TABLE A
THE FORMULAS USED TO DETERMINE TEC

$$TEC = \frac{\left(\dfrac{lb/A\ Ca^*}{400} + \dfrac{lb/A\ Mg^*}{240} + \dfrac{lb/A\ K^*}{780} + \dfrac{lb/A\ Na^*}{460}\right)}{100 - (other\ bases + exchangeable\ hydrogen)} \times 100$$

Other Bases					Exchangeable Hydrogen						
= 11.4	-	pH	if	soil pH > 6.1	=	0		if	pH > 7.0		
= 17.4	-	(2 x pH)	if	soil pH > 3.0 & ≤ 6.1	= (7	- pH) x	15	if	pH > 6.0	&	≤ 7.0
= 13.3	-	(.6 x pH)	if	soil pH ≥ 2.2 & ≤ 3	= 195	- (30 x	pH)	if	pH > 5	&	≤ 6.0
= 17.4	-	(2 x pH)	if	soil pH < 2.2	= 145	- (20 x	pH)	if	pH > 4.0	&	≤ 5.0
					= 105	- (10 x	pH)	if	pH > 3.0	&	≤ 4.0
					= 93	- (6 x	pH)	if	pH ≥ 2.2	&	≤ 3.0
					= 155	- (25 x	pH)	if	pH < 2.2		