100 g)	0.9		
P (ppm)*	120		
K (ppm)	162	K (% sat)	4.62
Mg (ppm)	171	Mg (% sat)	16.5
Ca (ppm)	1273	Ca (% sat)	68.0
CEC (meq/100 g)	9.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	610
N (LB/A)	109
P2O5 (LB/A)	12
K2O (LB/A)	52
MGO (LB/A)	2

Agronomic

LAWRENCE

SAMPLES:

174**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.5		
ACIDITY (meq/100 g)	1.8		
P (ppm)*	35		
K (ppm)	98	K (% sat)	2.88
Mg (ppm)	83	Mg (% sat)	8.3
Ca (ppm)	1155	Ca (% sat)	67.9
CEC (meq/100 g)	8.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1690
N (LB/A)	45
P2O5 (LB/A)	64
K2O (LB/A)	116
MGO (LB/A)	20

LEBANON

SAMPLES:

433**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.4		
ACIDITY (meq/100 g)	2.0		
P (ppm)*	82		
K (ppm)	147	K (% sat)	4.20
Mg (ppm)	152	Mg (% sat)	13.5
Ca (ppm)	1339	Ca (% sat)	62.6
CEC (meq/100 g)	9.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1526
N (LB/A)	84
P2O5 (LB/A)	34
K2O (LB/A)	64
MGO (LB/A)	6

Agronomic

LEHIGH# SAMPLES: **89**

SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
PH	6.3		
ACIDITY (meq/100 g)	2.3		
P (ppm)*	76		
K (ppm)	161	K (% sat)	4.43
Mg (ppm)	166	Mg (% sat)	15.1
Ca (ppm)	1007	Ca (% sat)	54.6
CEC (meq/100 g)	9.1		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (LB/A)	1991
N (LB/A)	62
P2O5 (LB/A)	24
K2O (LB/A)	49
MGO (LB/A)	2

LUZERNE# SAMPLES: **97**

SOIL TEST RESULTS			
RESULT	AVERAGE	RESULT	AVERAGE
PH	6.0		
ACIDITY (meq/100 g)	3.2		
P (ppm)*	81		
K (ppm)	135	K (% sat)	2.94
Mg (ppm)	120	Mg (% sat)	9.9
Ca (ppm)	1053	Ca (% sat)	51.0
CEC (meq/100 g)	9.4		

SOIL TEST RECOMMENDATIONS	
RECOMMENDATION	AVERAGE
LIME (LB/A)	2788
N (LB/A)	64
P2O5 (LB/A)	24
K2O (LB/A)	101
MGO (LB/A)	14

Agronomic

LYCOMING

SAMPLES:

403**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.2		
ACIDITY (meq/100 g)	2.6		
P (ppm)*	60		
K (ppm)	107	K (% sat)	3.10
Mg (ppm)	106	Mg (% sat)	10.2
Ca (ppm)	1050	Ca (% sat)	57.4
CEC (meq/100 g)	9.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2214
N (LB/A)	63
P2O5 (LB/A)	43
K2O (LB/A)	77
MGO (LB/A)	17

MCKEAN

SAMPLES:

50**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	5.7		
ACIDITY (meq/100 g)	4.9		
P (ppm)*	25		
K (ppm)	81	K (% sat)	1.81
Mg (ppm)	81	Mg (% sat)	6.2
Ca (ppm)	1101	Ca (% sat)	49.7
CEC (meq/100 g)	11.2		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	4760
N (LB/A)	34
P2O5 (LB/A)	103
K2O (LB/A)	190
MGO (LB/A)	68

Agronomic

MERCER

SAMPLES:

588**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.2		
ACIDITY (meq/100 g)	2.5		
P (ppm)*	40		
K (ppm)	94	K (% sat)	2.84
Mg (ppm)	118	Mg (% sat)	11.5
Ca (ppm)	971	Ca (% sat)	56.5
CEC (meq/100 g)	8.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2044
N (LB/A)	93
P2O5 (LB/A)	53
K2O (LB/A)	79
MGO (LB/A)	10

MIFFLIN

SAMPLES:

