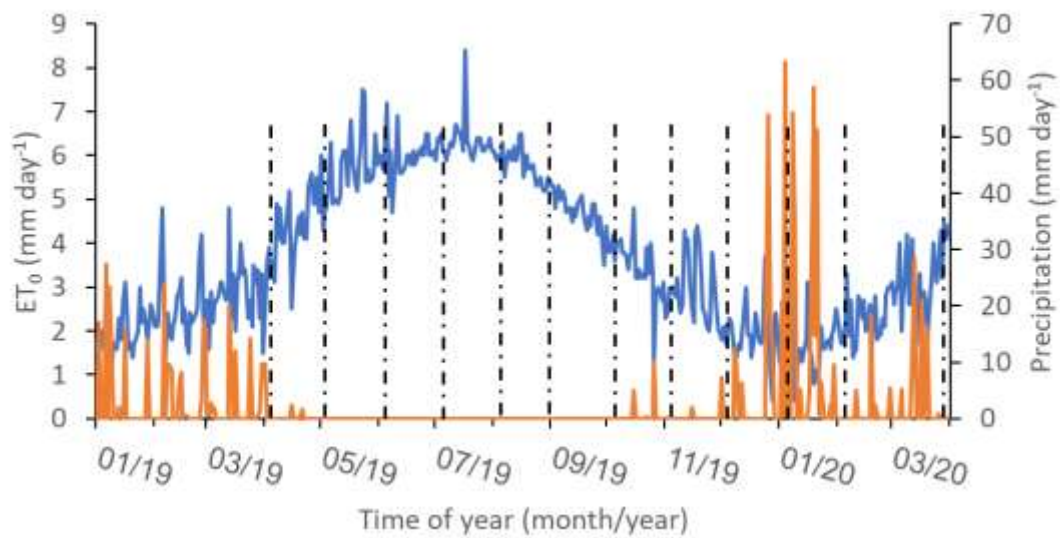
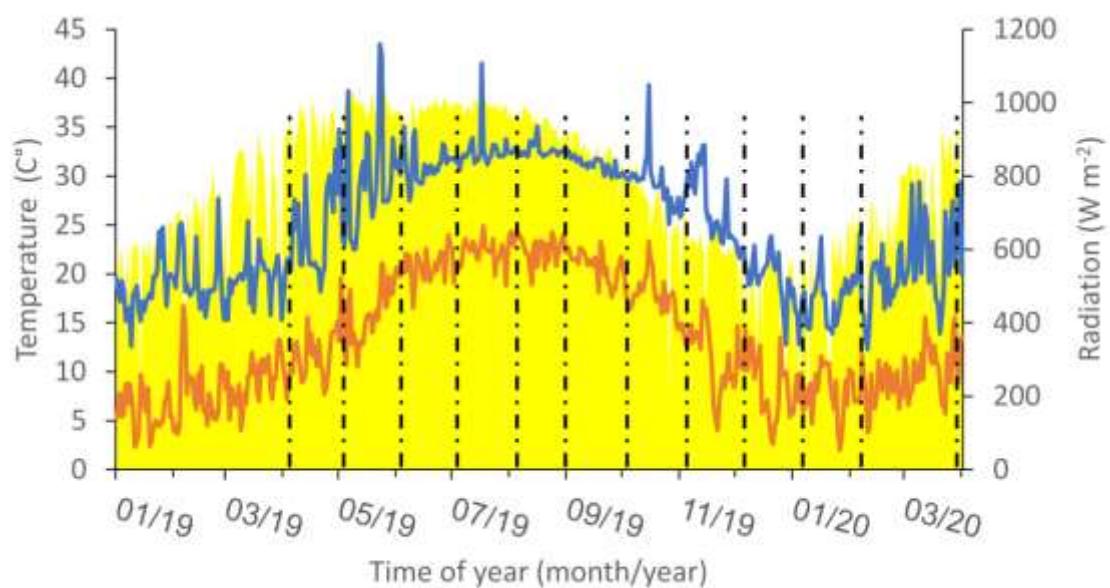


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3 Fig. S1 Precipitation (orange) and Penman (blue) values during the experiment. The dashed
 4 lines point the 12 measurement days along the year Data was collected from the closest
 5 meteorological weather station (<https://ims.gov.il>) in Beit dagan located 2.26 km from the
 6 experimental site.



