

A Multifactorial Approach to Untangle Graphene Oxide (GO) Nanosheets Effects on Plants: Plant Growth-Promoting Bacteria Inoculation, Bacterial Survival, and Drought

Tiago Lopes ¹, Catarina Cruz ¹, Paulo Cardoso ², Ricardo Pinto ², Paula A.A.P. Marques³ and Etelvina Figueira ^{2,*}

¹ Department of Biology, University of Aveiro, Aveiro, Portugal; tslopes@ua.pt (T.L.); catarinasilvacruz@ua.pt (C.C.)

² Department of Biology & CESAM- Centre for Environmental and Marine Studies, University of Aveiro, Aveiro, Portugal; pjcardoso@ua.pt (P.C.); rl.pinto@ua.pt (R.P.)

³ Department of Mechanics & TEMA- Centre for Mechanical Technology and Automation, University of Aveiro, Aveiro, Portugal; paulam@ua.pt

* Correspondence: efigueira@ua.pt

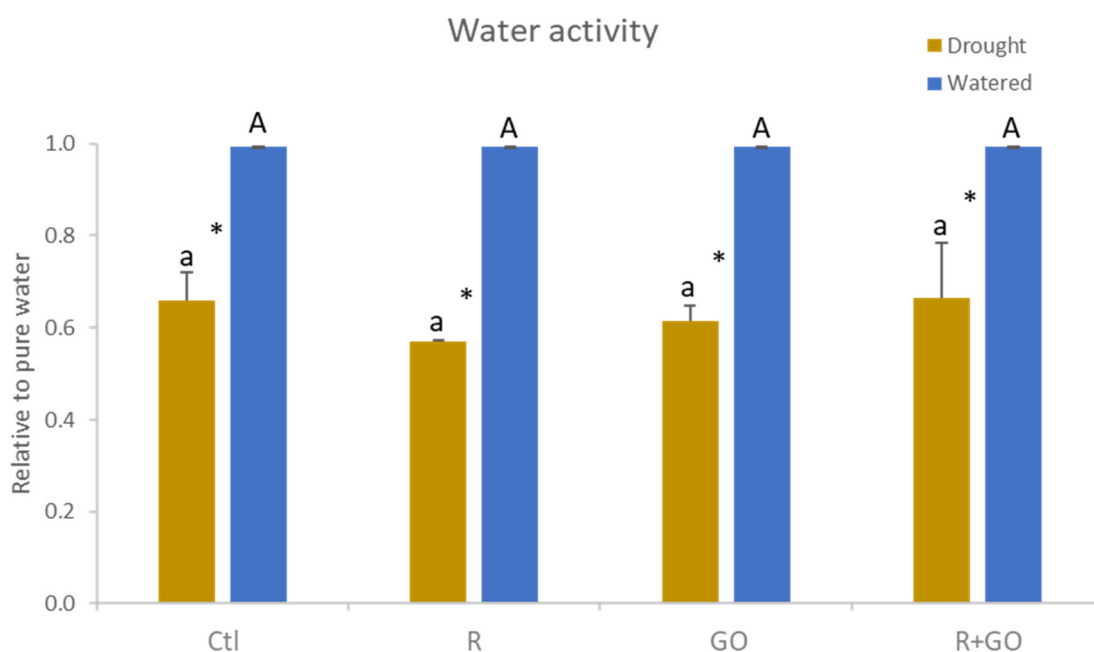


Figure S1. Water activity in the sand. Ctl- no addition of graphene oxide nanosheets, no bacterial inoculation; R- no addition of graphene oxide nanosheets, inoculation with *Rhizobium* strain E20-8; GO- addition of graphene oxide nanosheets, no bacterial inoculation; R+GO- addition of graphene oxide nanosheets, inoculation with *Rhizobium* strain E20-8.