

Appendix B. Effect of plot type, position (data logger above or below ground), season, and time of day (0000, 0600, 1200, 1600) on humidity relative to baseline category (Control, Above Ground, Fall) using the mgcv and gam packages for the Generalized Additive Model in R. Significant effects are indicated by P-values in bold.

Plot	Position	Season	Time?	Effect (%)	P-value
Treatment	Above	Fall	—	-3.445	0.078
Control	Below	Fall	—	-21.15	< 0.001
Control	Above	Fall	Yes	-11.18	< 0.001
Control	Above	Spring	—	3.680	0.042
Control	Above	Summer	—	-30.73	< 0.001
Control	Above	Winter	—	19.69	< 0.001
Treatment	Below	Fall	—	10.62	< 0.001
Treatment	Above	Fall	Yes	-0.473	0.508
Control	Below	Fall	Yes	12.12	< 0.001
Treatment	Above	Spring	—	-5.285	0.027
Treatment	Above	Summer	—	-2.724	0.267
Treatment	Above	Winter	—	-1.387	0.555
Control	Below	Spring	—	5.784	0.002
Control	Below	Summer	—	20.94	< 0.001
Control	Below	Winter	—	-1.787	0.324
Control	Above	Spring	Yes	-3.134	< 0.001
Control	Above	Summer	Yes	1.030	0.128
Control	Above	Winter	Yes	1.221	0.059
Treatment	Below	Fall	Yes	0.421	0.567
Treatment	Below	Spring	—	3.782	0.127
Treatment	Below	Summer	—	8.480	0.001
Treatment	Below	Winter	—	-3.788	0.119
Treatment	Above	Spring	Yes	0.885	0.311
Treatment	Above	Summer	Yes	1.934	0.003
Treatment	Above	Winter	Yes	5.429	0.617
Control	Below	Spring	Yes	3.501	< 0.001
Control	Below	Summer	Yes	-0.003	0.969
Control	Below	Winter	Yes	-1.712	0.010
Treatment	Below	Spring	Yes	-1.390	0.125
Treatment	Below	Summer	Yes	-2.909	0.002
Treatment	Below	Winter	Yes	-0.396	0.656