of Samples 7,640				
	SOIL TEST	RESULTS —		
RESULT	AVERAGE	RESULT	AVERAGE	
рН	6.5			
Acidity (meq/100 g)	2.5			
P (ppm)	65			
K (ppm)	147	K (% Sat)	2.9	
Mg (ppm)	196	Mg (% Sat)	13.0	
Ca (ppm)	1,682	Ca (% Sat)	62.8	
CEC	12.6			
	SOIL TEST REC	COMMENDATIONS ——		
RECOMMENDATION	AVERAGE			
LIME (lb/A)	0			
N (lb/A)				
P2O5 (LB/A)	3			

2

25

K20 (LB/A)

MGO (LB/a)

COUNTY:	Adams		# of	Samples	45
		SOIL TEST	RESULTS		
RESU	LT	AVERAGE	RESULT	AVERAGE	
ı	ρΗ	6.6			
	Acidity (meq/100 g)	2.1			
F	P (ppm)	60			
ŀ	K (ppm)	185	K (% Sat)	3.2	
ľ	Mg (ppm)	223	Mg (% Sat)	3.3	
(Ca (ppm)	1,843	Ca (% Sat)	65.6	
(CEC	13.1			
		SOIL TEST REC	OMMENDATIONS —		
RECOM	MENDATION	AVERAGE			
L	LIME (Ib/A)	0			
1	N (lb/A)				
F	P2O5 (LB/A)	3			
ŀ	K20 (LB/A)	3			
r	MGO (LB/a)	23			
COUNTY:	Allegheny	2011 7527		Samples	284
RESU	ПТ	AVERAGE	RESULTS RESULT	AVERAGE	
	оН	6.5	REGOLI	AVERAGE	
_	Acidity (meq/100 g)	2.5			
		73			
	P (ppm)	140	K (% Sat)	2.3	
	K (ppm) Ng (ppm)	228	Mg (% Sat)	2.3 6.5	
	ong (ppm) Ca (ppm)	2,428	Ca (% Sat)	68.6	
	CEC	15.7	ou (70 out)	00.0	
			OMMENDATIONS ——		
RECOM	MENDATION	AVERAGE			
	LIME (Ib/A)	0			
	N (lb/A)	U			
	P2O5 (LB/A)	3			
	<20 (LB/A)	2			
	MGO (LB/a)	26			
		2.0			

COUNTY:	Armstrong			Samples	14
		SOIL TEST			
RESUL1		AVERAGE	RESULT	AVERAGE	
pН		6.4			
Ac	idity (meq/100 g)	2.8			
Р(ppm)	68			
K ((ppm)	154	K (% Sat)	2.9	
Mg	y (ppm)	184	Mg (% Sat)	3.4	
Са	(ppm)	1,990	Ca (% Sat)	63.4	
CE	EC .	13.7			
		SOIL TEST REC	OMMENDATIONS —		
RECOMME	ENDATION	AVERAGE			
LIN	ME (Ib/A)	0			
N ((lb/A)				
P2	O5 (LB/A)	5			
K2	0 (LB/A)	2			
Ma	SO (I B/s)	5.4			
Wic	GO (LB/a)	54			
COUNTY:	Beaver			Samples	41
COUNTY:	Beaver	SOIL TEST	RESULTS		41
COUNTY:	Beaver	SOIL TEST		Samples AVERAGE	41
COUNTY: RESULT pH	Beaver	SOIL TEST AVERAGE 6.4	RESULTS		41
COUNTY: RESULT pH Ac	Beaver	SOIL TEST AVERAGE 6.4 3.1	RESULTS		41
COUNTY: RESULT pH Ac	Beaver r idity (meq/100 g)	SOIL TEST AVERAGE 6.4 3.1 38	RESULTS RESULT	AVERAGE	41
RESULT pH Ac P(Beaver idity (meq/100 g) ppm) (ppm)	SOIL TEST AVERAGE 6.4 3.1 38 122	RESULTS RESULT K (% Sat)	AVERAGE 2.4	41
RESULT pH Ac P(K(Beaver idity (meq/100 g) ppm) (ppm) (ppm)	SOIL TEST AVERAGE 6.4 3.1 38 122 182	RESULTS RESULT K (% Sat) Mg (% Sat)	2.4 12.0	41
COUNTY: RESULT pH Ac P (K (Mg	Beaver idity (meq/100 g) ppm) ppm) ppm) ppm) ppm)	SOIL TEST AVERAGE 6.4 3.1 38 122 182 1,705	RESULTS RESULT K (% Sat)	AVERAGE 2.4	41
RESULT pH Ac P(K(Beaver idity (meq/100 g) ppm) ppm) ppm) ppm) ppm)	SOIL TEST AVERAGE 6.4 3.1 38 122 182 1,705 13.1	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.4 12.0	41
RESULT pH Ac P(K(Mg Ca	Beaver idity (meq/100 g) ppm) (ppm) (ppm) (ppm)	SOIL TEST AVERAGE 6.4 3.1 38 122 182 1,705 13.1 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat)	2.4 12.0	41
RESULT PH Ac P(K(Mg Ca CE	Beaver idity (meq/100 g) ppm) (ppm) (ppm) (ppm) C	SOIL TEST AVERAGE 6.4 3.1 38 122 182 1,705 13.1 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.4 12.0	41
RESULT PH Ac P(K(Mg Ca CE	Beaver I idity (meq/100 g) ppm) (ppm) (ppm) (ppm) (ppm) EC ENDATION ME (lb/A)	SOIL TEST AVERAGE 6.4 3.1 38 122 182 1,705 13.1 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.4 12.0	41
RESULT PH Ac P(K(Mg Ca CE RECOMME	Beaver idity (meq/100 g) ppm) ppm) ppm) ppm) ppm) continuous	SOIL TEST AVERAGE 6.4 3.1 38 122 182 1,705 13.1 SOIL TEST REC AVERAGE 0	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.4 12.0	41
RESULT PH Ac P(K(Mg Ca CE RECOMME	Beaver I idity (meq/100 g) Ippm) Ip	SOIL TEST AVERAGE 6.4 3.1 38 122 182 1,705 13.1 SOIL TEST REC AVERAGE 0 4	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.4 12.0	41
RESULT PH Ac P(K(Mg Ca CE RECOMME LIM N(P2 K2	Beaver idity (meq/100 g) ppm) ppm) ppm) ppm) ppm) continuous	SOIL TEST AVERAGE 6.4 3.1 38 122 182 1,705 13.1 SOIL TEST REC AVERAGE 0	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.4 12.0	41

COUNTY:	Bedford		# of	Samples	12
		SOIL TEST	RESULTS		
RESUL	.Т	AVERAGE	RESULT	AVERAGE	
pl	Н	6.6			
A	cidity (meq/100 g)	1.7			
Р	(ppm)	34			
K	(ppm)	123	K (% Sat)	3.0	
М	g (ppm)	162	Mg (% Sat)	10.7	
С	a (ppm)	1,691	Ca (% Sat)	68.6	
С	EC	11.7			
		SOIL TEST REC	OMMENDATIONS —		
RECOMM	IENDATION	AVERAGE			
LI	IME (Ib/A)	0			
N	(lb/A)				
P	2O5 (LB/A)	4			
K	20 (LB/A)	3			
М	GO (LB/a)	65			
COUNTY:	Berks	0011 7507		Samples	226
RESUL	т	AVERAGE	RESULTS RESULT	AVERAGE	
pl		6.4	KLOOLI	AVENAGE	
-					
	cidity (meq/100 g)	2.5			
	(ppm)	64	V (0/ C-4)	2.0	
	(ppm)	163	K (% Sat)	2.9	
	g (ppm)	217	Mg (% Sat) Ca (% Sat)	7.3 62.2	
	a (ppm) EC	1,738 13.0	Ca (% Sai)	02.2	
J			OMMENDATIONS		
DECOMA	IENDATION		OMMENDATIONS ——		
		AVERAGE			
	IME (Ib/A)	0			
	(lb/A)	_			
	205 (LB/A)	3			
K	20 (LB/A)	2			
	GO (LB/a)	14			

OUNTY:	Blair		# of	Samples	55
			RESULTS		
RESULT		AVERAGE	RESULT	AVERAGE	
рН		6.7			
Acidi	ty (meq/100 g)	1.8			
Р (рр	m)	77			
К (рр	om)	148	K (% Sat)	2.6	
Mg (p	opm)	219	Mg (% Sat)	9.3	
Ca (p	pm)	2,290	Ca (% Sat)	70.5	
CEC		14.4			
		SOIL TEST REC	OMMENDATIONS		
RECOMMEN	DATION	AVERAGE			
LIME	(lb/A)	0			
N (lb/	(A)				
P2O5	(LB/A)	3			
K20 (LB/A)	2			
MGO	(LB/a)	32			
	Bradford			Samples	29
OUNTY:		SOIL TEST	RESULTS		29
OUNTY:		SOIL TEST		Samples AVERAGE	29
COUNTY: RESULT pH	Bradford	SOIL TEST AVERAGE 5.9	RESULTS		29
COUNTY: RESULT pH		SOIL TEST	RESULTS		29
COUNTY: RESULT pH	Bradford ty (meq/100 g)	SOIL TEST AVERAGE 5.9	RESULTS		29
RESULT pH Acidit P (pp K (pp	Bradford ty (meq/100 g) m)	SOIL TEST AVERAGE 5.9 6.0 14 86	RESULTS RESULT K (% Sat)	AVERAGE 2.0	29
RESULT pH Acidit P (pp K (pp	ty (meq/100 g) m) m) ppm)	SOIL TEST AVERAGE 5.9 6.0 14 86 72	RESULTS RESULT K (% Sat) Mg (% Sat)	2.0 1.9	29
RESULT pH Acidit P (pp K (pp Mg (p Ca (p	ty (meq/100 g) m) m) ppm)	SOIL TEST AVERAGE 5.9 6.0 14 86 72 1,076	RESULTS RESULT K (% Sat)	AVERAGE 2.0	29
RESULT pH Acidit P (pp K (pp	ty (meq/100 g) m) m) ppm)	SOIL TEST AVERAGE 5.9 6.0 14 86 72	RESULTS RESULT K (% Sat) Mg (% Sat)	2.0 1.9	29
RESULT pH Acidit P (pp K (pp Mg (p Ca (p	ty (meq/100 g) m) m) ppm)	SOIL TEST AVERAGE 5.9 6.0 14 86 72 1,076 12.0	RESULTS RESULT K (% Sat) Mg (% Sat)	2.0 1.9	29
RESULT pH Acidit P (pp K (pp Mg (p Ca (p	ty (meq/100 g) m) pm) ppm)	SOIL TEST AVERAGE 5.9 6.0 14 86 72 1,076 12.0	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.0 1.9	29
RESULT pH Acidit P (pp K (pp Mg (p Ca (p CEC	ty (meq/100 g) m) pm) ppm)	SOIL TEST AVERAGE 5.9 6.0 14 86 72 1,076 12.0 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.0 1.9	29
RESULT pH Acidit P (pp K (pp Mg (p Ca (p CEC	ty (meq/100 g) m) pm) pm) DATION (Ib/A)	SOIL TEST AVERAGE 5.9 6.0 14 86 72 1,076 12.0 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.0 1.9	29
RESULT pH Acidit P (pp K (pp Mg (p Ca (p CEC RECOMMENT LIME N (Ib/	ty (meq/100 g) m) pm) pm) DATION (Ib/A)	SOIL TEST AVERAGE 5.9 6.0 14 86 72 1,076 12.0 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.0 1.9	29
RESULT pH Acidit P (pp K (pp Mg (p Ca (p CEC RECOMMENT LIME N (Ib/	ty (meq/100 g) m) pm) pm) DATION (Ib/A) (A)	SOIL TEST AVERAGE 5.9 6.0 14 86 72 1,076 12.0 SOIL TEST REC AVERAGE 0	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.0 1.9	29

COUNTY:	Bucks		# of	Samples	166
		SOIL TEST	RESULTS		
RESUL	Т	AVERAGE	RESULT	AVERAGE	
рН	1	6.1			
Ac	cidity (meq/100 g)	3.7			
P	(ppm)	71			
K	(ppm)	134	K (% Sat)	2.9	
Mg	g (ppm)	186	Mg (% Sat)	10.0	
Ca	a (ppm)	1,236	Ca (% Sat)	51.0	
CE	≣C	11.7			
		SOIL TEST REC	OMMENDATIONS —		
RECOMM	ENDATION	AVERAGE			
LII	ME (lb/A)	0			
N	(lb/A)				
P2	2O5 (LB/A)	3			
K2	20 (LB/A)	3			
M	GO (LB/a)	24			
COUNTY:	Butler			Samples	100
RESUL	т	AVERAGE	RESULTS	AVERAGE	
pl-		6.3	RESOLI	AVENAGE	
-		3.2			
	cidity (meq/100 g)				
	(ppm)	39	V (0/ C-4)	2.4	
	(ppm)	121	K (% Sat)	2.4	
	g (ppm)	151 1,703	Mg (% Sat) Ca (% Sat)	8.0 61.7	
	a (ppm) EC	13.1	Ca (% Sal)	01.7	
O.			OMMENDATIONS —		
DECOMA	ENDATION	AVERAGE	OMINEMPATIONS ——		
	ME (lb/A)	0			
	(lb/A)				
	OF (LD/A)				
	2O5 (LB/A)	4			
K2	2O5 (LB/A) 20 (LB/A) GO (LB/a)	4 2 47			

