

# Field Investigation into Tree Fates from Recent Apple Tree Decline: Abrupt Hydraulic Failure Versus Gradual Hydraulic Loss

**Supplementary table S1.** T-sum and moisture during May 1 – September 15 in 2019 and 2020 in the weather stations in proximity of the study sites.

Study site	Weather station in proximity	T-sum (°C)			Moisture deficit (mm)		
		2019	2020	Historical average	2019	2020	Historical average
A	Summerland North	2404.65	2394.25	2458.18	611	625	634
S	Summerland EC	2652.45	2548.9	2503.32	554	559	585
C	Cawston	2697.18	2506.99	2631.42	608	590	615
M, P	Summerland South	2593.71	2580.6	2538.29	581	598	583

Note: Data were obtained from the data sets of weather stations in proximity of the study sites from farmwest.com. T-sum is accumulated mean daily temperatures above 0 °C. Moisture deficit is evapotranspiration minus effective precipitation. Historical average is the mean of 1971-2020.