

**Title** Evaluation of tomato hybrids for their growth, yield and postharvest quality characteristics

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### **Abstract**

In recent years use of hybrid vegetable seeds and plasticulture in Punjab, Pakistan is becoming more and more popular among the farming community due to their earliness and high yield. Present studies were systematically designed to evaluate the best hybrid for their growth, yield and postharvest attributes, longer shelf life, appropriate maturity stage (mature green, half ripe and red ripe) for storage, and to standardize with and without the use of polyethylene packaging bags. The experiments were carried out as a completely randomized design with factorial arrangements. It was concluded that both the tomato hybrids, Jury and Bebop had high survival percentage (98%) while the maximum leaf size was observed in Jury. Plant height, leaves plant<sup>-1</sup>, total number of fruits plant<sup>-1</sup>, yield plant<sup>-1</sup>, Vitamin C, total soluble solids (Bo), titratable acidity(%) was maximum in the Bebop While weight loss was least in hybrid Bebop during storage. Vitamin C was less in polyethylene packaging material and total soluble solids and titratable acidity decreased at all stages of maturity in both the hybrids.