COUNTY: Cambria		# of	Samples	45
	SOIL TEST	RESULTS		
RESULT	AVERAGE	RESULT	AVERAGE	
рН	6.5			
Acidity (meq/100 g)	2.9			
P (ppm)	29			
K (ppm)	98	K (% Sat)	1.8	
Mg (ppm)	229	Mg (% Sat)	6.5	
Ca (ppm)	1,846	Ca (% Sat)	62.5	
CEC	13.9			
	SOIL TEST REC	COMMENDATIONS ——		
RECOMMENDATION	AVERAGE			
LIME (Ib/A)	0			
N (lb/A)				
P2O5 (LB/A)	3			
K20 (LB/A)	3			
MGO (LB/a)	6			
COUNTY: Cameron	SOU TEST	# of	Samples	5
RESULT	AVERAGE	RESULT	AVERAGE	
рН	5.6			
Acidity (meq/100 g)	5.0			
P (ppm)	41			
K (ppm)	73	K (% Sat)	1.7	
Mg (ppm)	136	Mg (% Sat)	5.1	
Ca (ppm)	845	Ca (% Sat)	36.0	
CEC	10.5			
	SOIL TEST REC	COMMENDATIONS ——		
RECOMMENDATION	AVERAGE			
LIME (lb/A)	0			
N (lb/A)				
P2O5 (LB/A)	7			
•				
K20 (LB/A)	4			
K20 (LB/A) MGO (LB/a)	4 28			

COUNTY:	Carbon		# of	Samples	12
		SOIL TEST	RESULTS -		
RESUL1	Г	AVERAGE	RESULT	AVERAGE	
рН		6.7			
Ac	idity (meq/100 g)	2.3			
Р (ppm)	92			
K ((ppm)	159	K (% Sat)	2.6	
Mg	ı (ppm)	203	Mg (% Sat)	7.8	
Ca	(ppm)	2,401	Ca (% Sat)	71.4	
CE	:C	15.1			
		SOIL TEST REC	OMMENDATIONS —		
RECOMME	ENDATION	AVERAGE			
LIN	ME (Ib/A)	0			
N ((lb/A)				
P2	O5 (LB/A)	1			
K2	0 (LB/A)	2			
MG	GO (LB/a)	6			
COUNTY:	Centre			Samples	148
RESULT	.	AVERAGE	RESULTS RESULT	AVERAGE	
pH		6.7	KLOOLI	AVENAGE	
-					
	idity (meq/100 g)	1.8			
	ppm)	60	IC (0/ O-4)	2.0	
	(ppm)	152	K (% Sat)	3.0	
	(ppm)	227	Mg (% Sat) Ca (% Sat)	9.9 66.4	
CE	(ppm)	1,932 12.9	Ca (% Sai)	00.4	
OL.			COMMENDATIONS		
DECOMA	ENDATION		OMMENDATIONS ——		
	ENDATION	AVERAGE			
	//E //b/A\				
	ME (lb/A)	0			
N ((lb/A)				
N (P2	(lb/A) O5 (LB/A)	3			
N (P2 K2	(lb/A)				

COUNTY:	Chester		# of	Samples	195
		SOIL TEST	RESULTS		
RESUL	.т	AVERAGE	RESULT	AVERAGE	
pl	Н	6.6			
A	cidity (meq/100 g)	2.2			
Р	(ppm)	63			
K	(ppm)	183	K (% Sat)	3.8	
М	g (ppm)	213	Mg (% Sat)	6.1	
C	a (ppm)	1,629	Ca (% Sat)	61.4	
C	EC	12.1			
-		SOIL TEST REC	OMMENDATIONS		
RECOMM	IENDATION	AVERAGE			
LI	ME (lb/A)	0			
N	(lb/A)				
P	2O5 (LB/A)	3			
K	20 (LB/A)	2			
M	GO (LB/a)	31			
COUNTY:	Clarion			Samples	16
RESUL	т	AVERAGE	RESULTS	AVERAGE	
pl		6.4	RESOLI	AVENAGE	
-					
	cidity (meq/100 g)	2.9			
	(ppm)	85	V (0/ 0-4)	2.2	
	(ppm)	112	K (% Sat)	2.2	
	g (ppm)	182 1,700	Mg (% Sat) Ca (% Sat)	4.8 64.6	
	a (ppm) EC	13.2	Ga (% 3al)	04.0	
O.			OMMENDATIONS —		
DECOMA	IENDATION		OMINENDATIONS ——		
	IENDATION	AVERAGE			
	ME (lb/A)	0			
	(lb/A)				
	2O5 (LB/A)	1			
N.					
	20 (LB/A) GO (LB/a)	3 18			

COUNTY: Clearfield	d	# of	Samples	47
	SOIL TEST			
RESULT	AVERAGE	RESULT	AVERAGE	
рН	6.3			
Acidity (meq/100	g) 3.5			
P (ppm)	70			
K (ppm)	154	K (% Sat)	2.7	
Mg (ppm)	233	Mg (% Sat)	2.4	
Ca (ppm)	1,762	Ca (% Sat)	58.4	
CEC	14.6			
	SOIL TEST REC	OMMENDATIONS —		
RECOMMENDATION	AVERAGE			
LIME (Ib/A)	0			
N (lb/A)				
P2O5 (LB/A)	3			
K20 (LB/A)	2			
MGO (LB/a)	19			
COUNTY: Clinton	SOII TEST		Samples	12
	SOIL TEST	RESULTS		12
RESULT	AVERAGE		Samples AVERAGE	12
RESULT pH	AVERAGE 6.8	RESULTS		12
RESULT pH Acidity (meq/100	AVERAGE 6.8 g) 1.7	RESULTS		12
RESULT pH Acidity (meq/100 P (ppm)	AVERAGE 6.8 9) 1.7 63	RESULTS RESULT	AVERAGE	12
RESULT pH Acidity (meq/100 P (ppm) K (ppm)	AVERAGE 6.8 g) 1.7 63 108	RESULTS RESULT K (% Sat)	AVERAGE 2.1	12
RESULT pH Acidity (meq/100 P (ppm) K (ppm) Mg (ppm)	AVERAGE 6.8 g) 1.7 63 108 144	RESULTS RESULT K (% Sat) Mg (% Sat)	2.1 10.2	12
RESULT pH Acidity (meq/100 P (ppm) K (ppm) Mg (ppm) Ca (ppm)	AVERAGE 6.8 g) 1.7 63 108 144 2,552	RESULTS RESULT K (% Sat)	AVERAGE 2.1	12
RESULT pH Acidity (meq/100 P (ppm) K (ppm) Mg (ppm)	AVERAGE 6.8 9) 1.7 63 108 144 2,552 13.6	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.1 10.2	12
RESULT pH Acidity (meq/100 P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC	AVERAGE 6.8 1.7 63 108 144 2,552 13.6 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat)	2.1 10.2	12
RESULT pH Acidity (meq/100 P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC	AVERAGE 6.8 1.7 63 108 144 2,552 13.6 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.1 10.2	12
RESULT pH Acidity (meq/100 P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC RECOMMENDATION LIME (Ib/A)	AVERAGE 6.8 1.7 63 108 144 2,552 13.6 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.1 10.2	12
RESULT pH Acidity (meq/100 P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC RECOMMENDATION LIME (lb/A) N (lb/A)	AVERAGE 6.8 9) 1.7 63 108 144 2,552 13.6 SOIL TEST REC AVERAGE	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.1 10.2	12
RESULT pH Acidity (meq/100 P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC RECOMMENDATION LIME (Ib/A) N (Ib/A) P2O5 (LB/A)	AVERAGE 6.8 1.7 63 108 144 2,552 13.6 SOIL TEST REC AVERAGE 0 5	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.1 10.2	12
RESULT pH Acidity (meq/100 P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC RECOMMENDATION LIME (lb/A) N (lb/A)	AVERAGE 6.8 9) 1.7 63 108 144 2,552 13.6 SOIL TEST REC AVERAGE	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.1 10.2	12

COUNTY:	Columbia		# of 9	Samples	18
		SOIL TEST	RESULTS -		
RESUL	т	AVERAGE	RESULT	AVERAGE	
рŀ	1	6.0			
Ad	cidity (meq/100 g)	4.0			
Р	(ppm)	109			
K	(ppm)	114	K (% Sat)	2.4	
M	g (ppm)	143	Mg (% Sat)	7.7	
Ca	a (ppm)	1,590	Ca (% Sat)	51.9	
CE	EC	12.3			
		SOIL TEST REC	OMMENDATIONS —		
RECOMM	ENDATION	AVERAGE			
LII	ME (lb/A)	0			
N	(lb/A)				
P2	2O5 (LB/A)	1			
K2	20 (LB/A)	3			
M	CO (I B/s)	60			
	GO (LB/a)	68			
	Crawford			Samples	15
COUNTY:	Crawford	SOIL TEST	RESULTS		15
COUNTY:	Crawford T	SOIL TEST		Samples AVERAGE	15
COUNTY: RESUL ph	Crawford T	SOIL TEST AVERAGE 6.5	RESULTS		15
COUNTY: RESUL pl	Crawford T I Cidity (meq/100 g)	SOIL TEST AVERAGE 6.5 3.3	RESULTS		15
COUNTY: RESUL pl Ac	Crawford T I cidity (meq/100 g) (ppm)	SOIL TEST AVERAGE 6.5 3.3 68	RESULTS RESULT	AVERAGE	15
COUNTY: RESUL ph Ac P K	Crawford T d cidity (meq/100 g) (ppm) (ppm)	SOIL TEST AVERAGE 6.5 3.3 68 121	RESULTS RESULT K (% Sat)	AVERAGE 2.7	15
RESUL ph Ac P K	Crawford T dicidity (meq/100 g) (ppm) (ppm) g (ppm)	SOIL TEST AVERAGE 6.5 3.3 68 121 187	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 2.7 12.5	15
COUNTY: RESUL pl Ac P K Mg	Crawford T dicidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm)	SOIL TEST AVERAGE 6.5 3.3 68 121 187 1,518	RESULTS RESULT K (% Sat)	AVERAGE 2.7	15
COUNTY: RESUL pl Ac P K Mg	Crawford T dicidity (meq/100 g) (ppm) (ppm) g (ppm)	SOIL TEST AVERAGE 6.5 3.3 68 121 187 1,518 12.7	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.7 12.5	15
COUNTY: RESUL ph Ac P K Mg Ca	Crawford T d cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC	SOIL TEST AVERAGE 6.5 3.3 68 121 187 1,518 12.7 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 2.7 12.5	15
RESUL PH Ac P K M Ca CE	Crawford T d cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC	SOIL TEST AVERAGE 6.5 3.3 68 121 187 1,518 12.7 SOIL TEST RECO	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.7 12.5	15
RESUL PH Ac P K M Ca CE RECOMM	Crawford T H Cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC ENDATION ME (lb/A)	SOIL TEST AVERAGE 6.5 3.3 68 121 187 1,518 12.7 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.7 12.5	15
RESUL PH Ac P K M C C RECOMM LII	Crawford T d cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC ENDATION ME (lb/A) (lb/A)	SOIL TEST AVERAGE 6.5 3.3 68 121 187 1,518 12.7 SOIL TEST REC AVERAGE	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.7 12.5	15
RESUL PH Ac P K M Ca CE RECOMM LIII N P2	Crawford T H cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC ENDATION ME (lb/A) (lb/A)	SOIL TEST AVERAGE 6.5 3.3 68 121 187 1,518 12.7 SOIL TEST REC AVERAGE 0 3	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.7 12.5	15
RESUL PH Ac P K M Ca CE RECOMM LII N P2 K2	Crawford T d cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC ENDATION ME (lb/A) (lb/A)	SOIL TEST AVERAGE 6.5 3.3 68 121 187 1,518 12.7 SOIL TEST REC AVERAGE	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.7 12.5	15