134**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.6		
ACIDITY (meq/100 g)	1.4		
P (ppm)*	70		
K (ppm)	153	K (% sat)	4.38
Mg (ppm)	134	Mg (% sat)	12.9
Ca (ppm)	1187	Ca (% sat)	65.7
CEC (meq/100 g)	8.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1191
N (LB/A)	62
P2O5 (LB/A)	27
K2O (LB/A)	48
MGO (LB/A)	8

Agronomic

MONROE

SAMPLES:

24

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.1		
ACIDITY (meq/100 g)	3.5		
P (ppm)*	59		
K (ppm)	84	K (% sat)	2.62
Mg (ppm)	114	Mg (% sat)	11.5
Ca (ppm)	801	Ca (% sat)	48.8
CEC (meq/100 g)	8.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	3117
N (LB/A)	41
P2O5 (LB/A)	27
K2O (LB/A)	105
MGO (LB/A)	25

MONTGOMERY

SAMPLES:

180

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.2		
ACIDITY (meq/100 g)	2.2		
P (ppm)*	107		
K (ppm)	99	K (% sat)	2.45
Mg (ppm)	211	Mg (% sat)	17.5
Ca (ppm)	1162	Ca (% sat)	55.5
CEC (meq/100 g)	10.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1691
N (LB/A)	77
P2O5 (LB/A)	34
K2O (LB/A)	78
MGO (LB/A)	0

Agronomic

MONTOUR

SAMPLES:

196

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.2		
ACIDITY (meq/100 g)	2.3		
P (ppm)*	47		
K (ppm)	92	K (% sat)	2.60
Mg (ppm)	114	Mg (% sat)	10.2
Ca (ppm)	1303	Ca (% sat)	60.4
CEC (meq/100 g)	9.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1758
N (LB/A)	102
P2O5 (LB/A)	85
K2O (LB/A)	93
MGO (LB/A)	7

NORTHAMPTON

SAMPLES:

238

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.3		
ACIDITY (meq/100 g)	2.3		
P (ppm)*	77		
K (ppm)	117	K (% sat)	3.24
Mg (ppm)	131	Mg (% sat)	12.5
Ca (ppm)	1229	Ca (% sat)	55.6
CEC (meq/100 g)	9.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1932
N (LB/A)	86
P2O5 (LB/A)	27
K2O (LB/A)	53
MGO (LB/A)	11

Agronomic

NORTHUMBERLAND

SAMPLES:

971

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.3		
ACIDITY (meq/100 g)	1.9		
P (ppm)*	86		
K (ppm)	125	K (% sat)	3.88
Mg (ppm)	95	Mg (% sat)	9.9
Ca (ppm)	1019	Ca (% sat)	62.2
CEC (meq/100 g)	8.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1469
N (LB/A)	80
P2O5 (LB/A)	21
K2O (LB/A)	36
MGO (LB/A)	7

PERRY

SAMPLES:

839

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.6		
ACIDITY (meq/100 g)	1.4		
P (ppm)*	59		
K (ppm)	128	K (% sat)	4.04
Mg (ppm)	134	Mg (% sat)	13.4
Ca (ppm)	1186	Ca (% sat)	65.5
CEC (meq/100 g)	8.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1024
N (LB/A)	75
P2O5 (LB/A)	37
K2O (LB/A)	69
MGO (LB/A)	6

Agronomic

PHILADELPHIA

SAMPLES: 1

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	5.5		
ACIDITY (meq/100 g)	7.8		
P (ppm)*	30		
K (ppm)	203	K (% sat)	3.10
Mg (ppm)	228	Mg (% sat)	11.4
Ca (ppm)	1260	Ca (% sat)	37.8
CEC (meq/100 g)	16.5		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	6500
N (LB/A)	0
P2O5 (LB/A)	50
K2O (LB/A)	0
MGO (LB/A)	0

PIKE

SAMPLES: 39

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.2		
ACIDITY (meq/100 g)	2.7		
P (ppm)*	105		
K (ppm)	70	K (% sat)	2.35
Mg (ppm)	88	Mg (% sat)	10.3
Ca (ppm)	1121	Ca (% sat)	52.1
CEC (meq/100 g)	8.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2003
N (LB/A)	99
P2O5 (LB/A)	17
K2O (LB/A)	101
MGO (LB/A)	40

