

Table 8 Elite specific combinations for yield and its components

Specific combinations	SCA effect
Yield/plot	
$L_6(-0.452) \times T_1(-0.085)$	0.590
$L_8(-0.244) \times T_1(-0.085)$	0.389
$L_{14}(-0.065) \times T_2(0.093)$	0.366
$L_{10}(0.302) \times T_3(-0.009)$	0.277
$L_1(-0.101) \times T_3(-0.009)$	0.273
Kernel rows/ear	
$L_7(-0.716) \times T_1(-0.449)$	0.716
$L_{11}(1.484) \times T_1(-0.449)$	0.716
$L_5(-2.916) \times T_3(0.378)$	0.689
$L_{14}(0.018) \times T_2(0.071)$	0.662
Kernels/row	
$L_6(-2.184) \times T_1(0.409)$	3.691
$L_7(-0.018) \times T_1(0.409)$	3.324
$L_{10}(-0.318) \times T_3(-1.091)$	2.424
$L_{15}(0.282) \times T_2(0.682)$	2.351
$L_{11}(0.082) \times T_3(-1.091)$	2.324
Ear length	
$L_7(-0.911) \times T_1(-0.325)$	1.859
$L_{14}(-1.327) \times T_2(0.737)$	1.263
$L_2(1.534) \times T_1(-0.325)$	1.197
Ear diameter	
$L_7(-0.156) \times T_1(-0.085)$	0.331
$L_{14}(0.244) \times T_2(0.084)$	0.293
$L_6(-0.260) \times T_1(-0.085)$	0.235
$L_2(0.124) \times T_3(0.001)$	0.216

Note: Value in parenthesis represents GCA effect