

Table S1. Different macro and micronutrient concentrations (pre-planting) at USSC and EREC locations.

	USSC	EREC
pH	6.2	6.6
Pm ₃ (g m ⁻³)	102	244
K (g m ⁻³)	68	180
Ca (g m ⁻³)	5031	8284
Mg (g m ⁻³)	615	1116
Si (g m ⁻³)	105	56

Pm₃ – Mehlich 3 extracted phosphorous, K – potassium,

Ca – calcium, Mg – magnesium, and Si – silicon.

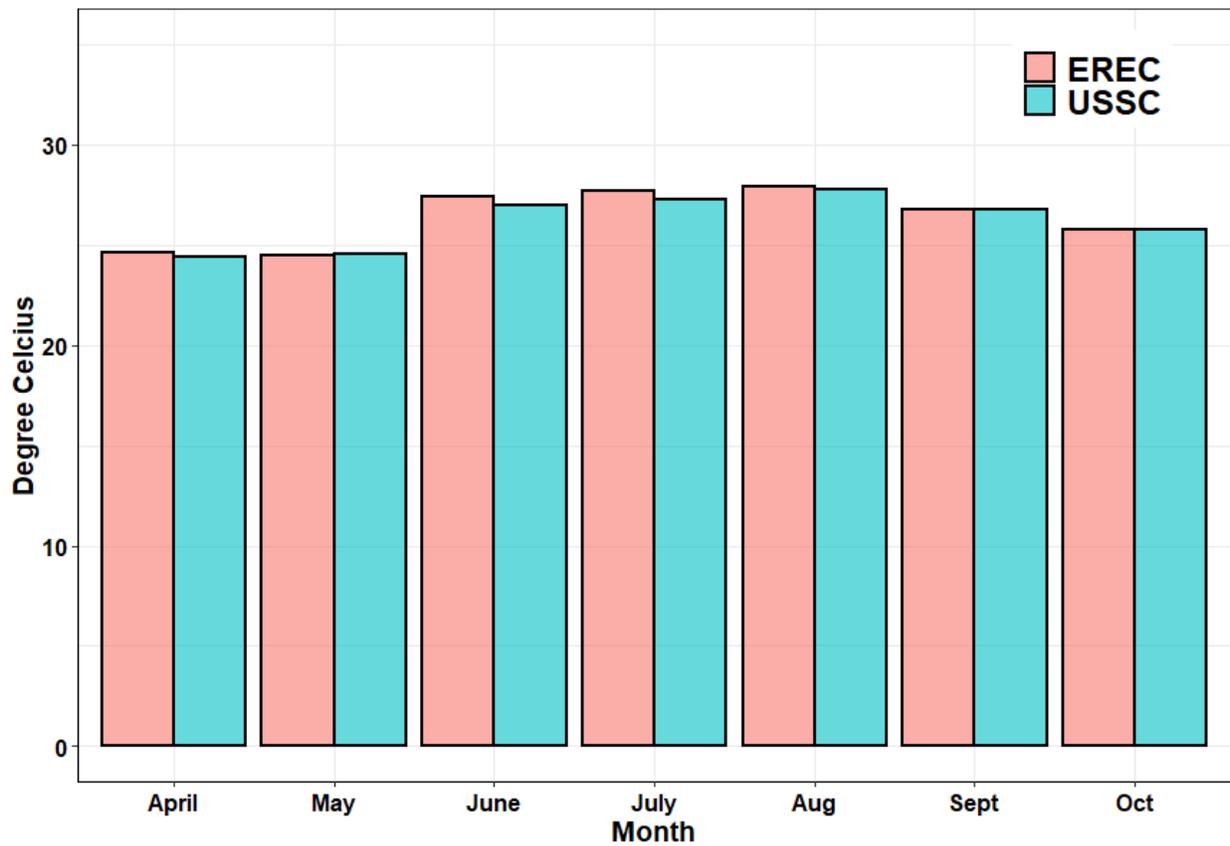


Figure S1. Monthly average air temperature during the growing season in 2020 at USSC and EREC locations.

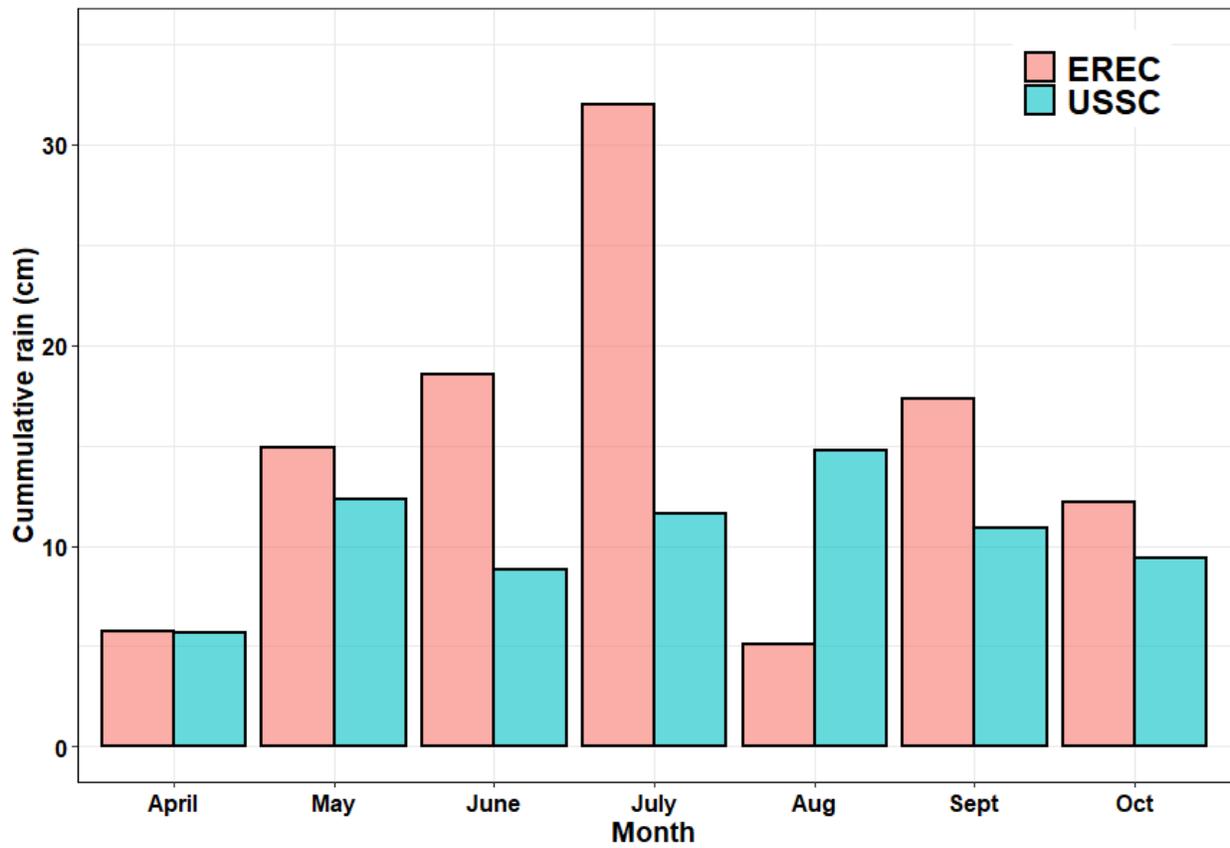


Figure S2. Monthly cumulative rainfall during the growing season in 2020 at USSC and EREC locations .