COUNTY:	Cumberland		# of	Samples	228
		SOIL TEST	RESULTS		
RESULT	•	AVERAGE	RESULT	AVERAGE	
рН		6.5			
Aci	dity (meq/100 g)	2.2			
P (ppm)	60			
K (ppm)	173	K (% Sat)	3.3	
Mg	(ppm)	178	Mg (% Sat)	9.4	
Ca	(ppm)	2,022	Ca (% Sat)	68.5	
CE	С	13.8			
		——— SOIL TEST REC	OMMENDATIONS —		
RECOMME	ENDATION	AVERAGE			
LIN	IE (Ib/A)	0			
N (lb/A)				
P20	O5 (LB/A)	2			
K20	0 (LB/A)	2			
MG	iO (LB/a)	50			
MG COUNTY:	Dauphin			Samples	363
COUNTY:	Dauphin	SOIL TEST	RESULTS		363
COUNTY:	Dauphin	SOIL TEST		Samples AVERAGE	363
COUNTY: RESULT	Dauphin	SOIL TEST AVERAGE 6.3	RESULTS		363
COUNTY: RESULT pH Aci	Dauphin dity (meq/100 g)	SOIL TEST AVERAGE 6.3 3.0	RESULTS		363
COUNTY: RESULT pH Aci P (Dauphin dity (meq/100 g)	SOIL TEST AVERAGE 6.3 3.0 62	RESULTS RESULT	AVERAGE	363
COUNTY: RESULT pH Aci P (I	Dauphin dity (meq/100 g) ppm) ppm)	SOIL TEST AVERAGE 6.3 3.0 62 171	RESULTS RESULT K (% Sat)	AVERAGE 3.1	363
RESULT pH Aci P(I) K(I)	Dauphin dity (meq/100 g) ppm) ppm) (ppm)	SOIL TEST AVERAGE 6.3 3.0 62 171 212	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 3.1 8.3	363
COUNTY: RESULT pH Aci P (I K (I) Mg Ca	Dauphin dity (meq/100 g) ppm) ppm) (ppm) (ppm)	SOIL TEST AVERAGE 6.3 3.0 62 171 212 1,811	RESULTS RESULT K (% Sat)	AVERAGE 3.1	363
RESULT pH Aci P(I) K(I)	Dauphin dity (meq/100 g) ppm) ppm) (ppm) (ppm)	SOIL TEST AVERAGE 6.3 3.0 62 171 212 1,811 14.1	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 3.1 8.3	363
RESULT pH Aci P (I K (I) Ca CE	Dauphin dity (meq/100 g) ppm) ppm) (ppm) (ppm)	SOIL TEST AVERAGE 6.3 3.0 62 171 212 1,811 14.1 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 3.1 8.3	363
RESULT pH Aci P (I K (I) Mg Ca CE	Dauphin dity (meq/100 g) ppm) ppm) (ppm) (ppm) C	SOIL TEST AVERAGE 6.3 3.0 62 171 212 1,811 14.1 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 3.1 8.3	363
RESULT pH Aci P(I) K(I) Mg Ca CE	Dauphin dity (meq/100 g) ppm) ppm) (ppm) (ppm) C ENDATION TE (Ib/A)	SOIL TEST AVERAGE 6.3 3.0 62 171 212 1,811 14.1 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 3.1 8.3	363
RESULT pH Aci P (I K (I Mg Ca CE RECOMME	Dauphin dity (meq/100 g) ppm) ppm) (ppm) (ppm) C ENDATION ME (Ib/A)	SOIL TEST AVERAGE 6.3 3.0 62 171 212 1,811 14.1 SOIL TEST REC AVERAGE 0	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 3.1 8.3	363
RESULT pH Aci P (I K (I Mg Ca CE RECOMME LIM N (I	Dauphin dity (meq/100 g) ppm) ppm) (ppm) (ppm) C ENDATION HE (lb/A) Hb/A) D5 (LB/A)	SOIL TEST AVERAGE 6.3 3.0 62 171 212 1,811 14.1 SOIL TEST REC AVERAGE 0	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 3.1 8.3	363
RESULT pH Aci P(I) K(I) Mg Ca CE RECOMME LIM N(I) P20 K20	Dauphin dity (meq/100 g) ppm) ppm) (ppm) (ppm) C ENDATION ME (Ib/A)	SOIL TEST AVERAGE 6.3 3.0 62 171 212 1,811 14.1 SOIL TEST REC AVERAGE 0	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 3.1 8.3	363

COUNTY:	Delaware		# of 3	Samples	733
		SOIL TEST	RESULTS		
RESUI	LT	AVERAGE	RESULT	AVERAGE	
р	Н	6.3			
A	cidity (meq/100 g)	3.2			
P	(ppm)	64			
K	(ppm)	154	K (% Sat)	3.2	
N	lg (ppm)	219	Mg (% Sat)	5.7	
С	a (ppm)	1,458	Ca (% Sat)	56.2	
C	EC	12.6			
		SOIL TEST REC	OMMENDATIONS		
RECOM	MENDATION	AVERAGE			
L	IME (Ib/A)	0			
N	(lb/A)				
Р	205 (LB/A)	2			
К	20 (LB/A)	2			
N	IGO (LB/a)	18			
OUNTY:	Elk			Samples	6
COUNTY:	Elk	SOIL TEST	RESULTS		6
COUNTY:	Elk _T	SOIL TEST		Samples AVERAGE	6
COUNTY: RESUI	Elk _T H	SOIL TEST AVERAGE 6.5	RESULTS		6
COUNTY: RESUI P	Elk LT H .cidity (meq/100 g)	SOIL TEST AVERAGE 6.5 2.6	RESULTS		6
COUNTY: RESUI P A	Elk LT H Incidity (meq/100 g)	SOIL TEST AVERAGE 6.5 2.6 19	RESULTS RESULT	AVERAGE	6
COUNTY: RESUI P A	Elk T H cidity (meq/100 g) (ppm)	SOIL TEST AVERAGE 6.5 2.6 19 82	RESULTS RESULT K (% Sat)	AVERAGE	6
RESUI P A P K	Elk T H cidity (meq/100 g) (ppm) (ppm)	SOIL TEST AVERAGE 6.5 2.6 19 82 150	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 1.5 5.7	6
COUNTY: RESUI P K N	Elk H cidity (meq/100 g) (ppm) (ppm) (ppm) (ppm)	SOIL TEST AVERAGE 6.5 2.6 19 82 150 1,958	RESULTS RESULT K (% Sat)	AVERAGE	6
COUNTY: RESUI P K N	Elk T H cidity (meq/100 g) (ppm) (ppm)	SOIL TEST AVERAGE 6.5 2.6 19 82 150 1,958 13.5	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 1.5 5.7	6
RESUI P A P K	Elk T H cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) a (ppm)	SOIL TEST AVERAGE 6.5 2.6 19 82 150 1,958 13.5 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 1.5 5.7	6
RESUI P A P K C C RECOMI	Elk T H cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) a (ppm)	SOIL TEST AVERAGE 6.5 2.6 19 82 150 1,958 13.5 SOIL TEST RECO	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 1.5 5.7	6
RESUI P A P K C C C RECOMM	Elk T H cidity (meq/100 g) (ppm) (p	SOIL TEST AVERAGE 6.5 2.6 19 82 150 1,958 13.5 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 1.5 5.7	6
RESUI P A P K C C C RECOMM	Elk T H cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) a (ppm)	SOIL TEST AVERAGE 6.5 2.6 19 82 150 1,958 13.5 SOIL TEST RECO	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 1.5 5.7	6
RESUI P A P K C C RECOMN	Elk LT H cidity (meq/100 g) (ppm) (ppm) (ppm) (a (ppm)	SOIL TEST AVERAGE 6.5 2.6 19 82 150 1,958 13.5 SOIL TEST RECO	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 1.5 5.7	6
RESUI P A P K C C C RECOMM	Elk T H scidity (meq/100 g) (ppm) (ppm) (g (ppm) (a (ppm) (se (pp	SOIL TEST AVERAGE 6.5 2.6 19 82 150 1,958 13.5 SOIL TEST REC AVERAGE	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 1.5 5.7	6

COUNTY: Erie		# of	Samples	32
	SOIL TEST	RESULTS		
RESULT	AVERAGE	RESULT	AVERAGE	
рН	6.6			
Acidity (meq/100 g)	2.5			
P (ppm)	68			
K (ppm)	95	K (% Sat)	2.0	
Mg (ppm)	188	Mg (% Sat)	12.7	
Ca (ppm)	1,833	Ca (% Sat)	65.1	
CEC	12.8			
	SOIL TEST REC	OMMENDATIONS —		
RECOMMENDATION	AVERAGE			
LIME (lb/A)	0			
N (lb/A)				
P2O5 (LB/A)	3			
K20 (LB/A)	3			
MGO (LB/a)	3			
COUNTY: Fayette	2011 7501		Samples	40
RESULT	AVERAGE	RESULTS	AVERAGE	
рН	6.3	REGOLI	AVERAGE	
Acidity (meq/100 g)	3.0			
	29			
P (ppm)	110	K (% Sat)	2.2	
K (ppm) Mg (ppm)	157	Mg (% Sat)	3.1	
Ca (ppm)	1,709	Ca (% Sat)	62.4	
CEC	13.0	ou (70 out)	02.4	
		OMMENDATIONS ——		
RECOMMENDATION	AVERAGE			
LIME (Ib/A)	0			
N (lb/A)	U			
P2O5 (LB/A)	5			
K20 (LB/A)	3			
MGO (LB/a)	34			
moo (LD/a)	34			

COUNTY:	Forest		# of	Samples	1
		SOIL TEST	RESULTS -		
RESUL	т	AVERAGE	RESULT	AVERAGE	
рŀ	Н	5.7			
Ad	cidity (meq/100 g)	6.3			
Р	(ppm)	26			
K	(ppm)	82	K (% Sat)	1.9	
M	g (ppm)	52	Mg (% Sat)	3.9	
Ca	a (ppm)	860	Ca (% Sat)	38.2	
CI	EC	11.2			
		SOIL TEST REC	OMMENDATIONS —		
RECOMM	IENDATION	AVERAGE			
LI	ME (lb/A)	0			
N	(lb/A)				
P2	2O5 (LB/A)	8			
K	20 (LB/A)	4			
M	GO (LB/a)	140			
COUNTY:	Franklin	2011 7523		Samples	96
RESUL	т	AVERAGE	RESULTS	AVERAGE	
pł		6.5	REGOLI	AVEITAGE	
-					
	cidity (meq/100 g)	2.5			
	(ppm)	77	IC (0/ O-4)	2.2	
	(ppm)	161 181	K (% Sat)	3.2	
	g (ppm) a (ppm)	1,773	Mg (% Sat) Ca (% Sat)	9.2 66.0	
	a (ppiii) EC	13.1	Ca (% Sat)	00.0	
O.			COMMENDATIONS		
DECOM	IENDATION		COMMENDATIONS ——		
	IENDATION	AVERAGE			
	ME (lb/A)	0			
	(lb/A)	_			
	2O5 (LB/A)	3			
	20 (LB/A)	2			
M	GO (LB/a)	41			

COUNTY:	FRANKLIN		# of 9	Samples	5
		SOIL TEST	RESULTS -		
RESUL	_T	AVERAGE	RESULT	AVERAGE	
р	Н	7.1			
Α	cidity (meq/100 g)	0.8			
Р	(ppm)	61			
K	(ppm)	220	K (% Sat)	3.9	
M	lg (ppm)	158	Mg (% Sat)	10.4	
С	a (ppm)	2,389	Ca (% Sat)	82.0	
С	EC	14.6			
		SOIL TEST REC	OMMENDATIONS —		
RECOMM	MENDATION	AVERAGE			
L	IME (Ib/A)	0			
N	(lb/A)				
Р	205 (LB/A)	1			
K	20 (LB/A)	2			
M	IGO (LB/a)	122			
M COUNTY:	Greene			Samples	6
COUNTY:	Greene	SOIL TEST	RESULTS		6
COUNTY:	Greene -T	SOIL TEST		Samples AVERAGE	6
COUNTY: RESUL	Greene -T H	SOIL TEST AVERAGE 6.0	RESULTS		6
COUNTY: RESUL P	Greene _T H cidity (meq/100 g)	SOIL TEST AVERAGE 6.0 3.9	RESULTS		6
COUNTY: RESUL P A	Greene T H cidity (meq/100 g) (ppm)	SOIL TEST AVERAGE 6.0 3.9 61	RESULTS RESULT	AVERAGE	6
COUNTY: RESUL P A P	Greene T H cidity (meq/100 g) (ppm)	SOIL TEST AVERAGE 6.0 3.9 61 153	RESULTS RESULT K (% Sat)	AVERAGE 2.6	6
RESUL P A P K	Greene T H cidity (meq/100 g) (ppm) (ppm)	SOIL TEST AVERAGE 6.0 3.9 61 153 181	RESULTS RESULT K (% Sat) Mg (% Sat)	2.6 13.5	6
COUNTY: RESUL P A P K M C	Greene T H cidity (meq/100 g) (ppm) (ppm) (ppm) lg (ppm) a (ppm)	SOIL TEST AVERAGE 6.0 3.9 61 153 181 2,092	RESULTS RESULT K (% Sat)	AVERAGE 2.6	6
COUNTY: RESUL P A P K M C	Greene T H cidity (meq/100 g) (ppm) (ppm)	SOIL TEST AVERAGE 6.0 3.9 61 153 181 2,092 15.4	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.6 13.5	6
RESUL P A P K M C	Greene T H cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC	SOIL TEST AVERAGE 6.0 3.9 61 153 181 2,092 15.4 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat)	2.6 13.5	6
RESUL P A P K C C C RECOMM	Greene T H cidity (meq/100 g) (ppm) (ppm) lg (ppm) la (ppm) EC	SOIL TEST AVERAGE 6.0 3.9 61 153 181 2,092 15.4 SOIL TEST RECO	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.6 13.5	6
RESUL P A P K C C C RECOMM	Greene T H cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC MENDATION IME (Ib/A)	SOIL TEST AVERAGE 6.0 3.9 61 153 181 2,092 15.4 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.6 13.5	6
RESUL P A P K M C C C RECOMN	Greene T H cidity (meq/100 g) (ppm) (ppm) lg (ppm) la (ppm) EC MENDATION IME (Ib/A) (Ib/A)	SOIL TEST AVERAGE 6.0 3.9 61 153 181 2,092 15.4 SOIL TEST REC AVERAGE	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.6 13.5	6
RESUL P A P K M C C RECOMM	Greene T H cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC MENDATION IME (Ib/A) (Ib/A) 205 (LB/A)	SOIL TEST AVERAGE 6.0 3.9 61 153 181 2,092 15.4 SOIL TEST REC AVERAGE 0	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.6 13.5	6
RESUL PARESUL	Greene T H cidity (meq/100 g) (ppm) (ppm) lg (ppm) la (ppm) EC MENDATION IME (Ib/A) (Ib/A)	SOIL TEST AVERAGE 6.0 3.9 61 153 181 2,092 15.4 SOIL TEST REC AVERAGE	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.6 13.5	6

