



Research Article

Evaluation of brinjal (*Solanum melongena* L.) hybrids for growth and yield characters under rainfed mid hill condition of Uttarakhand

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ABSTRACT : Eight brinjal hybrids/varieties namely PPL-74, Chaya, Surya kiran, Nishant, Pant Samrat, PB-5, PB-67 and Pant Rituraj were evaluated in Research Farm of Department of Vegetable science, College of Forestry and Hill Agriculture Ranichauri, Distt Tehri Garhwal, Uttarakhand. The experiment was conducted during summer-rainy season and data were averaged of two consecutive years, respectively 2011-2012 and 2012-2013. The experiment was arranged in Randomized Complete Block Design with 3 replications. PPL-74 took the shortest period of days to flowering and first harvest with an average of 45 to 55 days after transplanting, respectively. The mean of two successive year PPL-74 was found superior over rest of other hybrids with respect to most of desirable characters fruit length (22.05 cm), fruit stalk length (6.98 cm), plant spread (126.16 cm), marketable fruit yield (712.96 t/ha), while minimum values for most of the parameters were observed in PB-67 and Chaya proved the 2nd best hybrids in respect to the most of characters.

KEY WORDS : Brinjal, Rainfed mid hill condition, Varieties/hybrids

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