Investigating the impact of extreme weather events on plant available nitrogen using microdialysis





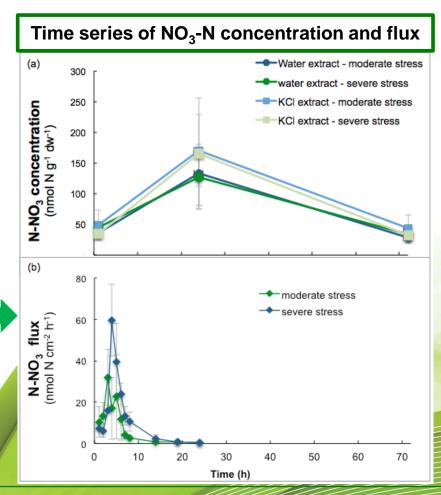
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Research questions

- (1) How does rewetting after drought influence concentrations of plant available nitrogen?
- (2) What are the differences in N availability between different precipitation manipulations?

Preliminary results

- Increase of nitrate after the irrigation
- Decline after eight hours evident for microdialysis sampling
- Higher ammonium content in extracts
- Higher nitrate content in microdialysis samples (significantly higher for the severe stress treatment)



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