

Table 3 Ranking of three desirable hybrids on the basis of *per se* performance, standard heterosis and heterobeltiosis for various yield and yield contributing characters in okra

Characters	Desirable hybrids based on <i>per se</i> performance	Best hybrids over standard variety (Standard heterosis)	Best hybrids over better parent (Heterobeltiosis)
Days to first flowering	Thirumala Local×Punjab Phalgani Holavanalli Local×Mallapalli Local IC 1012-1×Kattakada Local	Thirumala Local×Punjab Phalgani	Holavanalli Local×Mallapalli Local IC 1012-1×Kattakada Local Thirumala Local×Kattakada Local
Leaf axil bearing first fruit	Halu Bhendi×Punjab Phalgani Holavanalli Local×Mallapalli Local Kunnapuzha Local×Mallapalli Local	Halu Bhendi×Punjab Phalgani Holavanalli Local×Mallapalli Local	Halu Bhendi×Punjab Phalgani Holavanalli Local×Mallapalli Local
Number of primary branches	Holavanalli Local×Mallapalli Local Kunnapuzha Local×Kattakada Local IC 1012-1×Kattakada Local	Holavanalli Local×Mallapalli Local Kunnapuzha Local×Kattakada Local IC 1012-1×Kattakada Local	–
Plant height (cm)	Holavanalli Local×Mallapalli Local Halu Bhendi×Mallapalli Local Thirumala Local×Mallapalli Local	Holavanalli Local×Mallapalli Local	–
Days to maturity	Holavanalli Local×Kattakada Local IC 1012-1×Punjab Phalgani IC 1012-1×Kattakada Local	Holavanalli Local×Kattakada Local IC 1012-1×Punjab Phalgani IC 1012-1×Kattakada Local	Holavanalli Local×Kattakada Local Holavanalli Local×Punjab Phalgani Holavanalli Local×Mallapalli Local
Number of fruits per plant	Holavanalli Local×Mallapalli Local Thirumala Local×Kattakada Local Kunnapuzha Local×Punjab Phalgani	Holavanalli Local×Mallapalli Local Thirumala Local×Kattakada Local Kunnapuzha Local×Punjab Phalgani	Holavanalli Local×Mallapalli Local
Fruit weight (g)	Holavanalli Local×Mallapalli Local Thirumala Local×Kattakada Local Kunnapuzha Local×Punjab Phalgani	Holavanalli Local×Mallapalli Local Thirumala Local×Kattakada Local Kunnapuzha Local×Punjab Phalgani	Thirumala Local×Kattakada Local Holavanalli Local×Mallapalli Local
Fruit length (cm)	Thirumala Local×Kattakada Local Holavanalli Local×Mallapalli Local Thirumala Local×Punjab Phalgani	Thirumala Local×Kattakada Local Holavanalli Local×Mallapalli Local Thirumala Local×Punjab Phalgani	Halu Bhendi×Punjab Phalgani Kunnapuzha Local×Punjab Phalgani Thirumala Local×Kattakada Local
Fruit girth (cm)	Thirumala Local×Kattakada Local Holavanalli Local×Mallapalli Local Thirumala Local×Mallapalli Local	Thirumala Local×Kattakada Local Halu Bhendi×Mallapalli Local Thirumala Local×Mallapalli Local	Halu Bhendi×Mallapalli Local
Yield per plant (g)	Holavanalli Local×Mallapalli Local Thirumala Local×Kattakada Local Kunnapuzha Local×Punjab Phalgani	Holavanalli Local×Mallapalli Local Thirumala Local×Kattakada Local Thirumala Local×Punjab Phalgani	Holavanalli Local×Mallapalli Local Thirumala Local×Kattakada Local