



RESEARCH ARTICLE : Performance of tomato (*Solanum lycopersicum* L.) hybrids suitable during *Kharif* for northern Telangana Zone

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SUMMARY : Investigation on performance of different tomato F₁ hybrids under northern Telangana conditions was carried out among twelve different hybrids (*viz.*, BSS-3000, Priya-6636, US - 618, Himsona, Annapurna, Lakshmi, Abhinava, US -404, Hy-Lyco, Arka Abhijit, Arka Ananya and Arka Shreshta, during the *Kharif* seasons of 2010-11, 2011-12 and 2012-13. The Anova revealed that there existed significant differences among the hybrids for all the characters studied (except for days taken to flowering and duration of fruiting) when analysed for individual years and also when pooled over the years. It was found that the average significant maximum plant height was recorded in Priya followed by Himsona. The significant average number of branches plant⁻¹ were maximum in Arka Shreshta followed by Arka Ananya. There was no significant difference for days taken to flowering and duration of fruiting among the hybrids. The significant maximum average number of fruit plant⁻¹ was recorded in Abhinava and the significant highest mean yield was obtained from Abhinava.

KEY WORDS :

Tomato hybrids, BSS-3000, Priya-6636, US - 618, Himsona, Annapurna, Lakshmi, Abhinava, US -404, Hy-Lyco, Arka Abhijit, Arka Ananya, Arka Shreshta, Fruit yield

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