Surfactant application via drippers for water repellent soil remediation enhances agrochemicals leaching through preferential flow pathways



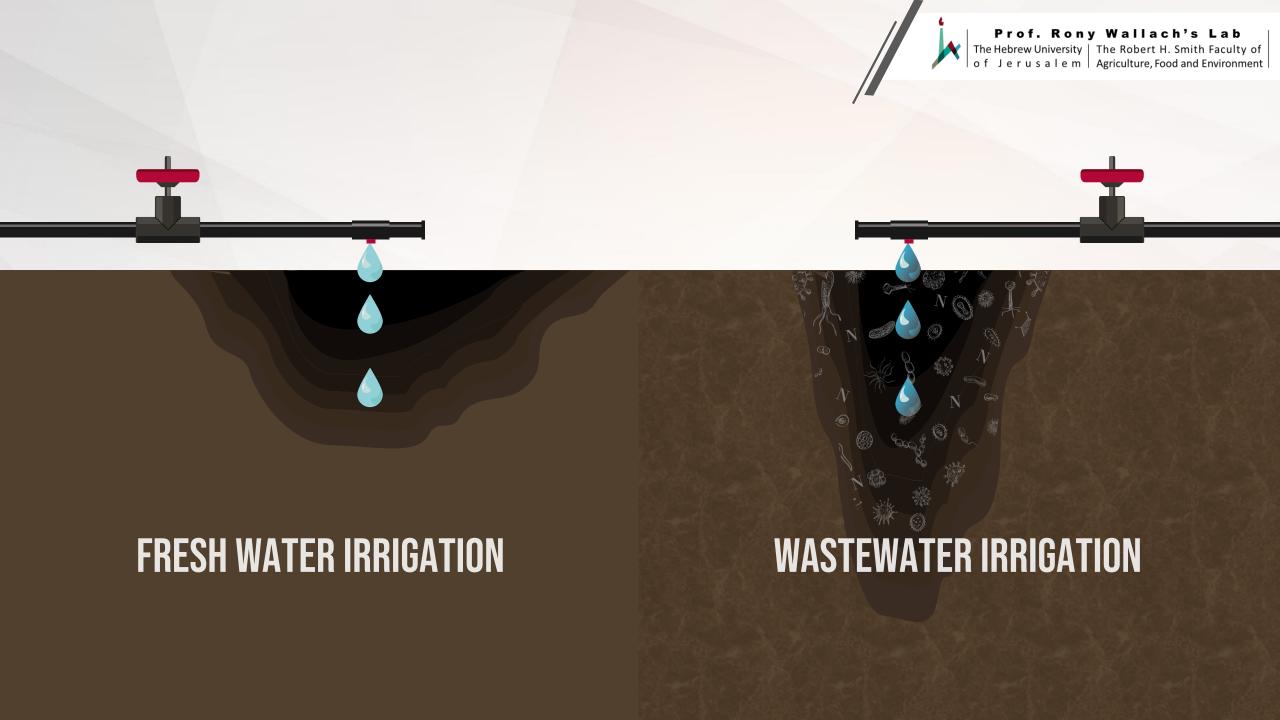
Felix Ogunmokun & Rony Wallach

(felix.ogunmokun@mail.huji.ac.il)

