

Table S1 Summary of non-significant experiment × treatment interaction across biomass traits. Values indicate the coefficient of correlation (R^2) of quadratic regression between soil moisture content and biomass-related traits.

Trait	Experiment × Treatment	A6659VT2RIB (R^2)		P1316YHR (R^2)	
		Experiment 1	Experiment 2	Experiment 1	Experiment 2
Total leaf area (cm ² plant ⁻¹)	ns	0.9	0.96	0.97	0.95
Shoot dry weight (g plant ⁻¹)	ns	0.95	0.98	0.97	0.98
Root dry weight (g plant ⁻¹)	ns	0.96	0.91	0.95	0.71
Total dry weight (g plant ⁻¹)	ns	0.97	0.99	0.99	0.99