

Effect of foliar application of micronutrients on flowering and fruit set of tomato (*Lycopersicon esculentum* Mill.) cv. PHULE RAJA

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ABSTRACT

The flowering parameters like days required for initiation and 50 per cent flowering, number of clusters, number of flowers, total number of flowers and fruit setting percentage per plant were influenced significantly due to different treatments. The minimum number of days (30.00) for initiation of flowering and 50 % flowering (38.86) were recorded with Boron 50 ppm and 100 ppm while the maximum number of days were recorded in control. The treatment Boron 100 ppm + Iron 200 ppm + zinc 200 ppm was most effective in increasing number of clusters (13.85) and number of flowers (51.24) per plant. Maximum number of flowers (3.80) per cluster and per cent fruit setting (47.76 %) was recorded with boron 50 ppm + Iron 100 ppm + zinc 100 ppm, while minimum was recorded in control.

Key words : Micronutrients, Foliar application, Tomato, Flowering, Cluster, ppm.

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