

## RESEARCH ARTICLE

# Effect of zinc and boron on growth of brinjal (*Solanum melongena* L.)

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### SUMMARY

A micronutrient is the essential element for plant growth and development. Present study aimed to explore in detail the effect of zinc and boron on growth, yield and quality of brinjal (*Solanum melongena* L.). The experiment consisted of 9 treatments laid out Completely Randomized Design with three replications. The individual treatment of 5 mg zinc, 10 mg zinc, 5 mg boron and 10 mg boron and treatment combinations 5 mg Zn + 5 mg B, 5 mg Zn + 10 mg B, 10 mg Zn + 5 mg B and 10 mg Zn + 10 mg B per kg soil was given in brinjal pots, the growth parameters like plant height, number of leaves, number of branches, number of flowers and yield parameters like maximum number of fruits per plant was obtained in brinjal influenced by combination of treatments T<sub>8</sub> (10 mg Zn + 10 mg B) and was significantly superior at 5 per cent over rest of the treatments.

**Key Words :** Boron, Zinc, *Solanum melongena* L., Quality

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