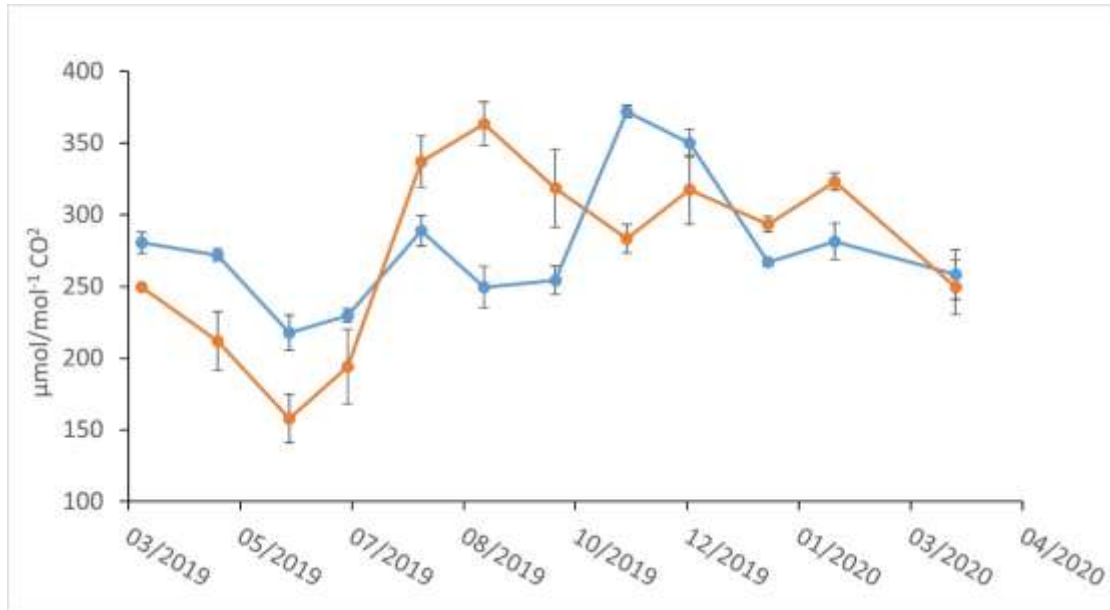
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9 Fig. S2 Daily maximum (blue) and minimum (orange) temperature values during the
 10 experiment together with the maximal daily radiation (yellow). The dashed lines point the 12
 11 measurement days along the year. Data was collected from the closest meteorological weather
 12 station (<https://ims.gov.il>) in Beit dagan located 2.26 km from the experimental site.

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16 Figure S3. Daily morning (blue) and afternoon (orange) Sub cuticular carbon concentration
17 (C_i) during the experiment in the morning and the afternoon along the experiment. Data are
18 means \pm SE, $n=4$. Statistical analysis of the data is presented in supplementary file S1.

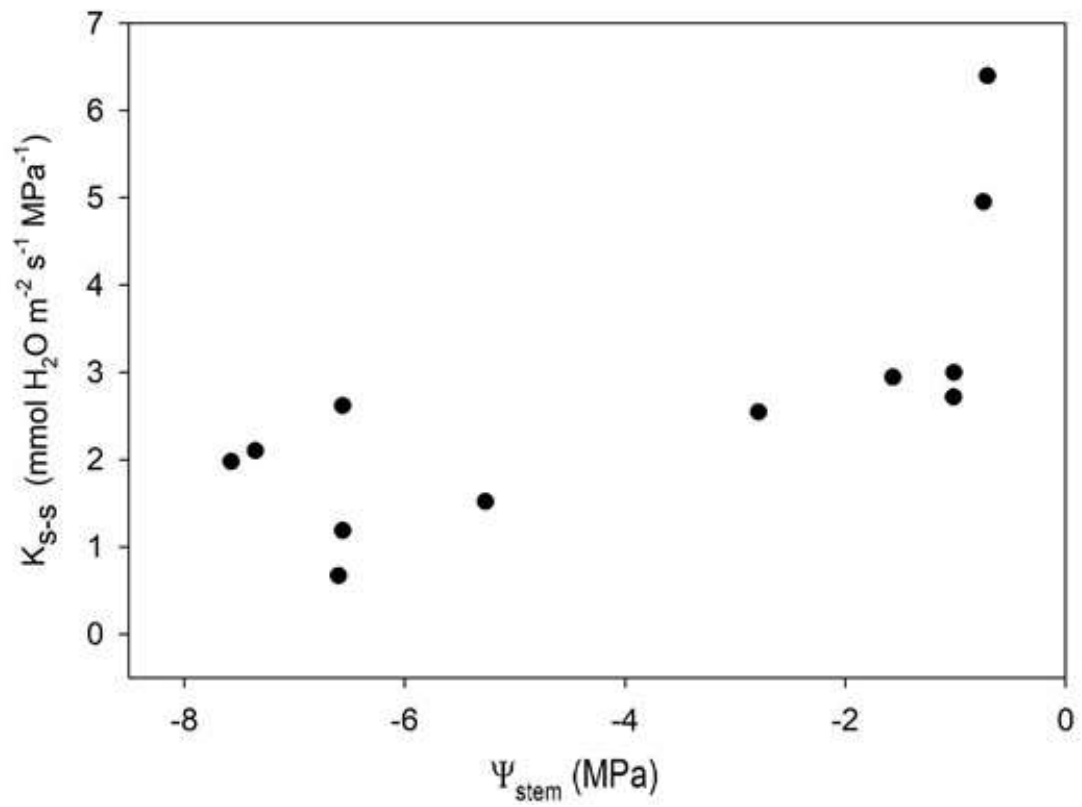
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27 Fig S4. The hydraulic conductivity between the soil and the stem (K_{s-s}) as function of stem
28 water potential (Ψ_s) along the experiment in the 'Arbequina' CV. Data are means, n=4.

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