Agronomic

POTTER

SAMPLES:

166

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.2		
ACIDITY (meq/100 g)	2.9		
P (ppm)*	50		
K (ppm)	117	K (% sat)	3.26
Mg (ppm)	144	Mg (% sat)	13.2
Ca (ppm)	972	Ca (% sat)	53.0
CEC (meq/100 g)	9.3		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2396
N (LB/A)	94
P2O5 (LB/A)	55
K2O (LB/A)	97
MGO (LB/A)	12

SCHUYLKILL

SAMPLES:

382

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.3		
ACIDITY (meq/100 g)	2.3		
P (ppm)*	110		
K (ppm)	121	K (% sat)	3.62
Mg (ppm)	129	Mg (% sat)	13.1
Ca (ppm)	964	Ca (% sat)	56.3
CEC (meq/100 g)	8.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2031
N (LB/A)	74
P2O5 (LB/A)	12
K2O (LB/A)	43
MGO (LB/A)	5

Agronomic

SNYDER

SAMPLES:

336

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.4		
ACIDITY (meq/100 g)	1.7		
P (ppm)*	59		
K (ppm)	124	K (% sat)	3.55
Mg (ppm)	104	Mg (% sat)	9.5
Ca (ppm)	1225	Ca (% sat)	66.5
CEC (meq/100 g)	9.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1254
N (LB/A)	72
P2O5 (LB/A)	36
K2O (LB/A)	53
MGO (LB/A)	17

SOMERSET

SAMPLES:

277

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.0		
ACIDITY (meq/100 g)	3.2		
P (ppm)*	44		
K (ppm)	123	K (% sat)	2.92
Mg (ppm)	125	Mg (% sat)	9.3
Ca (ppm)	1418	Ca (% sat)	58.0
CEC (meq/100 g)	11.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2882
N (LB/A)	60
P2O5 (LB/A)	69
K2O (LB/A)	104
MGO (LB/A)	27

Agronomic

SULLIVAN

SAMPLES:

67**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	5.6		
ACIDITY (meq/100 g)	5.0		
P (ppm)*	45		
K (ppm)	96	K (% sat)	2.20
Mg (ppm)	111	Mg (% sat)	8.7
Ca (ppm)	963	Ca (% sat)	42.5
CEC (meq/100 g)	10.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	4427
N (LB/A)	68
P2O5 (LB/A)	34
K2O (LB/A)	77
MGO (LB/A)	12

SUSQUEHANNA

SAMPLES:

499**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.0		
ACIDITY (meq/100 g)	2.9		
P (ppm)*	66		
K (ppm)	103	K (% sat)	2.96
Mg (ppm)	148	Mg (% sat)	14.1
Ca (ppm)	873	Ca (% sat)	49.7
CEC (meq/100 g)	8.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2228
N (LB/A)	88
P2O5 (LB/A)	38
K2O (LB/A)	135
MGO (LB/A)	20

Agronomic

TIOGA

SOIL TEST RESULTS		# SAMPLES: 424	
RESULT	AVERAGE	RESULT	AVERAGE
PH	6.1		
ACIDITY (meq/100 g)	3.1		
P (ppm)*	43		
K (ppm)	111	K (% sat)	2.80
Mg (ppm)	146	Mg (% sat)	12.7
Ca (ppm)	1235	Ca (% sat)	53.7
CEC (meq/100 g)	9.8		
SOIL TEST RECOMMENDATIONS		AVERAGE	
RECOMMENDATION			
LIME (LB/A)		2559	
N (LB/A)		72	
P2O5 (LB/A)		59	
K2O (LB/A)		121	
MGO (LB/A)		14	

UNION

SOIL TEST RESULTS		# SAMPLES: 508	
RESULT	AVERAGE	RESULT	AVERAGE
PH	6.4		
ACIDITY (meq/100 g)	1.8		
P (ppm)*	59		
K (ppm)	118	K (% sat)	3.60
Mg (ppm)	104	Mg (% sat)	10.4
Ca (ppm)	1063	Ca (% sat)	63.2
CEC (meq/100 g)	8.3		
SOIL TEST RECOMMENDATIONS		AVERAGE	
RECOMMENDATION			
LIME (LB/A)		1289	
N (LB/A)		79	
P2O5 (LB/A)		32	
K2O (LB/A)		47	
MGO (LB/A)		3	

*Note: Maximum laboratory measurement of 750 ppm P in soil. Average P value does not reflect samples that may have exceeded 750 ppm P.