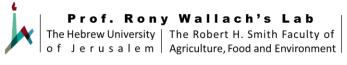


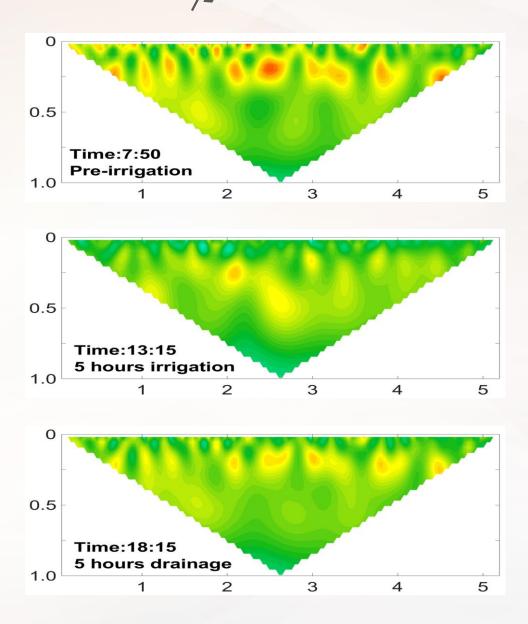


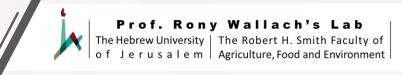




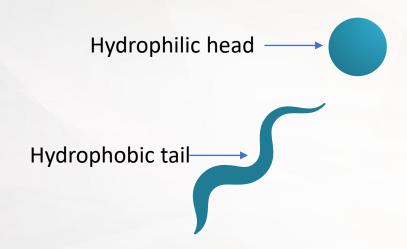




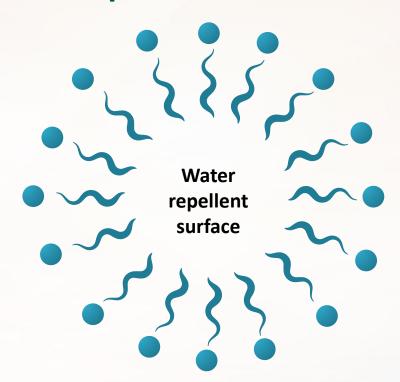




Surfactant

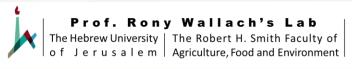


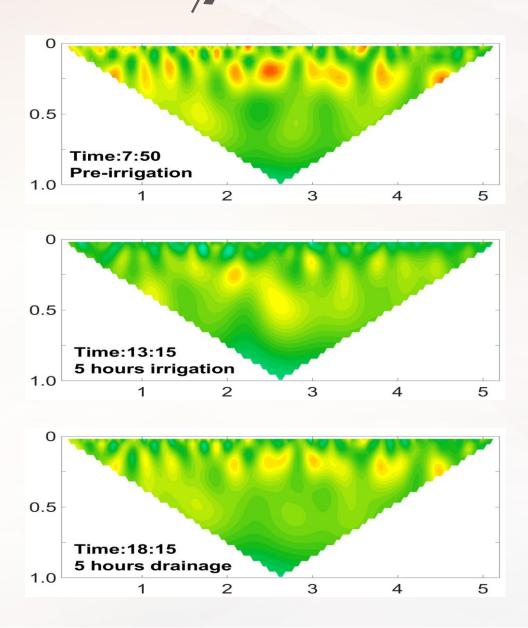
Surfactant on a water repellent surface



Untreated Plot

