

Table 2 Effect of sorbitol on total protein and total RNA in excised etiolated maize leaf segments during greening

Sorbitol Conc. M	Total Protein mg/g fr.wt.	Total RNA mg/g fr.wt.
0.0	10.5±0.19 (100)	8.5±0.04 (100)
0.2	8.3±0.05 ^{***} (79)	7.6±0.02 ^{***} (89)
0.4	7.5±0.03 ^{***} (71)	6.9 ± 0.03 ^{***} (76)
0.6	6.3±0.04 ^{***} (60)	5.4±0.03 ^{***} (64)
0.8	5.1±0.06 ^{***} (49)	4.4±0.03 ^{***} (52)
1.0	3.0±0.07 ^{***} (29)	3.4±0.05 ^{***} (40)

Note: Leaf segments from dark grown maize seedlings were treated with varying concentration of sorbitol in continuous light for 24 h at 25±3 °C; values relative to control are given in parentheses; level of significance: 'p' values <0.05*, <0.01**, <0.001*** compared with control