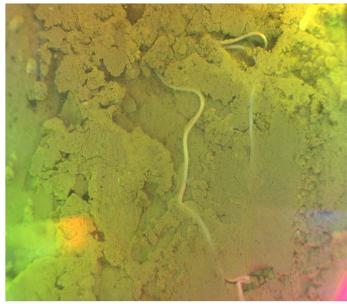
DeepRootLab

A unique field facility for testing deep roots' potential



Minirhizotron – deep root imaging



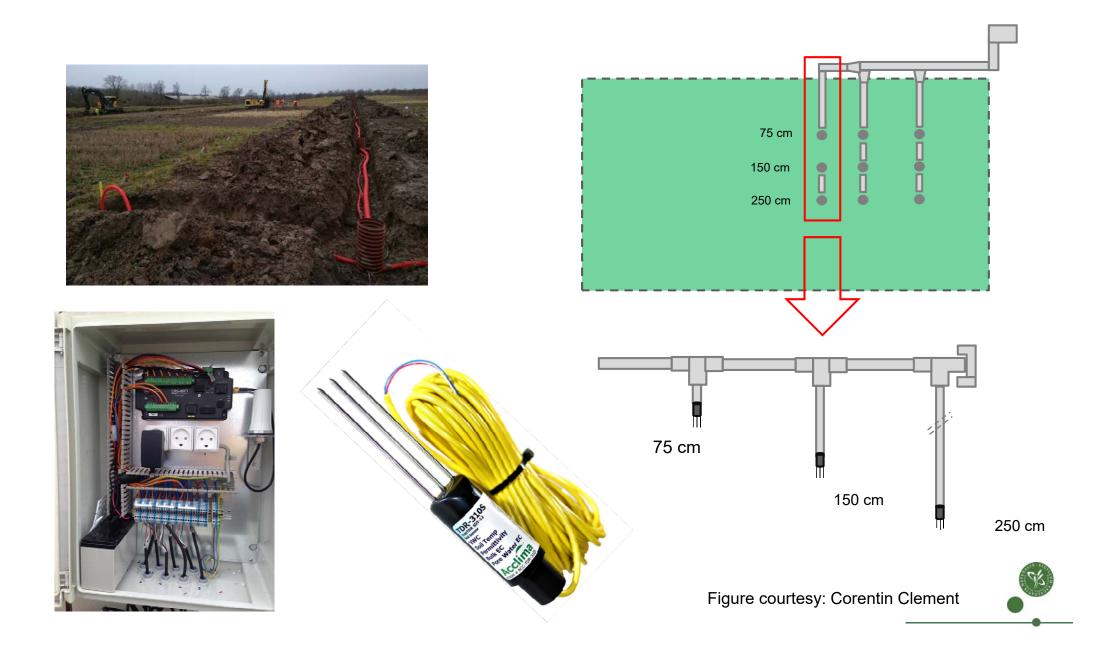


Chicory roots at 2.8 m taken in 2016. Image size 50 x 40 mm



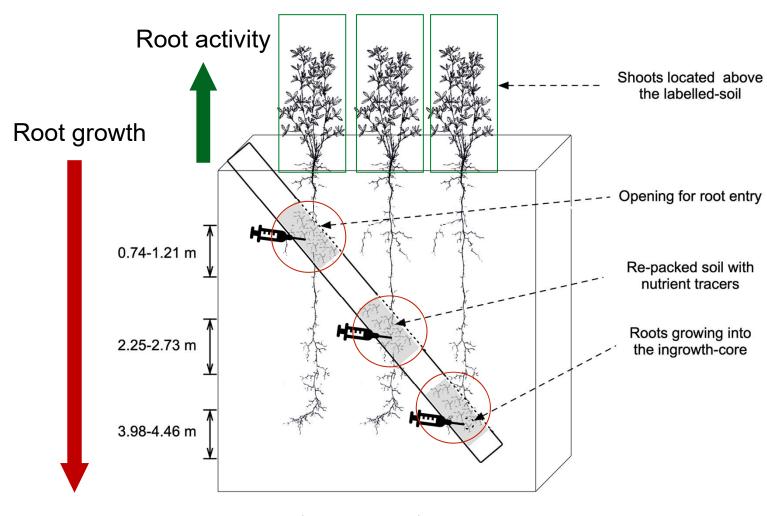


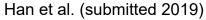
Sensor - deep water uptake



Access tube + Ingrowth-core

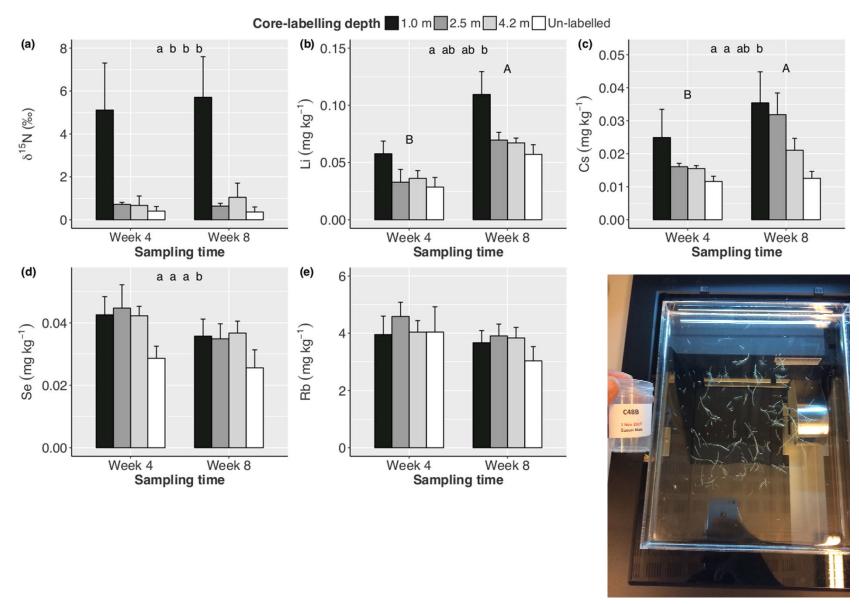
3 isotopes: ¹⁵N, ³³P, ²H₂ 5 nutrient analogues: Li, Cs, Se, Rb, Sr







Nutrient uptake potential as affeed by depth and time







Thank you





