513

514

515

516

517

518

Table S3. Estimates of entry variance (σ_g^2), entry-by-measures interaction variance (σ_i^2) and predicted mean of genotypes ($\bar{y}$) evaluated in single location repeated-measures analysis for percent living ground cover (%GC), dark green color index (DGCI), canopy height (CH) and turfgrass quality (TQ).

	Citra			
Parameter	**%GC**	**DGCI**	**CH**	**TQ**
σ_g^2	0.70*	0.00007*	0.37*	0.07ns
σ_i^2	0.63*	0.00004*	0.07ns	-
$\bar{y}$	21.47	0.61	5.23	5.94
	Raleigh			
Parameter	**% GC**	**DGCI**	**CH**	**TQ**
σ_g^2	0.00ns	-	0.33ns	0.11*
σ_i^2	0.97 ns	-	0.87*	0.00ns
$\bar{y}$	34.74	-	6.50	2.86
	Tifton			
Parameter	**% GC**	**DGCI**	**CH**	**TQ**
σ_g^2	0.00ns	0.00006*	0.45*	0.00ns
σ_i^2	2.77*	0.00000ns	0.00ns	0.03*
$\bar{y}$	25.75	0.73	6.85	3.39

523   * and ns, significant and non-significant by LRT at 0.05 probability level, respectively.