SOIL TEST RESULTS	COUNTY: Hur	ntingdon			Samples	34
PH 6.5 Acidity (meq/100 g) 2.2 P (ppm) 62 K (ppm) 99 K (% Sat) 2.4 Mg (ppm) 135 Mg (% Sat) 6.9 Ca (ppm) 1,381 Ca (% Sat) 64.6 CEC 10.4						
Acidity (meq/100 g) P (ppm) 62 K (ppm) 99 K (% Sat) 2.4 Mg (ppm) 135 Mg (% Sat) 6.9 Ca (ppm) 1,381 Ca (% Sat) 64.6 CEC 10.4 SOIL TEST RECOMMENDATIONS AVERAGE LIME (Ib/A) N (Ib/A) P2OS (LB/A) AVERAGE RESULT AVERAGE PH Acidity (meq/100 g) ACIDITAL AVERAGE				RESULT	AVERAGE	
P (ppm) 62 K (ppm) 99 K (% Sat) 2.4 Mg (ppm) 135 Mg (% Sat) 6.9 Ca (ppm) 1,381 Ca (% Sat) 64.6 CEC 10.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (ib/A) 0 N (ib/A) P205 (LB/A) 3 MGO (LB/a) 33 RESULT AVERAGE RESULT AVERAGE pH 6.1 Acidity (meq/100 g) 4.1 P (ppm) 39 K (ppm) 118 K (% Sat) 2.4 Mg (ppm) 209 Mg (% Sat) 8.1 Ca (ppm) 1,614 Ca (% Sat) 54.5 CEC 13.3 RECOMMENDATION AVERAGE RECOMMENDATION AVERAGE LIME (ib/A) 0 N (ib/A) P205 (LB/A) 3 RECOMMENDATION AVERAGE LIME (ib/A) 0 N (ib/A) P205 (LB/A) 6 K20 (LB/A) 3	рН		6.5			
K (ppm) 99	Acidity (mo	eq/100 g)	2.2			
Mg (ppm) 135 Mg (% Sat) 6.9 Ca (ppm) 1.381 Ca (% Sat) 64.6 CEC 10.4	P (ppm)		62			
Ca (ppm) 1.381 Ca (% Sat) 64.6 CEC 10.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (ib/A) 0 N (ib/A) P205 (LB/A) 3 MGO (LB/a) 33 COUNTY: Indiana # of Samples 32 RESULT AVERAGE RESULT AVERAGE pH 6.1 Acidity (meq/100 g) 4.1 P (ppm) 39 K (ppm) 118 K (% Sat) 2.4 Mg (ppm) 209 Mg (% Sat) 8.1 Ca (ppm) 1.614 Ca (ppm) 1.614 Ca (ppm) 1.614 Ca (% Sat) 54.5 CEC 13.3 RECOMMENDATION AVERAGE LIME (ib/A) 0 N (ib/A) P205 (LB/A) 6 K20 (LB/A) 6 K20 (LB/A) 6 K20 (LB/A) 3	K (ppm)		99	K (% Sat)	2.4	
CEC 10.4 SOIL TEST RECOMMENDATIONS SOIL TEST RECOMMENDATIONS SOIL TEST RECOMMENDATIONS SOIL TEST RESULT AVERAGE SOIL TEST RESULT AVERAGE SOIL TEST RESULT AVERAGE RESULT AVERAGE ACIDITY SOIL TEST RECOMMENDATIONS AVERAGE A	Mg (ppm)		135	Mg (% Sat)	6.9	
SOIL TEST RECOMMENDATION	Ca (ppm)		1,381	Ca (% Sat)	64.6	
RECOMMENDATION AVERAGE	CEC		10.4			
LIME (Ib/A) N (Ib/A) P205 (LB/A) K20 (LB/A) MGO (LB/a) SOIL TEST RESULTS RESULT AVERAGE PH 6.1 Acidity (meq/100 g) 4.1 P (ppm) 39 K (ppm) 118 K (% Sat) Ca (ppm) 1,614 Ca (ppm) 1,614 Ca (% Sat) CEC 13.3 RECOMMENDATION AVERAGE LIME (Ib/A) N (Ib/A) P205 (LB/A) K20 (LB/A) A K20 (LB/A) A K20 (LB/A) A Ca (LB/A) A AVERAGE AVER			SOIL TEST REC	OMMENDATIONS —		
N (Ib/A) P205 (LB/A) 4 K20 (LB/A) 3 MGO (LB/a) 33 **OUNTY: Indiana ** of Samples 32 **SOIL TEST RESULTS ** RESULT AVERAGE RESULT AVERAGE pH 6.1 Acidity (meq/100 g) 4.1 P (ppm) 39 K (ppm) 118 K (% Sat) 2.4 Mg (ppm) 209 Mg (% Sat) 8.1 Ca (ppm) 1,614 Ca (% Sat) 54.5 CEC 13.3 **SOIL TEST RECOMMENDATIONS AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 6 K20 (LB/A) 6 K20 (LB/A) 3	RECOMMENDATION	ON	AVERAGE			
P205 (LB/A)	LIME (Ib/A)	0			
RESULT AVERAGE RESULT AVERAGE PH 6.1 Acidity (meq/100 g) 4.1 P (ppm) 39 R (ppm) 209 Mg (% Sat) 8.1 Ca (ppm) 1,614 Ca (% Sat) 54.5 CEC 13.3 SOIL TEST RECOMMENDATION AVERAGE RECOMMENDATION AVERAGE A	N (lb/A)					
MGO (LB/a) 33 # of Samples 32	P2O5 (LB/	A)	4			
# of Samples 32 SOIL TEST RESULTS	K20 (LB/A))	3			
# of Samples 32 SOIL TEST RESULTS	MGO (LB/a	a)	33			
RESULT AVERAGE RESULT AVERAGE pH 6.1 Acidity (meq/100 g) 4.1 P (ppm) 39 K (ppm) 118 K (% Sat) 2.4 Mg (ppm) 209 Mg (% Sat) 8.1 Ca (ppm) 1,614 Ca (% Sat) 54.5 CEC 13.3 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) 0 P2O5 (LB/A) 6 K20 (LB/A) 3	COUNTY: Indi	ana	SOII TEST		Samples	32
pH 6.1 Acidity (meq/100 g) 4.1 P (ppm) 39 K (ppm) 118 K (% Sat) 2.4 Mg (ppm) 209 Mg (% Sat) 8.1 Ca (ppm) 1,614 Ca (% Sat) 54.5 CEC 13.3 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P2O5 (LB/A) 6 K20 (LB/A) 3	RESULT				AVERAGE	
Acidity (meq/100 g) 4.1 P (ppm) 39 K (ppm) 118 K (% Sat) 2.4 Mg (ppm) 209 Mg (% Sat) 8.1 Ca (ppm) 1,614 Ca (% Sat) 54.5 CEC 13.3 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 6 K20 (LB/A) 3						
P (ppm) 39 K (ppm) 118 K (% Sat) 2.4 Mg (ppm) 209 Mg (% Sat) 8.1 Ca (ppm) 1,614 Ca (% Sat) 54.5 CEC 13.3 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 6 K20 (LB/A) 3	-	ea/100 a)				
K (ppm) 118 K (% Sat) 2.4 Mg (ppm) 209 Mg (% Sat) 8.1 Ca (ppm) 1,614 Ca (% Sat) 54.5 CEC 13.3 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 6 K20 (LB/A) 3		54. 100 g/				
Mg (ppm) 209 Mg (% Sat) 8.1 Ca (ppm) 1,614 Ca (% Sat) 54.5 CEC SOIL TEST RECOMMENDATIONS RECOMMENDATION LIME (Ib/A) 0 N (Ib/A) 0 P205 (LB/A) 6 K20 (LB/A) 3				K (% Sat)	24	
Ca (ppm) 1,614 Ca (% Sat) 54.5 CEC 13.3 SOIL TEST RECOMMENDATIONS RECOMMENDATIONS LIME (Ib/A) 0 N (Ib/A) 0 P205 (LB/A) 6 K20 (LB/A) 3						
SOIL TEST RECOMMENDATIONS						
SOIL TEST RECOMMENDATIONS				(///		
RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) 0 P2O5 (LB/A) 6 K20 (LB/A) 3				OMMENDATIONS		
LIME (Ib/A) 0 N (Ib/A) P2O5 (LB/A) 6 K20 (LB/A) 3	RECOMMENDATION	ON				
N (Ib/A) P2O5 (LB/A) 6 K20 (LB/A) 3						
P2O5 (LB/A) 6 K20 (LB/A) 3		,	U			
K20 (LB/A) 3		Δ)	4			
			33			

COUNTY:	Jefferson			Samples	7
		SOIL TEST			
RESUL		AVERAGE	RESULT	AVERAGE	
p⊦		5.9			
Ac	cidity (meq/100 g)	4.9			
P	(ppm)	67			
K	(ppm)	154	K (% Sat)	2.6	
Mç	g (ppm)	209	Mg (% Sat)	7.6	
Ca	a (ppm)	1,684	Ca (% Sat)	48.8	
CE	EC	14.6			
		SOIL TEST REC	OMMENDATIONS ——		
RECOMM	ENDATION	AVERAGE			
LI	ME (lb/A)	0			
N	(lb/A)				
P2	2O5 (LB/A)	8			
K2	20 (LB/A)	3			
M	GO (LB/a)	23			
COUNTY:	Juniata			Samples	15
	Juniata	SOIL TEST	RESULTS		15
RESUL	Juniata T	SOIL TEST		Samples AVERAGE	15
RESUL [*]	Juniata T	SOIL TEST AVERAGE 7.0	RESULTS		15
RESUL ph Ac	Juniata T H Cidity (meq/100 g)	SOIL TEST AVERAGE 7.0 1.3	RESULTS		15
pH Ad P (Juniata T I cidity (meq/100 g) (ppm)	SOIL TEST AVERAGE 7.0 1.3 76	RESULTS RESULT	AVERAGE	15
RESUL ph Ac P (Juniata T decidity (meq/100 g) (ppm) (ppm)	SOIL TEST AVERAGE 7.0 1.3 76 132	RESULTS RESULT K (% Sat)	AVERAGE 2.9	15
RESUL ph Ac P (K	Juniata T d cidity (meq/100 g) (ppm) (ppm) (ppm)	SOIL TEST AVERAGE 7.0 1.3 76 132 205	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 2.9 7.5	15
RESUL' pH Ad P (K) Mg Ca	Juniata T decidity (meq/100 g) (ppm) (ppm)	SOIL TEST AVERAGE 7.0 1.3 76 132	RESULTS RESULT K (% Sat)	AVERAGE 2.9	15
RESUL' pH Ad P (K) Mg Ca	Juniata T d cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm)	SOIL TEST AVERAGE 7.0 1.3 76 132 205 1,983 12.1	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.9 7.5	15
RESUL pH Ad P (K) Mg Ca CE	Juniata T decidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC	SOIL TEST AVERAGE 7.0 1.3 76 132 205 1,983 12.1 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 2.9 7.5	15
RESULT PH Act PH (Carter of Carter o	Juniata T d cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC	SOIL TEST AVERAGE 7.0 1.3 76 132 205 1,983 12.1 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.9 7.5	15
RESUL: pH Ac P (K (M(Ca CE	Juniata T d cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC ENDATION ME (lb/A)	SOIL TEST AVERAGE 7.0 1.3 76 132 205 1,983 12.1 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.9 7.5	15
RESUL' pH Ac P (K) Mg Ca CE RECOMM	Juniata T d cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC ENDATION ME (lb/A) (lb/A)	SOIL TEST AVERAGE 7.0 1.3 76 132 205 1,983 12.1 SOIL TEST REC AVERAGE 0	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.9 7.5	15
RESULT PH Act Properties Act Propert	Juniata T d cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC ENDATION ME (lb/A)	SOIL TEST AVERAGE 7.0 1.3 76 132 205 1,983 12.1 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.9 7.5	15