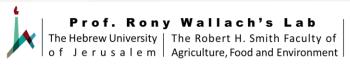


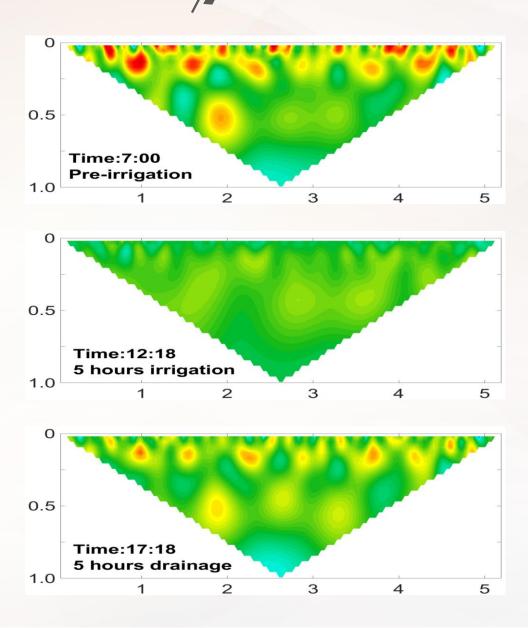




Drip Treated Plot



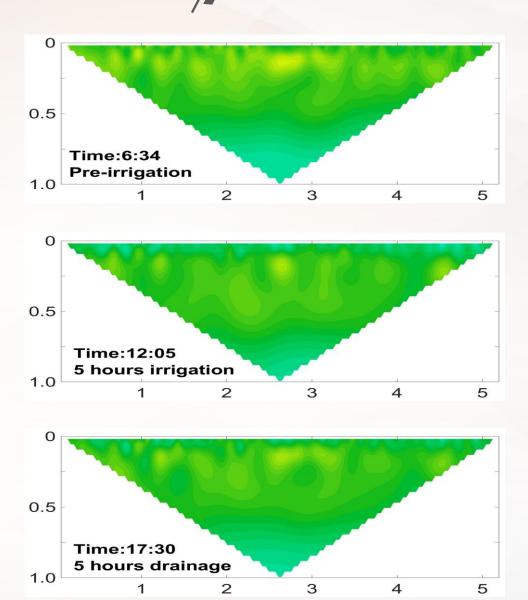


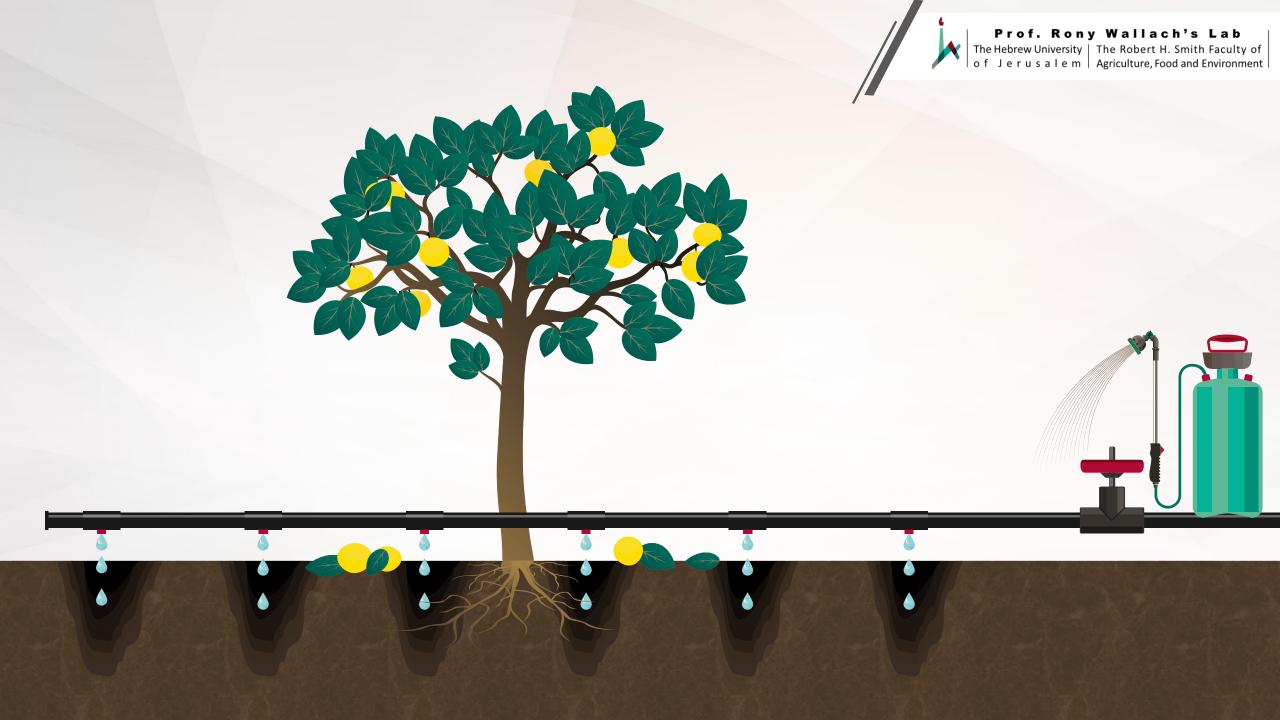


Spray Treated Plot

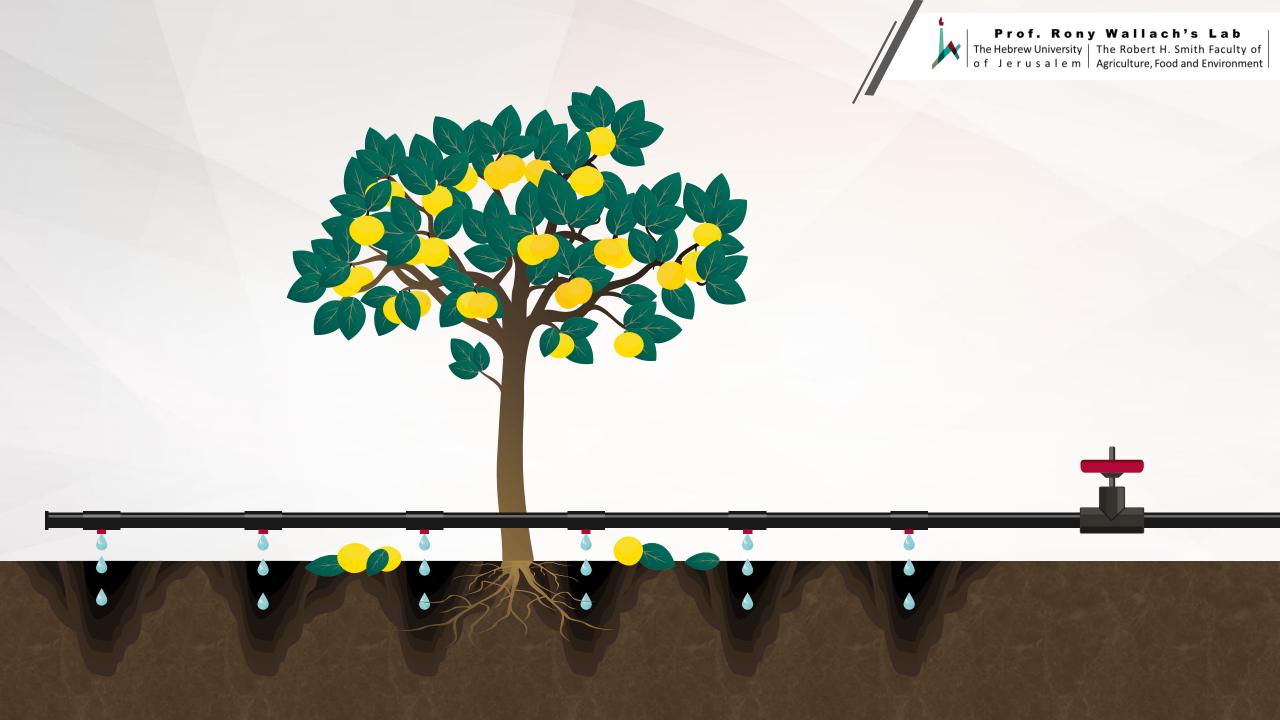
















Thank you for listening

Questions?

Felix Ogunmokun

(Felix.Ogunmokun@mail.huji.ac.il)

Ogunmokun, F. A., and R. Wallach (2021), Remediating the Adverse Effects of Treated Wastewater Irrigation by Repeated On-Surface Surfactant Application, *Water Resour. Res.*, *57*(6), doi:10.1029/2020wr029429.

Ogunmokun, F. A., Z. Liu, and R. Wallach (2020), The influence of surfactant-application method on the effectiveness of water-repellent soil remediation, *Geoderma*, *362*, doi:10.1016/j.geoderma.2019.114081.