Table S1: Relative performance indices (Yr) for CC and CH used for GWAS, with their average and SD over all 395 accessions observed in Vleugels *et al.* [22].

Period	DOY	Yr (μ ± SD) for		Cut
		CC	CH	
Year 1				
Drought period	165	0.19 ± 0.02	0.31 ± 0.09	
	178	0.44 ± 0.11	0.37 ± 0.09	Cut 2
1st recovery period	198	0.30 ± 0.17	0.35 ± 0.07	
	205	0.28 ± 0.12	0.59 ± 0.09	
	218	0.15 ± 0.06	0.35 ± 0.12	
	225	0.22 ± 0.06	0.07 ± 0.16	Cut 3
2nd recovery period	238	0.12 ± 0.12	-0.59 ± 0.09	
	245	0.19 ± 0.09	0.09 ± 0.05	
Year 2				
Drought period	175	0.26 ± 0.08	-0.10 ± 0.14	
	189	0.27 ± 0.09	0.33 ± 0.09	
	195	0.14 ± 0.10	0.22 ± 0.10	Cut 2
1st recovery period	212	0.45 ± 0.09	0.27 ± 0.10	
	220	0.29 ± 0.08	0.31 ± 0.10	
	225	0.17 ± 0.08	0.21 ± 0.10	
	245	0.01 ± 0.03	-0.04 ± 0.11	Cut 3
2nd recovery period	258	0.06 ± 0.11	-2.75 ± 0.24	

DOY: day-of-year; CC: canopy cover; CH: canopy height; Yr: relative performance index; SD: standard deviation. Cuts are indicated with horizontal lines and drought periods are shaded.