COUNTY:	Lackawanna		# of 3	Samples	44
		SOIL TEST	RESULTS		
RESUI	LT	AVERAGE	RESULT	AVERAGE	
р	Н	6.1			
Α	cidity (meq/100 g)	3.7			
Р	(ppm)	52			
K	(ppm)	80	K (% Sat)	1.9	
N	lg (ppm)	123	Mg (% Sat)	6.0	
	a (ppm)	1,272	Ca (% Sat)	52.6	
С	EC	11.2			
		SOIL TEST REC	OMMENDATIONS ——		
RECOM	MENDATION	AVERAGE			
L	IME (Ib/A)	0			
N	(lb/A)				
Р	2O5 (LB/A)	4			
K	20 (LB/A)	3			
	IGO (LB/a)	71	# 05	Campla	1 667
OUNTY:	Lancaster		# of :	Samples	1,667
	Lancaster			Samples AVERAGE	1,667
COUNTY:	Lancaster	SOIL TEST	RESULTS		1,667
COUNTY: RESUI	Lancaster	SOIL TEST	RESULTS		1,667
COUNTY: RESUI P	Lancaster LT	SOIL TEST AVERAGE 6.6	RESULTS		1,667
COUNTY: RESUI P A	Lancaster LT H cidity (meq/100 g)	SOIL TEST AVERAGE 6.6 1.9	RESULTS		1,667
COUNTY: RESUI P A	Lancaster LT H cidity (meq/100 g)	SOIL TEST AVERAGE 6.6 1.9 70	RESULTS RESULT	AVERAGE	1,667
RESUI P A P K	Lancaster LT H cidity (meq/100 g) (ppm)	SOIL TEST AVERAGE 6.6 1.9 70 179	RESULTS RESULT K (% Sat)	AVERAGE 3.5	1,667
COUNTY: RESUI P K M C	Lancaster LT H acidity (meq/100 g) (ppm) (ppm) (ppm)	SOIL TEST AVERAGE 6.6 1.9 70 179 204	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 3.5 9.8	1,667
COUNTY: RESUI P K M C	Lancaster H cidity (meq/100 g) (ppm) (ppm) (ppm) (ppm)	SOIL TEST AVERAGE 6.6 1.9 70 179 204 1,711 12.4	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 3.5 9.8	1,667
RESUL P A P K	Lancaster H cidity (meq/100 g) (ppm) (ppm) (ppm) (ppm)	SOIL TEST AVERAGE 6.6 1.9 70 179 204 1,711 12.4	K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 3.5 9.8	1,667
RESUI P A P K C C RECOMIN	Lancaster LT H cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) a (ppm)	SOIL TEST AVERAGE 6.6 1.9 70 179 204 1,711 12.4 SOIL TEST REC	K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 3.5 9.8	1,667
RESUI P A P K C C C RECOMM	Lancaster LT H cidity (meq/100 g) (ppm) (ppm) (ppm) (g (ppm) (a (ppm) EC MENDATION	SOIL TEST AVERAGE 6.6 1.9 70 179 204 1,711 12.4 SOIL TEST REC	K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 3.5 9.8	1,667
RESUL P A P K M C C C	Lancaster T H cidity (meq/100 g) (ppm) (p	SOIL TEST AVERAGE 6.6 1.9 70 179 204 1,711 12.4 SOIL TEST REC	K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 3.5 9.8	1,667
RESUI P A P K C C RECOMN	Lancaster H cidity (meq/100 g) (ppm) (ppm) g (ppm) a (ppm) EC MENDATION IME (Ib/A) ((Ib/A)	SOIL TEST AVERAGE 6.6 1.9 70 179 204 1,711 12.4 SOIL TEST REC AVERAGE 0	K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 3.5 9.8	1,667

COUNTY:	Lawrence			Samples	57
			RESULTS —		
RESULT		AVERAGE	RESULT	AVERAGE	
рН		6.4			
Aci	dity (meq/100 g)	2.7			
P (opm)	46			
K (ppm)	110	K (% Sat)	2.3	
Mg	(ppm)	148	Mg (% Sat)	6.2	
Ca	(ppm)	1,701	Ca (% Sat)	64.2	
CE	С	12.6			
		SOIL TEST REC	OMMENDATIONS —		
RECOMME	ENDATION	AVERAGE			
LIN	IE (Ib/A)	0			
N (lb/A)				
P20	O5 (LB/A)	4			
K20) (LB/A)	3			
MG	iO (LB/a)	32			
COUNTY:	Lebanon	SOU TEST	# of	Samples	96
RESULT		AVERAGE	RESULT	AVERAGE	
pH		6.4	1,20021	AVEIGNOE	
-	dity (meq/100 g)	2.8			
	opm)	62			
	ppm)	172	K (% Sat)	3.3	
	(ppm)	206	Mg (% Sat)	10.7	
	(ppm)	1,730	Ca (% Sat)	62.9	
CE		13.5	Oa (70 Oat)	02.3	
32	-		OMMENDATIONS ——		
RECOMME	INDATION	AVERAGE			
	IE (Ib/A)	0			
N (ID/A)				
		_			
	O5 (LB/A)	3			
K20		3 2 39			

COUNTY: Lehigh		# of	Samples	207
	SOIL TEST	RESULTS -		
RESULT	AVERAGE	RESULT	AVERAGE	
рН	6.4			
Acidity (meq/100	g) 2.7			
P (ppm)	68			
K (ppm)	154	K (% Sat)	3.0	
Mg (ppm)	188	Mg (% Sat)	8.3	
Ca (ppm)	1,755	Ca (% Sat)	62.8	
CEC	13.0			
	SOIL TEST REC	OMMENDATIONS —		
RECOMMENDATION	AVERAGE			
LIME (Ib/A)	0			
N (lb/A)				
P2O5 (LB/A)	2			
K20 (LB/A)	2			
MGO (LB/a)	25			
COUNTY: Luzerne			Samples	154
RESULT	AVERAGE	RESULTS RESULT	AVERAGE	
pH	6.3	REGOLI	AVENAGE	
Acidity (meq/100				
	9) 3.0			
P (ppm)	75 119	K (% Sat)	2.5	
K (ppm)	149	Mg (% Sat)	2.5 4.8	
Mg (ppm) Ca (ppm)	1,456	му (<i>%</i> Sat) Са (% Sat)	58.7	
CEC	11.5	Ca (78 Sat)	30.7	
323		OMMENDATIONS ——		
RECOMMENDATION	AVERAGE	CIVINENDATIONS ——		
LIME (Ib/A)				
N (lb/A)	0			
	4			
P2O5 (LB/A) K20 (LB/A)	4			
MGO (LB/a)	3			
IVIGO (LD/a)	47			

COUNTY:	Lycoming			Samples	38
			RESULTS —		
RESUL		AVERAGE	RESULT	AVERAGE	
р	Н	6.7			
Α	cidity (meq/100 g)	1.6			
P	(ppm)	62			
K	(ppm)	121	K (% Sat)	2.4	
M	lg (ppm)	137	Mg (% Sat)	5.6	
С	a (ppm)	2,160	Ca (% Sat)	74.3	
С	EC	12.8			
		SOIL TEST REC	OMMENDATIONS —		
RECOMM	MENDATION	AVERAGE			
L	IME (Ib/A)	0			
N	(lb/A)				
Р	205 (LB/A)	3			
K	(20 (LB/A)	2			
M	IGO (LB/a)	40			
COUNTY:	McKean	eou teet	# of	Samples	7
RESUL	_T	AVERAGE	RESULT	AVERAGE	
	Н	5.5			
-	.cidity (meq/100 g)	6.4			
	(ppm)	29			
	(ppm)	101	K (% Sat)	2.0	
	lg (ppm)	155	Mg (% Sat)	8.5	
	a (ppm)	1,081	Ca (% Sat)	39.6	
	EC	13.3	ou (// out/	00.0	
			OMMENDATIONS ——		
RECOMM	MENDATION	AVERAGE			
	IME (Ib/A)				
	(Ib/A)	0			
		4			
	205 (LB/A)	4			
	(20 (LB/A) IGO (LB/a)	3 19			

COUNTY:	Mercer		# of	Samples	53
		SOIL TEST	RESULTS		
RESUL	.т	AVERAGE	RESULT	AVERAGE	
pl	Н	6.5			
A	cidity (meq/100 g)	2.3			
Р	(ppm)	49			
K	(ppm)	70	K (% Sat)	1.5	
М	g (ppm)	155	Mg (% Sat)	5.7	
C	a (ppm)	1,817	Ca (% Sat)	66.7	
С	EC	11.3			
		SOIL TEST REC	OMMENDATIONS —		
RECOMM	IENDATION	AVERAGE			
LI	IME (Ib/A)	0			
N	(lb/A)				
P	2O5 (LB/A)	2			
K	20 (LB/A)	4			
М	GO (LB/a)	25			
COUNTY:	Mifflin			Samples	9
RESUL	т	AVERAGE	RESULTS	AVERAGE	
pl		6.7	RESOLI	AVLINAGE	
-					
	cidity (meq/100 g)	1.5			
	(ppm)	93	IC (0/ O-4)	2.5	
	(ppm)	129	K (% Sat)	2.5	
	g (ppm)	141 1,917	Mg (% Sat) Ca (% Sat)	6.8 74.1	
	a (ppm) EC	1,917	Ca (% Sat)	74.1	
J			OMMEND ATIONS		
РЕСОМИ	IENDATION		OMMENDATIONS ——		
	IENDATION	AVERAGE			
	IME (Ib/A)	0			
	(lb/A)				
	205 (LB/A)	1			
K	20 (LB/A)	2			
	GO (LB/a)	49			

COUNTY:	Monroe		# of 3	Samples	24
		SOIL TEST	RESULTS -		
RESULT	Γ	AVERAGE	RESULT	AVERAGE	
рН		6.5			
Ac	idity (meq/100 g)	2.8			
Р (ppm)	89			
К (ppm)	126	K (% Sat)	2.3	
Mg	ı (ppm)	139	Mg (% Sat)	7.8	
Са	(ppm)	1,846	Ca (% Sat)	63.0	
CE	C	12.9			
		SOIL TEST REC	OMMENDATIONS —		
RECOMME	ENDATION	AVERAGE			
LIN	ΛΕ (Ib/A)	0			
N (lb/A)				
P20	O5 (LB/A)	4			
K2	0 (LB/A)	3			
МС	GO (LB/a)	60			
COUNTY:	Montgomery	SOIL TEST		Samples	1,345
COUNTY:		SOIL TEST	# of STRESULTS	Samples AVERAGE	1,345
RESULT	г		RESULTS		1,345
RESULT pH	Г	AVERAGE	RESULTS		1,345
RESULT pH Aci	r idity (meq/100 g)	AVERAGE 6.4 2.4	RESULTS		1,345
RESULT pH Aci P (r idity (meq/100 g) ppm)	AVERAGE 6.4 2.4 72	RESULTS RESULT	AVERAGE	1,345
RESULT pH Aci P (K (idity (meq/100 g) ppm) ppm)	AVERAGE 6.4 2.4	RESULTS RESULT K (% Sat)	AVERAGE 2.5	1,345
pH Aci P (K (Mg	idity (meq/100 g) ppm) ppm) ppm) (ppm)	AVERAGE 6.4 2.4 72 111	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE	1,345
RESULT pH Aci P (i K (idity (meq/100 g) ppm) ppm) (ppm) (ppm)	AVERAGE 6.4 2.4 72 111 188	RESULTS RESULT K (% Sat)	AVERAGE 2.5 8.5	1,345
RESULT pH Aci P () K (Mg Ca	idity (meq/100 g) ppm) ppm) (ppm) (ppm)	AVERAGE 6.4 2.4 72 111 188 1,419 11.3	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 2.5 8.5	1,345
RESULT pH Aci P () K (Mg Ca	idity (meq/100 g) ppm) ppm) (ppm) (ppm)	AVERAGE 6.4 2.4 72 111 188 1,419 11.3	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.5 8.5	1,345
RESULT pH Aci P() K(Mg Ca CE	idity (meq/100 g) ppm) ppm) (ppm) (ppm)	AVERAGE 6.4 2.4 72 111 188 1,419 11.3 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.5 8.5	1,345
RESULT pH Aci P (i K (Mg Ca CE	idity (meq/100 g) ppm) ppm) ppm) ppm) ppm) continued by the continued by t	AVERAGE 6.4 2.4 72 111 188 1,419 11.3 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.5 8.5	1,345
RESULT pH Aci P () K () Mg Ca CE RECOMME	idity (meq/100 g) ppm) ppm) (ppm) (ppm) CC ENDATION ME (lb/A)	AVERAGE 6.4 2.4 72 111 188 1,419 11.3 SOIL TEST REC AVERAGE	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.5 8.5	1,345
RESULT pH Aci P (K (Mg Ca CE RECOMME	idity (meq/100 g) ppm) ppm) ppm) ppm) ppm) co ENDATION ME (lb/A)	AVERAGE 6.4 2.4 72 111 188 1,419 11.3 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.5 8.5	1,345

