



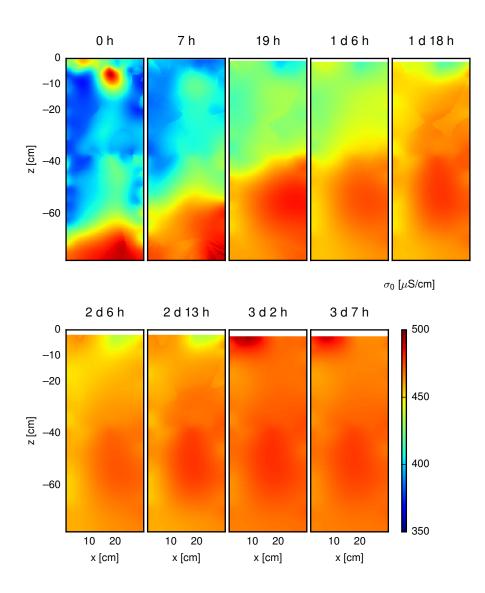
## Supplement of

## Multi-frequency electrical impedance tomography as a non-invasive tool to characterize and monitor crop root systems

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Supplement 1: Spatial distribution of the DD-derived parameter  $\sigma_0$  for selected time steps. The top boundary is adjusted according to the estimated water table for each measurement time.