

**Table S17 Heritability estimates for canopy temperature.** Estimates of broad-sense heritability ( $\hat{H}^2$ ) on an entry-mean basis for canopy temperature for the TM-1×NM24106 recombinant inbred line (RIL) population evaluated under two irrigation regimes, water-limited (WL) and well-watered (WW).

Year	DOY <sup>a</sup>	Irrigation Regime	$\hat{H}^2$
2010	217	WL	0.78
		WW	0.72
	224	WL	0.81
		WW	0.66
	231	WL	0.66
		WW	0.58
2011	188	WL	0.82
		WW	0.54
	195	WL	0.84
		WW	0.65
	202	WL	0.81
		WW	0.39
	216	WL	0.86
		WW	0.78
	223	WL	0.92
		WW	0.85
	230	WL	0.90
		WW	0.89
	237	WL	0.85
		WW	0.87
	244	WL	0.85
		WW	0.88
251	WL	0.79	
	WW	0.89	
2012	201	WL	0.89
		WW	0.71
	208	WL	0.86
		WW	0.73
	215	WL	0.86
		WW	0.81
	222	WL	0.90
		WW	0.83
	243	WL	0.91
		WW	0.86
250	WL	0.87	
	WW	0.80	
258	WL	0.87	
	WW	0.74	

a. DOY, Day of year – Julian calendar.