

Evaluation of capsicum varieties under polyhouse conditions

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ABSTRACT

Protected cultivation is gaining importance in the recent past, owing to its perpetual demand throughout the year. Polyhouse production has already been proven as profitable and production under protection has attracted much attention in recent years. Hence, a study was carried out to evaluate the performance of capsicum varieties under polyhouse conditions. The study revealed that all varieties were suitable for growing under polyhouse conditions. Among the three varieties, the variety Arka Mohini recorded increased fruit weight (199.6 gm) and length of the fruit (10.54 cm). In case of Arka Bharat, the girth of the fruit was high (17.70 cm) followed by Arka Mohini (15.50 cm) but it recorded the lowest individual fruit weight of 83.82 gm. The variety Arka mohini also registered an increased yield of 1.204 kg/plant followed by Arka Gaurav (0.678 kg/plant) and Arka Bharat (0.403 kg/plant). The increase in yield was due to increase in fruit length, fruit weight and fruit girth etc.

Key words : Capsicum, Evaluation, Varieties, Polyhouse