Agronomic

VENANGO

SAMPLES:

126**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.3		
ACIDITY (meq/100 g)	2.5		
P (ppm)*	41		
K (ppm)	93	K (% sat)	2.60
Mg (ppm)	112	Mg (% sat)	10.6
Ca (ppm)	1040	Ca (% sat)	59.2
CEC (meq/100 g)	8.8		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2073
N (LB/A)	84
P2O5 (LB/A)	57
K2O (LB/A)	99
MGO (LB/A)	23

WARREN

SAMPLES:

125**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.0		
ACIDITY (meq/100 g)	3.5		
P (ppm)*	52		
K (ppm)	106	K (% sat)	2.73
Mg (ppm)	131	Mg (% sat)	11.2
Ca (ppm)	968	Ca (% sat)	50.1
CEC (meq/100 g)	9.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	3583
N (LB/A)	59
P2O5 (LB/A)	52
K2O (LB/A)	114
MGO (LB/A)	14

Agronomic

WASHINGTON# SAMPLES: **421****SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.0		
ACIDITY (meq/100 g)	2.9		
P (ppm)*	32		
K (ppm)	93	K (% sat)	2.32
Mg (ppm)	155	Mg (% sat)	12.8
Ca (ppm)	1141	Ca (% sat)	55.9
CEC (meq/100 g)	10.1		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2601
N (LB/A)	48
P2O5 (LB/A)	83
K2O (LB/A)	142
MGO (LB/A)	19

WAYNE# SAMPLES: **144****SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.0		
ACIDITY (meq/100 g)	3.6		
P (ppm)*	80		
K (ppm)	98	K (% sat)	2.45
Mg (ppm)	146	Mg (% sat)	12.3
Ca (ppm)	993	Ca (% sat)	49.3
CEC (meq/100 g)	9.9		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	3026
N (LB/A)	71
P2O5 (LB/A)	34
K2O (LB/A)	175
MGO (LB/A)	42

Agronomic

WESTMORELAND

SAMPLES:

363**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.3		
ACIDITY (meq/100 g)	2.5		
P (ppm)*	51		
K (ppm)	126	K (% sat)	2.76
Mg (ppm)	167	Mg (% sat)	11.9
Ca (ppm)	1543	Ca (% sat)	62.1
CEC (meq/100 g)	11.4		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2012
N (LB/A)	68
P2O5 (LB/A)	66
K2O (LB/A)	110
MGO (LB/A)	17

WYOMING

SAMPLES:

314**SOIL TEST RESULTS**

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.1		
ACIDITY (meq/100 g)	2.5		
P (ppm)*	93		
K (ppm)	102	K (% sat)	3.17
Mg (ppm)	141	Mg (% sat)	14.4
Ca (ppm)	805	Ca (% sat)	49.5
CEC (meq/100 g)	8.0		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	2053
N (LB/A)	90
P2O5 (LB/A)	18
K2O (LB/A)	102
MGO (LB/A)	11

Agronomic

YORK

SAMPLES:

993

SOIL TEST RESULTS

RESULT	AVERAGE	RESULT	AVERAGE
PH	6.4		
ACIDITY (meq/100 g)	1.8		
P (ppm)*	71		
K (ppm)	114	K (% sat)	3.75
Mg (ppm)	125	Mg (% sat)	13.8
Ca (ppm)	911	Ca (% sat)	58.2
CEC (meq/100 g)	7.7		

SOIL TEST RECOMMENDATIONS

RECOMMENDATION	AVERAGE
LIME (LB/A)	1304
N (LB/A)	77
P2O5 (LB/A)	29
K2O (LB/A)	45
MGO (LB/A)	3