

Supplemental Data for:

Holland, T.C., P. Bowen, C. Bogdanoff, and M. Hart. 2014.

Arbuscular mycorrhizal fungal communities associated with *Vitis vinifera* vines under different frequencies of irrigation.
Am. J. Enol. Vitic. 65:222-229. doi: 10.5344/ajev.2014.13101.**Supplemental Table 1** Eigenvectors of soil chemistry variables included in principal component analysis (PCA). Values are coefficients in the linear combinations for the variables, showing their contribution to the PC axes.

Variable	PC1	PC2	PC3	PC4	PC5
Al	-0.432	0.162	-0.227	-0.235	0.202
B	0.229	-0.462	0.272	-0.028	0.113
C	-0.301	-0.231	0.456	-0.197	-0.304
Cu	-0.147	-0.219	-0.455	0.730	-0.281
Fe	-0.464	-0.052	-0.185	-0.205	0.177
Na	-0.447	-0.051	-0.039	0.123	0.410
S	0.290	-0.358	-0.292	-0.151	0.541
Zn	-0.338	-0.438	-0.001	-0.156	-0.331
pH	-0.181	-0.065	0.561	0.511	0.417
PO ₄	0.050	-0.574	-0.153	-0.079	0.012

Supplemental Table 2 Eigenvectors of vine physiological variables included in principal component analysis (PCA). Values are coefficients in the linear combinations for the variables, showing the strength of their contribution to the PC axes that were used in PERMANOVA analyses.

Variable	PC1	PC2	PC3	PC4	PC5
Berry yield	0.095	-0.777	0.018	0.470	0.407
Vine shoot length	0.581	-0.331	0.196	-0.054	-0.715
Leaf dry weight	0.445	0.528	0.040	0.718	0.074
Photosynthesis	-0.622	-0.070	-0.190	0.505	-0.563
Stomatal conductance	0.261	-0.046	-0.961	-0.072	-0.024