COUNTY:	Montour		# of 3	Samples	19
		SOIL TEST	RESULTS		
RESU	LT	AVERAGE	RESULT	AVERAGE	
p	Н	5.9			
A	Acidity (meq/100 g)	4.3			
F	P (ppm)	75			
ŀ	(ppm)	119	K (% Sat)	2.7	
N	Mg (ppm)	103	Mg (% Sat)	8.0	
C	Ca (ppm)	1,232	Ca (% Sat)	51.2	
C	CEC	11.5			
		—— SOIL TEST REC	OMMENDATIONS		
RECOM	MENDATION	AVERAGE			
L	IME (lb/A)	0			
N	N (Ib/A)				
F	P2O5 (LB/A)	3			
H	(20 (LB/A)	2			
ı	MGO (LB/a)	64			
"		64			
COUNTY:	Northampton			Samples	71
COUNTY:	Northampton	SOIL TEST	RESULTS	·	71
COUNTY:	Northampton LT	SOIL TEST		Samples AVERAGE	71
COUNTY: RESU	Northampton LT	SOIL TEST AVERAGE 6.8	RESULTS	·	71
RESU	Northampton LT bH Acidity (meq/100 g)	SOIL TEST AVERAGE 6.8 2.0	RESULTS	·	71
COUNTY: RESU F	Northampton LT DH Acidity (meq/100 g) P (ppm)	SOIL TEST AVERAGE 6.8 2.0 56	RESULTS RESULT	AVERAGE	71
COUNTY: RESU F	Northampton LT OH Acidity (meq/100 g) P (ppm) K (ppm)	SOIL TEST AVERAGE 6.8 2.0 56 147	RESULTS RESULT K (% Sat)	AVERAGE 2.8	71
RESU F F F	Northampton LT OH Acidity (meq/100 g) P (ppm) K (ppm) Mg (ppm)	SOIL TEST AVERAGE 6.8 2.0 56 147 209	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 2.8 4.1	71
COUNTY: RESU F	Northampton LT OH Acidity (meq/100 g) P (ppm) K (ppm) Mg (ppm) Ca (ppm)	SOIL TEST AVERAGE 6.8 2.0 56 147 209 2,741	RESULTS RESULT K (% Sat)	AVERAGE 2.8	71
COUNTY: RESU F	Northampton LT OH Acidity (meq/100 g) P (ppm) K (ppm) Mg (ppm)	SOIL TEST AVERAGE 6.8 2.0 56 147 209 2,741 13.7	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.8 4.1	71
RESU F	Northampton LT OH Acidity (meq/100 g) P (ppm) K (ppm) Mg (ppm) Ca (ppm)	SOIL TEST AVERAGE 6.8 2.0 56 147 209 2,741 13.7 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 2.8 4.1	71
RESU F F R R R R R R R R R R R R R R R R R	Northampton LT OH Acidity (meq/100 g) P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC MENDATION	SOIL TEST AVERAGE 6.8 2.0 56 147 209 2,741 13.7 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.8 4.1	71
RESU F RESU F R R R R R R R R R R R R R	Northampton LT DH Acidity (meq/100 g) P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC MENDATION LIME (Ib/A)	SOIL TEST AVERAGE 6.8 2.0 56 147 209 2,741 13.7 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.8 4.1	71
RESU F A F A C C RECOMI	Northampton LT OH Acidity (meq/100 g) O (ppm) O (ppm) O (ppm) Oa (ppm) CEC MENDATION LIME (Ib/A) N (Ib/A)	SOIL TEST AVERAGE 6.8 2.0 56 147 209 2,741 13.7 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.8 4.1	71
RESU F RECOMI L N F	Northampton LT OH Acidity (meq/100 g) P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC MENDATION LIME (Ib/A) P (1b/A)	SOIL TEST AVERAGE 6.8 2.0 56 147 209 2,741 13.7 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.8 4.1	71
RESU F RECOMI L RECOMI	Northampton LT OH Acidity (meq/100 g) O (ppm) O (ppm) O (ppm) Oa (ppm) CEC MENDATION LIME (Ib/A) N (Ib/A)	SOIL TEST AVERAGE 6.8 2.0 56 147 209 2,741 13.7 SOIL TEST REC AVERAGE	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.8 4.1	71

SOIL TEST RESULTS	COUNTY:	Northumberland		# of	Samples	13
PH 6.1 Acidity (meq/100 g) 3.6 P (ppm) 55 K (ppm) 95 K (% Sat) 2.2 Mg (ppm) 117 Mg (% Sat) 6.2 Ca (ppm) 1.223 Ca (% Sat) 53.1 CEC 10.9 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 3 K20 (LB/A) 3 MGO (LB/B) 64 COUNTY: Perry SOIL TEST RESULTS RESULT AVERAGE RESULT AVERAGE PH 6.2 Acidity (meq/100 g) 3.7 P (ppm) 55 K (ppm) 132 K (% Sat) 5.4 Ca (ppm) 154 Mg (% Sat) 5.4 Ca (ppm) 1,381 Ca (% Sat) 5.4 Ca (ppm) 1,381 Ca (% Sat) 5.4 CEC 12.0 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 2 RECOMMENDATION AVERAGE			SOIL TEST	RESULTS		
Acidity (meq/100 g) 3.6 P (ppm) 55 K (ppm) 95 K (% Sat) 2.2 Mg (ppm) 117 Mg (% Sat) 6.2 Ca (ppm) 1,223 Ca (% Sat) 53.1 CEC 10.9 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P2O5 (LB/A) 3 K20 (LB/A) 3 MGO (LB/a) 64 COUNTY: Perry SOIL TEST RESULTS RESULT AVERAGE RESULT AVERAGE PH 6.2 Acidity (meq/100 g) 3.7 P (ppm) 55 K (ppm) 132 K (% Sat) 2.8 Mg (ppm) 154 Mg (% Sat) 5.4 Ca (ppm) 1,361 Ca (% Sat) 54.9 CEC 12.0 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P2O5 (LB/A) 2 RECOMMENDATION AVERAGE	RESU	LT	AVERAGE	RESULT	AVERAGE	
P (ppm) 55 K (ppm) 95 K (% Sat) 2.2 Mg (ppm) 117 Mg (% Sat) 6.2 Ca (ppm) 1.223 Ca (% Sat) 53.1 CEC 10.9 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 3 MGO (LB/a) 64 COUNTY: Perry # of Samples 38 RESULT AVERAGE RESULT AVERAGE pH 6.2 Acidity (meq/100 g) 3.7 P (ppm) 55 K (ppm) 132 K (% Sat) 2.8 Mg (ppm) 154 Mg (% Sat) 5.4 Ca (ppm) 1,361 Ca (% Sat) 54.9 CEC 12.0 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (ib/A) P205 (LB/A) 2 K20 (LB/A) 2 K20 (LB/A) 2 K20 (LB/A) 2	p	Н	6.1			
K (ppm) 95	A	Acidity (meq/100 g)	3.6			
Mg (ppm) 117 Mg (% Sat) 6.2 Ca (ppm) 1,223 Ca (% Sat) 53.1 CEC 10.9	F	P (ppm)	55			
Ca (ppm) 1,223 Ca (% Sat) 53.1 CEC 10.9	ŀ	(ppm)	95	K (% Sat)	2.2	
CEC 10.9 SOIL TEST RECOMMENDATIONS AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 3 K20 (LB/A) 3 MGO (LB/A) 64 SOIL TEST RESULTS FESULT AVERAGE PH 6.2 Acidity (meq/100 g) 3.7 P (ppm) 5.5 K (ppm) 132 K (% Sat) 2.8 Mg (ppm) 1.54 Mg (% Sat) 5.4 Ca (ppm) 1.361 Ca (% Sat) 54.9 CEC 12.0 SOIL TEST RECOMMENDATION AVERAGE RECOMMENDATION AVERAGE RECOMMENDATION AVERAGE CEC 12.0 SOIL TEST RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 2 K20 (LB/A)	N	Mg (ppm)	117	Mg (% Sat)	6.2	
SOIL TEST RECOMMENDATION AVERAGE	C	Ca (ppm)	1,223	Ca (% Sat)	53.1	
RECOMMENDATION AVERAGE	C	CEC	10.9			
LIME (Ib/A) N (Ib/A) P205 (LB/A) R20 (LB/A) MGO (LB/a) COUNTY: Perry SOIL TEST RESULTS RESULT AVERAGE PH 6.2 Acidity (meq/100 g) 3.7 P (ppm) 55 K (ppm) 132 K (ppm) 132 K (ppm) 154 Mg (% Sat) Ca (ppm) 1,361 Ca (% Sat) CEC 12.0 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) N (Ib/A) P205 (LB/A) P205 (LB/A) LZ RESULT AVERAGE # of Samples 38 # of Samples # of S			— SOIL TEST REC	OMMENDATIONS —		
N (Ib/A) P205 (LB/A) 3 K20 (LB/A) 3 MGO (LB/a) 64 COUNTY: Perry	RECOM	MENDATION	AVERAGE			
P205 (LB/A) 3 K20 (LB/A) 3 MGO (LB/a) 64 COUNTY: Perry	L	IME (lb/A)	0			
RESULT SOIL TEST RESULTS # of Samples 38	N	N (Ib/A)				
MGO (LB/a) 64	F	P2O5 (LB/A)	3			
SOIL TEST RESULTS	H	(20 (LB/A)	3			
SOIL TEST RESULTS	N	MGO (LB/a)	64			
RESULT AVERAGE RESULT AVERAGE pH 6.2 Acidity (meq/100 g) 3.7 P (ppm) 55 K (ppm) 132 K (% Sat) 2.8 Mg (ppm) 154 Mg (% Sat) 5.4 Ca (ppm) 1,361 Ca (% Sat) 54.9 CEC 12.0 SOIL TEST RECOMMENDATIONS RECOMMENDATION LIME (lb/A) 0 N (lb/A) 0 P205 (LB/A) 2 K20 (LB/A) 2 K20 (LB/A) 2	COUNTY:	Perry	SOII TEST		Samples	38
pH 6.2 Acidity (meq/100 g) 3.7 P (ppm) 55 K (ppm) 132 K (% Sat) 2.8 Mg (ppm) 154 Mg (% Sat) 5.4 Ca (ppm) 1,361 Ca (% Sat) 54.9 CEC 12.0 RECOMMENDATION AVERAGE LIME (lb/A) 0 N (lb/A) P2O5 (LB/A) 2 K20 (LB/A) 2	RESU	LT			AVERAGE	
Acidity (meq/100 g) 3.7 P (ppm) 55 K (ppm) 132 K (% Sat) 2.8 Mg (ppm) 154 Mg (% Sat) 5.4 Ca (ppm) 1,361 Ca (% Sat) 54.9 CEC 12.0 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 2 K20 (LB/A) 2						
P (ppm) 55 K (ppm) 132 K (% Sat) 2.8 Mg (ppm) 154 Mg (% Sat) 5.4 Ca (ppm) 1,361 Ca (% Sat) 54.9 CEC 12.0 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 2 K20 (LB/A) 2						
K (ppm) 132 K (% Sat) 2.8 Mg (ppm) 154 Mg (% Sat) 5.4 Ca (ppm) 1,361 Ca (% Sat) 54.9 CEC 12.0 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 2 K20 (LB/A) 2						
Mg (ppm) 154 Mg (% Sat) 5.4 Ca (ppm) 1,361 Ca (% Sat) 54.9 CEC SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) 2 K20 (LB/A) 2 K20 (LB/A) 2				K (% Sat)	2.8	
Ca (ppm) 1,361 Ca (% Sat) 54.9 CEC 12.0 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P2O5 (LB/A) 2 K20 (LB/A) 2						
Test recommendation						
SOIL TEST RECOMMENDATIONS				•	-	
RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) 2 K20 (LB/A) 2			— SOIL TEST REC	OMMENDATIONS —		
LIME (Ib/A) 0 N (Ib/A) P2O5 (LB/A) 2 K20 (LB/A) 2	RECOM	MENDATION				
N (lb/A) P2O5 (LB/A) 2 K20 (LB/A) 2						
P2O5 (LB/A) 2 K20 (LB/A) 2			v			
K20 (LB/A) 2			2.			

