Level of heterosis and its use in okra breeding

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SUMMARY
A Line X Tester analysis in okra (*Abelmoschus esculentus* L. Moench) was carried out with six lines and three testers, to estimate the heterosis for ten characters. All the characters studied indicated the scope for heterosis breeding in crop improvement in okra. The hybrid *L₆ X T₂* (Mohanoor local X Parbhani kranti) and *L₁ X T₃* (TCR 2056 X Punjab Padmini) exhibited highest heterotic value for seed yield per plant. *L₆ X T₂* (Mohanoor local X Parbhani kranti) was found to be the superior hybrid among the eighteen studied.

Key words : Okra, Heterosis breeding, Line X tester analysis, Okra Breeding

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