

Table 2 ANOVA for combining ability

Source	D.F.	Mean sum of squares										
		Days to 50% tassel	Days to 50% silk	Plant height (cm)	Ear height (cm)	Ear length (cm)	Ear diameter (cm)	Number of rows/ear	Number of kernel/row	100 kernels weight (g)	Yield/ plant (g)	Yield/plot (kg)
Replication	2	1.02	0.56	279.25	188.09	0.76	0.001	0.008	3.81	5.30	170.85	0.050
Line	14	25.68**	18.05**	1095.38**	917.60**	7.47**	0.311**	19.19**	28.27*	60.73**	1602.04*	0.473*
Tester	2	10.78*	25.45**	1668.96**	917.91**	18.41**	0.319**	7.85**	41.02*	12.19	3739.50**	0.357
Line ×Tester	28	2.83**	2.65**	67.97**	92.65**	2.52**	0.084**	0.658**	10.90**	14.36**	654.07**	0.200**
Error	88	0.37	0.60	24.36	20.48	1.00	0.02	0.21	3.24	0.90	164.06	0.053

Note: *: Significant at 5% level of significance; **: Significant at 1% level of significance