COUNTY:	Philadelphia			Samples	30
			RESULTS —		
RESULT		AVERAGE	RESULT	AVERAGE	
рН		6.7			
Acidi	ty (meq/100 g)	2.3			
Р (рр	om)	108			
K (pp	om)	199	K (% Sat)	3.5	
Mg (p	opm)	260	Mg (% Sat)	6.5	
Ca (p	ppm)	2,075	Ca (% Sat)	64.3	
CEC		14.2			
		SOIL TEST REC	OMMENDATIONS —		
RECOMMEN	DATION	AVERAGE			
LIME	(lb/A)	0			
N (lb/	/A)				
P2O5	5 (LB/A)	3			
K20 ((LB/A)	2			
MGO	(LB/a)	43			
COUNTY:	Pike	eou test	# of	Samples	7
RESULT		AVERAGE	RESULT	AVERAGE	
рН		6.2		711 - 111 - 10 -	
-	ty (meq/100 g)	3.2			
P (pp		85			
г (рр К (рр		104	K (% Sat)	2.1	
Mg (p		138	Mg (% Sat)	8.2	
Ca (p		1,499	Ca (% Sat)	59.2	
CEC	·F····)	12.1	-	33.2	
			OMMENDATIONS ——		
RECOMMEN	DATION	AVERAGE	- Indiana - Indi		
	(lb/A)	0			
N (Ib/		U			
	5 (LB/A)	3			
	(LB/A)	3			
IV/I (÷ / 1	(LB/a)	49			

COUNTY: Potte	er		# of 9	Samples	10
		SOIL TEST	RESULTS		
RESULT		AVERAGE	RESULT	AVERAGE	
рН		6.5			
Acidity (me	q/100 g)	2.4			
P (ppm)		53			
K (ppm)		116	K (% Sat)	2.6	
Mg (ppm)		194	Mg (% Sat)	19.5	
Ca (ppm)		1,418	Ca (% Sat)	61.4	
CEC		11.4			
		SOIL TEST REC	OMMENDATIONS —		
RECOMMENDATIO	N	AVERAGE			
LIME (lb/A)		0			
N (lb/A)					
P2O5 (LB/A	.)	1			
K20 (LB/A)		2			
		0			
MGO (LB/a)		0			
	uylkill			Samples	75
COUNTY: Schi		SOIL TEST	RESULTS		75
COUNTY: Schi		SOIL TEST		Samples AVERAGE	75
COUNTY: Schu RESULT pH	uylkill	SOIL TEST AVERAGE 6.0	RESULTS		75
COUNTY: Schu RESULT pH Acidity (me	uylkill	SOIL TEST AVERAGE 6.0 4.7	RESULTS		75
RESULT pH Acidity (me	uylkill	SOIL TEST AVERAGE 6.0 4.7 75	RESULTS RESULT	AVERAGE	75
RESULT pH Acidity (me P (ppm) K (ppm)	uylkill	SOIL TEST AVERAGE 6.0 4.7 75 110	RESULTS RESULT K (% Sat)	AVERAGE 2.3	75
RESULT pH Acidity (me P (ppm) K (ppm) Mg (ppm)	uylkill	SOIL TEST AVERAGE 6.0 4.7 75 110 153	RESULTS RESULT K (% Sat) Mg (% Sat)	2.3 2.3	75
RESULT pH Acidity (me P (ppm) K (ppm) Mg (ppm) Ca (ppm)	uylkill	SOIL TEST AVERAGE 6.0 4.7 75 110 153 1,293	RESULTS RESULT K (% Sat)	AVERAGE 2.3	75
RESULT pH Acidity (me P (ppm) K (ppm) Mg (ppm)	uylkill	SOIL TEST AVERAGE 6.0 4.7 75 110 153 1,293 12.6	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.3 2.3	75
RESULT pH Acidity (me P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC	q/100 g)	SOIL TEST AVERAGE 6.0 4.7 75 110 153 1,293 12.6 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat)	2.3 2.3	75
RESULT pH Acidity (me P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC	q/100 g)	SOIL TEST AVERAGE 6.0 4.7 75 110 153 1,293 12.6 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.3 2.3	75
RESULT pH Acidity (me P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC RECOMMENDATIO LIME (Ib/A)	q/100 g)	SOIL TEST AVERAGE 6.0 4.7 75 110 153 1,293 12.6 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.3 2.3	75
RESULT pH Acidity (me P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC RECOMMENDATIO LIME (lb/A) N (lb/A)	uylkill q/100 g)	SOIL TEST AVERAGE 6.0 4.7 75 110 153 1,293 12.6 SOIL TEST REC AVERAGE 0	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.3 2.3	75
RESULT pH Acidity (me P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC RECOMMENDATIO LIME (lb/A) N (lb/A) P2O5 (LB/A	uylkill q/100 g)	SOIL TEST AVERAGE 6.0 4.7 75 110 153 1,293 12.6 SOIL TEST REC AVERAGE 0 4	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.3 2.3	75
RESULT pH Acidity (me P (ppm) K (ppm) Mg (ppm) Ca (ppm) CEC RECOMMENDATIO LIME (lb/A) N (lb/A)	uylkill q/100 g)	SOIL TEST AVERAGE 6.0 4.7 75 110 153 1,293 12.6 SOIL TEST REC AVERAGE 0	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	2.3 2.3	75

COUNTY:	Snyder		# of	Samples	12
		SOIL TEST	RESULTS		
RESU	LT	AVERAGE	RESULT	AVERAGE	
ŗ	Н	6.2			
Į.	Acidity (meq/100 g)	3.3			
F	P (ppm)	45			
ŀ	(ppm)	116	K (% Sat)	2.5	
N	Mg (ppm)	137	Mg (% Sat)	6.4	
C	Ca (ppm)	1,417	Ca (% Sat)	60.8	
C	CEC	11.8			
		SOIL TEST REC	COMMENDATIONS ——		
RECOMI	MENDATION	AVERAGE			
L	-IME (Ib/A)	0			
N	N (Ib/A)				
F	P2O5 (LB/A)	3			
ŀ	(20 (LB/A)	2			
N	MGO (LB/a)	48			
COUNTY:	Somerset			Samples	18
RESU	ıT	AVERAGE	RESULTS	AVERAGE	
	оН	6.2	RESOLI	AVERAGE	
-					
	Acidity (meq/100 g)	3.6			
	(ppm)	41	IC (0/ O-4)	2.2	
	(ppm)	118	K (% Sat) Mg (% Sat)	2.3	
	Mg (ppm) Ca (ppm)	167 1,624	Mg (% Sat) Ca (% Sat)	6.2 59.8	
	CEC	13.3	Ca (76 Sat)	39.0	
·	523		COMMENDATIONS		
DECOM	MENDATION	AVERAGE	COMMENDATIONS ——		
	LIME (Ib/A)	0			
	N (Ib/A)	2			
	P2O5 (LB/A) K20 (LB/A)	2			
	√20 (LB/A) МGO (LB/a)	2			
IN.	viGU (LD/d)	21			

COUNTY:	Susquehanna		# of 9	Samples	5
		SOIL TEST	RESULTS		
RESUL	LT	AVERAGE	RESULT	AVERAGE	
р	Н	6.1			
Α	cidity (meq/100 g)	4.2			
Р	(ppm)	47			
K	(ppm)	130	K (% Sat)	2.0	
N	lg (ppm)	227	Mg (% Sat)	8.2	
С	a (ppm)	1,958	Ca (% Sat)	60.4	
С	EEC	16.2			
		SOIL TEST REC	OMMENDATIONS —		
RECOM	MENDATION	AVERAGE			
L	IME (Ib/A)	0			
N	l (lb/A)				
Р	205 (LB/A)	3			
K	(20 (LB/A)	3			
M	IGO (LB/a)	60			
COUNTY:	Tioga			Samples	9
COUNTY:	Tioga	SOIL TEST	RESULTS		9
COUNTY:	Tioga LT	SOIL TEST		Samples AVERAGE	9
COUNTY: RESUI	Tioga LT H	SOIL TEST AVERAGE 6.4	RESULTS		9
COUNTY: RESUI P	Tioga LT H acidity (meq/100 g)	SOIL TEST AVERAGE 6.4 2.9	RESULTS		9
COUNTY: RESUI P A	Tioga LT H acidity (meq/100 g)	SOIL TEST AVERAGE 6.4 2.9 36	RESULTS RESULT	AVERAGE	9
COUNTY: RESUI P A	Tioga LT H scidity (meq/100 g) (ppm) (ppm)	SOIL TEST AVERAGE 6.4 2.9 36 100	RESULTS RESULT K (% Sat)	AVERAGE 2.1	9
RESUI P A P K	Tioga LT H acidity (meq/100 g) (ppm) (ppm) (ppm)	SOIL TEST AVERAGE 6.4 2.9 36 100 166	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 2.1 6.0	9
COUNTY: RESUI P K M C	Tioga LT H scidity (meq/100 g) (ppm) (ppm)	SOIL TEST AVERAGE 6.4 2.9 36 100	RESULTS RESULT K (% Sat)	AVERAGE 2.1	9
COUNTY: RESUI P K M C	Tioga LT H acidity (meq/100 g) (ppm) (ppm) (ppm) (ppm) (ppm)	SOIL TEST AVERAGE 6.4 2.9 36 100 166 1,541 12.3	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.1 6.0	9
RESUL P A P K	Tioga LT H acidity (meq/100 g) (ppm) (ppm) (ppm) (ppm) (ppm)	SOIL TEST AVERAGE 6.4 2.9 36 100 166 1,541 12.3	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 2.1 6.0	9
RESUI P A P K C C RECOMIN	Tioga LT H acidity (meq/100 g) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm) (ppm)	SOIL TEST AVERAGE 6.4 2.9 36 100 166 1,541 12.3 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.1 6.0	9
RESUI P A P K C C C RECOMM	Tioga LT H scidity (meq/100 g) (ppm) (ppm) (ppm) (ppm) (a (ppm) (ca (ppm)	SOIL TEST AVERAGE 6.4 2.9 36 100 166 1,541 12.3 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.1 6.0	9
RESUL P A P K M C C C	Tioga LT H scidity (meq/100 g) (ppm) (ppm) (ppm) (a (ppm) (a (ppm) (ba (pp	SOIL TEST AVERAGE 6.4 2.9 36 100 166 1,541 12.3 SOIL TEST REC AVERAGE 0	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.1 6.0	9
RESUI P A P K C C RECOMN	Tioga LT H scidity (meq/100 g) (ppm) (ppm) (ppm) (ppm) (sa (ppm) (se (ppm) (se (ppm)	SOIL TEST AVERAGE 6.4 2.9 36 100 166 1,541 12.3 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 2.1 6.0	9

COUNTY: Union			Samples	31
		RESULTS		
RESULT	AVERAGE	RESULT	AVERAGE	
рН	6.4			
Acidity (meq/100 g)	2.7			
P (ppm)	76			
K (ppm)	108	K (% Sat)	2.4	
Mg (ppm)	134	Mg (% Sat)	13.3	
Ca (ppm)	1,539	Ca (% Sat)	63.2	
CEC	11.8			
	SOIL TEST REC	OMMENDATIONS —		
RECOMMENDATION	AVERAGE			
LIME (Ib/A)	0			
N (lb/A)				
P2O5 (LB/A)	1			
K20 (LB/A)	3			
MGO (LB/a)	49			
COUNTY: Venango	SOIL TEST	# of RESULTS ————	Samples	5
RESULT	AVERAGE	RESULT	AVERAGE	
рН	6.7			
Acidity (meq/100 g)	1.4			
P (ppm)	88			
K (ppm)	388	K (% Sat)	5.1	
Mg (ppm)	242	Mg (% Sat)	5.4	
Ca (ppm)	2,249	Ca (% Sat)	67.7	
CEC	14.5	,		
	SOIL TEST REC	OMMENDATIONS —		
RECOMMENDATION	AVERAGE			
LIME (lb/A)	0			
N (lb/A)	v			
P2O5 (LB/A)	4			
` '	•			
K20 (LB/A)	2			
K20 (LB/A) MGO (LB/a)	2 33			

OUNTY:	Venango			Samples	1
	_	SOIL TEST			
RESUL		AVERAGE	RESULT	AVERAGE	
рН		6.2			
Ac	idity (meq/100 g)	4.5			
Р (ppm)	138			
K ((ppm)	92	K (% Sat)	1.4	
Mg	g (ppm)	179	Mg (% Sat)	8.8	
Ca	(ppm)	2,158	Ca (% Sat)	63.4	
CE	EC .	17.0			
		SOIL TEST REC	OMMENDATIONS ——		
RECOMMI	ENDATION	AVERAGE			
LIN	ME (lb/A)	0			
N ((lb/A)				
P2	O5 (LB/A)				
K2	0 (LB/A)	3			
МС	GO (LB/a)	0			
MC	GO (LB/a) Warren			Samples	7
OUNTY:	Warren	SOIL TEST	RESULTS		7
OUNTY:	Warren	SOIL TEST		Samples AVERAGE	7
COUNTY: RESULT pH	Warren	SOIL TEST AVERAGE 6.2	RESULTS		7
RESULT PH	Warren T I idity (meq/100 g)	SOIL TEST AVERAGE 6.2 3.9	RESULTS		7
COUNTY: RESULT pH Ac	Warren T idity (meq/100 g)	SOIL TEST AVERAGE 6.2 3.9 63	RESULTS RESULT	AVERAGE	7
RESULT PH	Warren T idity (meq/100 g) (ppm) (ppm)	SOIL TEST AVERAGE 6.2 3.9 63 92	RESULTS RESULT K (% Sat)	AVERAGE 1.5	7
RESULT PH Ac P(K(Warren T idity (meq/100 g) (ppm) (ppm)	SOIL TEST AVERAGE 6.2 3.9 63 92 231	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 1.5 11.7	7
P (Warren T idity (meq/100 g) (ppm) (ppm) g (ppm)	SOIL TEST AVERAGE 6.2 3.9 63 92 231 1,933	RESULTS RESULT K (% Sat)	AVERAGE 1.5	7
RESULT PH Ac P(K(Warren T idity (meq/100 g) (ppm) (ppm) g (ppm)	SOIL TEST AVERAGE 6.2 3.9 63 92 231 1,933 15.7	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 1.5 11.7	7
RESULT PH Ac P (Mg Ca	Warren T idity (meq/100 g) (ppm) (ppm) g (ppm) t (ppm)	SOIL TEST AVERAGE 6.2 3.9 63 92 231 1,933 15.7 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat)	AVERAGE 1.5 11.7	7
RESULT PH Ac P (K (Ca CE	Warren T idity (meq/100 g) (ppm) (ppm) g (ppm) c (ppm)	SOIL TEST AVERAGE 6.2 3.9 63 92 231 1,933 15.7 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 1.5 11.7	7
RESULT PH Ac P(K(Mg Ca CE	Warren T idity (meq/100 g) (ppm) (ppm) (ppm) (ppm) (ppm) EC ENDATION ME (lb/A)	SOIL TEST AVERAGE 6.2 3.9 63 92 231 1,933 15.7 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 1.5 11.7	7
RESULT PH Ac P(K(Mg Ca CE RECOMMI	Warren T idity (meq/100 g) (ppm) (ppm) (ppm) (ppm) EC ENDATION ME (Ib/A) (Ib/A)	SOIL TEST AVERAGE 6.2 3.9 63 92 231 1,933 15.7 SOIL TEST REC	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 1.5 11.7	7
RESULT PH Ac P (K (Mg Ca CE RECOMMI LIN N (P2	Warren T idity (meq/100 g) (ppm) (ppm) (ppm) (ppm) C ENDATION ME (lb/A) (lb/A) O5 (LB/A)	SOIL TEST AVERAGE 6.2 3.9 63 92 231 1,933 15.7 SOIL TEST REC AVERAGE 0	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 1.5 11.7	7
RESULT PH Ac P(K(Mg Ca CE RECOMMI LIN N(P2 K2	Warren T idity (meq/100 g) (ppm) (ppm) (ppm) (ppm) EC ENDATION ME (Ib/A) (Ib/A)	SOIL TEST AVERAGE 6.2 3.9 63 92 231 1,933 15.7 SOIL TEST REC AVERAGE	RESULTS RESULT K (% Sat) Mg (% Sat) Ca (% Sat)	AVERAGE 1.5 11.7	7

