THE ASIAN JOURNAL OF HORTICULTURE
Volume **8** | Issue 2 | December, 2013 | 677-679

Research Paper

Article history **:**
Received : 24.08.2013
Revised : 06.10.2013
Accepted : 23.10.2013

Response of foliar application of micro-nutrients on yield and economics of bitter gourd (*Momordica charantia* L.)

■ **B.C. PATIL, LAXMAN A. PADANAD[1], K.H. YASHVANTKUMAR[1], J.B. GOPALI[1]** AND **SOUMYA SHETTY[1]**

Members of the Research Forum

Associated Authors:
[1]Regional Horticultural Research and Extension Centre, DHARWAD (KARNATAKA) INDIA

Author for correspondence :
B.C. PATIL
Regional Horticultural Research and Extension Centre, DHARWAD (KARNATAKA) INDIA
Email : aicviphrsd@gmail.com

ABSTRACT : A field experiment was carried out to study the response of foliar application of micro nutrients on the productivity and economic feasibility in bitter gourd during 2010-11, 2011-12 and 2012-13 at the All India Co-ordinated Vegetable Improvement Project in the Regional Horticultural Research and Extension Center, Dharwad. The results based on three years pooled data revealed that, out of nine different treatments, the application of boric acid @100ppm sprayed at 30 and 40 DAS(Days after sowing)resulted in maximum number of fruits per plant (16.48) and fruit weight (91.72g).The same treatment recorded highest fruit yield/plant (15.51 kg) and fruit yield (10.6 t/ha) ,with maximum B:C ratio of (1:1.79). Followed by the next best treatment, mixture of micro-nutrients (Bo + Zn + Mn + Cu + Fe @100ppm and Mo @ 50ppm) recorded fruit yield of (9.89 t/ha) with B:C ratio of (1:1.57) differed significantly from the control.

KEY WORDS : Bitter gourd, Micronutrients, Foliar application, Growth, Yield

HOW TO CITE THIS ARTICLE : Patil, B.C., Padanad, Laxman A., Yashvantkumar, K.H., Gopali, J.B. and Shetty, Soumya (2013). Response of foliar application of micro-nutrients on yield and economics of bitter gourd (*Momordica charantia* L.). *Asian J. Hort.*, **8**(2) : 677-679.