

Influence of Stage of Bud for Emasculation and Number of Pollination on Seed Yield and Quality in Tomato Hybrid Seed Production

R B Jolli, D Lakhmana and A S Sajjan
University of Agricultural Sciences, Dharwad

ABSTRACT

The present investigation was carried out at Regional Agricultural Research Station, Bijapur, (Karnataka) during 2007-08. The treatments included were selection of two different stages of bud for emasculation (S_1 -less than 50% opened bud stage, S_2 -more than 50% opened bud stage) and number of pollinations (one time pollination (morning), two time pollination (morning + evening) and three time pollination (morning + evening + next day morning). It was observed that more than 50% opened bud stage (full matured) recorded significantly higher fruit, seed yield and quality as compared to other treatments and number of pollinations.

Key words : Anther, Bud stage, Emasculation, Fruit set percentage, Pollination