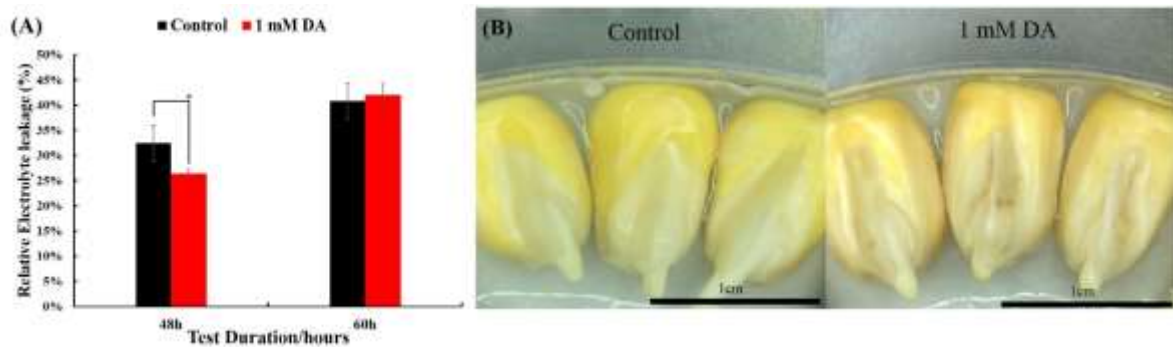


**Appendix A** GA content of maize shoot and root. Differences between control and DA were not statistically significant.



**Appendix B** DA decreased cell membrane damage. (A) Relative electrolyte leakage in roots cultured for 48 h and 60 h. Maize seeds status of dopamine-treated and control group after 36 hours. (B) DA-induced browning phenotype.