precipitation
irrigation water
grass leaf phytoliths
FW ($\lambda_{\text{phyto-H}_2\text{O}} = 0.522$)
FW ($\lambda_{\text{phyto-H}_2\text{O}} = 0.524$)
predicted leaf water
GMWL

$17^O$-excess (per meg)

$\delta^{18}O$ (%)