COUNTY:	Washington		# of	Samples	53
		SOIL TEST	RESULTS		
RESUL	.Т	AVERAGE	RESULT	AVERAGE	
pl	Н	6.6			
A	cidity (meq/100 g)	2.5			
Р	(ppm)	42			
K	(ppm)	154	K (% Sat)	2.4	
М	g (ppm)	225	Mg (% Sat)	11.3	
С	a (ppm)	2,673	Ca (% Sat)	69.5	
С	EC	16.1			
		——— SOIL TEST REC	OMMENDATIONS —		
RECOMM	IENDATION	AVERAGE			
LI	IME (lb/A)	0			
N	(lb/A)				
P	2O5 (LB/A)	4			
K	20 (LB/A)	2			
М	GO (LB/a)	7			
COUNTY:	Wayne	0011 7507		Samples	30
RESUL	т	AVERAGE	RESULTS	AVERAGE	
pl		6.1	REGOLI	AVERAGE	
-	cidity (meq/100 g)	3.6			
		80			
	(ppm)	143	K (% Sat)	3.1	
	(ppm) g (ppm)	122	Mg (% Sat)	7.0	
	g (ppm) a (ppm)	1,239	Ca (% Sat)	47.5	
	EC	10.5	ou (70 out)	47.0	
			OMMENDATIONS ——		
RECOMM	IENDATION	AVERAGE			
	IME (Ib/A)	0			
	(lb/A)	U			
	2O5 (LB/A)	6			
	20 (LB/A)	4			
	GO (LB/a)	84			
IVI	OO (LD/u)	04			

SOIL TEST RESULT AVERAGE RESULT AVERAGE	COUNTY:	Westmoreland		# of	Samples	101
pH 6.5 Acidity (meq/100 g) 2.7 P (ppm) 52 K (ppm) 139 K (% Sat) 2.4 Mg (ppm) 200 Mg (% Sat) 6.0 Ca (ppm) 2.170 Ca (% Sat) 67.7 CEC 15.0 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P 205 (LB/A) 3 K20 (LB/A) 2 MGO (LB/a) 25 RESULT AVERAGE RESULT AVERAGE PH 6.2 Acidity (meq/100 g) 3.5 P (ppm) 79 K (ppm) 130 K (% Sat) 3.1 Mg (ppm) 141 Mg (% Sat) 6.9 Ca (ppm) 1.287 Ca (% Sat) 6.9 CEC 11.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 SIL TEST RECOMMENDATIONS AVERAGE RESULT AVERAGE PH 6.2 Acidity (meq/100 g) 3.5 P (ppm) 79 K (ppm) 130 K (% Sat) 3.1 Mg (ppm) 141 Mg (% Sat) 6.9 Ca (ppm) 1.287 Ca (% Sat) 55.8 CEC 11.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P 205 (LB/A) 2 K20 (LB/A) 2			SOIL TEST	RESULTS -		
Acidity (meq/100 g) 2.7 P (ppm) 52 K (ppm) 139 K (% Sat) 2.4 Mg (ppm) 200 Mg (% Sat) 6.0 Ca (ppm) 2,170 Ca (% Sat) 67.7 CEC 15.0 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 2 MGO (LB/B) 25 OUNTY: Wyoming # of Samples 11 RESULT AVERAGE RESULT AVERAGE PH 6.2 Acidity (meq/100 g) 3.5 P (ppm) 79 K (ppm) 130 K (% Sat) 3.1 Mg (ppm) 141 Mg (% Sat) 6.9 Ca (ppm) 1,287 Ca (% Sat) 55.8 CEC 11.4 RECOMMENDATION AVERAGE RECOMMENDATION AVERAGE LIME (Ib/A) 0 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 2 K20 (LB/A) 2 LIME (Ib/A) 2 K20 (LB/A) 2	RES	ULT	AVERAGE	RESULT	AVERAGE	
P (ppm) 52		pH	6.5			
K (ppm) 139 K (% Sat) 2.4 Mg (ppm) 200 Mg (% Sat) 6.0 Ca (ppm) 2,170 Ca (% Sat) 67.7 CEC 15.0 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 NG (LB/A) 25 RESULT AVERAGE RESULT AVERAGE pH 6.2 Acidity (meq/100 g) 3.5 P (ppm) 79 K (ppm) 130 K (% Sat) 3.1 Mg (ppm) 144 Mg (% Sat) 6.9 Ca (ppm) 1,287 Ca (% Sat) 55.8 CEC 11.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 SOIL TEST RESULTS RESULT AVERAGE RESULT AVERAGE pH 6.2 Acidity (meq/100 g) 3.5 P (ppm) 79 K (ppm) 130 K (% Sat) 3.1 Mg (ppm) 141 Mg (% Sat) 6.9 CEC 11.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P 205 (LB/A) 2 K20 (LB/A) 2		Acidity (meq/100 g)	2.7			
Mg (ppm) 200 Mg (% Sat) 6.0 Ca (ppm) 2,170 Ca (% Sat) 67.7 CEC 15.0		P (ppm)	52			
Ca (ppm)		K (ppm)	139	K (% Sat)	2.4	
CEC 15.0 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A)		Mg (ppm)	200	Mg (% Sat)	6.0	
SOIL TEST RECOMMENDATION AVERAGE		Ca (ppm)	2,170	Ca (% Sat)	67.7	
RECOMMENDATION AVERAGE		CEC	15.0			
LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 3 K20 (LB/A) 2 MGO (LB/a) 25 OUNTY: Wyoming # of Samples 11 RESULT AVERAGE RESULTS PH 6.2 Acidity (meq/100 g) 3.5 P (ppm) 79 K (ppm) 79 K (ppm) 130 K (% Sat) 3.1 Mg (ppm) 141 Mg (% Sat) 6.9 Ca (ppm) 1,287 Ca (% Sat) 55.8 CEC 11.4 SOIL TEST RESULTS CEC 11.4 RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 2 K20 (LB/A) 2			—— SOIL TEST REC	OMMENDATIONS —		
N (lb/A) P205 (LB/A) R20 (LB/A) MGO (LB/a) OUNTY: Wyoming SOIL TEST RESULTS RESULT AVERAGE PH 6.2 Acidity (meq/100 g) 79 K (ppm) 79 K (ppm) 130 K (% Sat) Mg (ppm) 141 Mg (% Sat) 6.9 Ca (ppm) 1,287 CEC 11.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (lb/A) N (lb/A) P205 (LB/A) P205 (LB/A) LEST RECOMMENDATION AVERAGE LIME (lb/A) 12 K20 (LB/A) 12	RECOM	MMENDATION	AVERAGE			
P205 (LB/A) 3 K20 (LB/A) 2 MGO (LB/a) 25 OUNTY: Wyoming # of Samples 11 RESULT AVERAGE RESULT AVERAGE pH 6.2 Acidity (meq/100 g) 3.5 P (ppm) 79 K (ppm) 130 K (% Sat) 3.1 Mg (ppm) 141 Mg (% Sat) 6.9 Ca (ppm) 1,287 Ca (% Sat) 55.8 CEC 11.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 2 K20 (LB/A) 2		LIME (Ib/A)	0			
MGO (LB/A) 2 25		N (lb/A)				
MGO (LB/a) 25		P2O5 (LB/A)	3			
# of Samples 11 SOIL TEST RESULTS		K20 (LB/A)	2			
SOIL TEST RESULTS		MGO (LB/a)	25			
RESULT AVERAGE RESULT AVERAGE pH 6.2 Acidity (meq/100 g) 3.5 P (ppm) 79 K (ppm) 130 K (% Sat) 3.1 Mg (ppm) 141 Mg (% Sat) 6.9 Ca (ppm) 1,287 Ca (% Sat) 55.8 CEC 11.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) 0 N (Ib/A) P205 (LB/A) 2 K20 (LB/A) K20 (LB/A) 2 Ca (% Sat)	COUNTY:	Wyoming	SOU TEST		Samples	11
Acidity (meq/100 g) 3.5 P (ppm) 79 K (ppm) 130 K (% Sat) 3.1 Mg (ppm) 141 Mg (% Sat) 6.9 Ca (ppm) 1,287 Ca (% Sat) 55.8 CEC 11.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 2 K20 (LB/A) 2	RESI	ULT			AVERAGE	
Acidity (meq/100 g) 3.5 P (ppm) 79 K (ppm) 130 K (% Sat) 3.1 Mg (ppm) 141 Mg (% Sat) 6.9 Ca (ppm) 1,287 Ca (% Sat) 55.8 CEC 11.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 2 K20 (LB/A) 2		pН	6.2			
P (ppm) 79 K (ppm) 130 K (% Sat) 3.1 Mg (ppm) 141 Mg (% Sat) 6.9 Ca (ppm) 1,287 Ca (% Sat) 55.8 CEC 11.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P2O5 (LB/A) 2 K20 (LB/A) 2			3.5			
K (ppm) 130 K (% Sat) 3.1 Mg (ppm) 141 Mg (% Sat) 6.9 Ca (ppm) 1,287 Ca (% Sat) 55.8 CEC 11.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (Ib/A) 0 N (Ib/A) P205 (LB/A) 2 K20 (LB/A) 2						
Mg (ppm) 141 Mg (% Sat) 6.9 Ca (ppm) 1,287 Ca (% Sat) 55.8 CEC 11.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (lb/A) 0 N (lb/A) P2O5 (LB/A) 2 K20 (LB/A) 2				K (% Sat)	3.1	
Ca (ppm) 1,287 Ca (% Sat) 55.8 CEC 11.4 SOIL TEST RECOMMENDATIONS RECOMMENDATION AVERAGE LIME (lb/A) 0 N (lb/A) P2O5 (LB/A) 2 K20 (LB/A) 2						
SOIL TEST RECOMMENDATIONS SOIL TEST RECOMMENDATIONS						
RECOMMENDATION AVERAGE LIME (lb/A) 0 N (lb/A) 2 P2O5 (LB/A) 2 K20 (LB/A) 2			11.4			
RECOMMENDATION AVERAGE LIME (lb/A) 0 N (lb/A) 2 P2O5 (LB/A) 2 K20 (LB/A) 2			—— SOIL TEST REC	OMMENDATIONS —		
LIME (Ib/A) 0 N (Ib/A) P2O5 (LB/A) 2 K20 (LB/A) 2	RECOM	MMENDATION				
N (lb/A) P2O5 (LB/A) 2 K20 (LB/A) 2		LIME (Ib/A)	0			
P2O5 (LB/A) 2 K20 (LB/A) 2						
K20 (LB/A) 2			2			
· · · · · · · · · · · · · · · · · · ·		MGO (LB/a)	43			

COUNTY: York		# of	Samples	310
	SOIL TEST	RESULTS		
RESULT	AVERAGE	RESULT	AVERAGE	
рН	6.5			
Acidity (meq/100 g)	2.1			
P (ppm)	50			
K (ppm)	141	K (% Sat)	2.9	
Mg (ppm)	191	Mg (% Sat)	8.7	
Ca (ppm)	1,689	Ca (% Sat)	65.9	
CEC	12.3			
	SOIL TEST REC	OMMENDATIONS		
RECOMMENDATION	AVERAGE			
LIME (lb/A)	0			
N (lb/A)				
P2O5 (LB/A)	3			
K20 (LB/A)	2			
MGO (LB/a)	20			