

TABLE I  
THE PARTICLE VOLUME AND ESTIMATED PARTICLE DIMENSIONS OF  
CORN SEEDLING CHLOROPLASTS

Cumulative Volume %	Volume ( $\mu^3$ )	Thickness ( $h$ ) ( $\mu$ )	Surface area ( $\mu^2$ )	Axial ratio					
				1		1.5		2	
				Semi axis* ( $\mu$ )		Semi axis* ( $\mu$ )		Semi axis* ( $\mu$ )	
				$a$	$b$	$a$	$b$	$a$	$b$
10	106	0.5	212	8.2	8.2	10.5	6.7	11.6	5.8
		1.0	106	5.8	5.8	7.1	4.7	8.2	4.1
50	22.5	0.5	45.0	3.8	3.8	4.7	3.1	5.4	2.7
		1.0	22.5	2.7	2.7	3.3	2.2	3.8	1.9
90	1.5	0.5	3.0	0.93	0.93	1.2	0.78	1.4	0.70
		1.0	1.5	0.70	0.70	0.84	0.56	0.90	0.45

\*  $a$  and  $b$  are the semi-major and semi-minor axes, respectively. Area ( $A$ ) =  $\pi ab$ ; volume =  $A.h$ ; axial ratio =  $a/b$ .