



**Article history :**

Received : 13.01.2015

Revised : 23.10.2015

Accepted : 08.11.2015

## Association and path co-efficient analysis among yield and its components in bitter gourd (*Momordica charantia* L.)

■ HEMANT KUMAR SINGH AND D.R. SINGH<sup>1</sup>

**Members of the Research Forum**

**Associated Authors:**

<sup>1</sup>Post Graduate College, GHAZIPUR  
(U.P.) INDIA

**Author for correspondence :**

**HEMANT KUMAR SINGH**

Post Graduate College, GHAZIPUR  
(U.P.) INDIA

**ABSTRACT :** Correlation and path analysis were carried out in order to quantify the contribution of explanatory characters towards yield for bitter gourd cultivation. The characters like number of fruits per plant and fruit length had significant and positive correlation with yield. Number of fruits per plant and average fruit weight had the highest positive direct effect on fruit yield per plant.

**KEY WORDS :** Bitter gourd, Association, Path co-efficient

**HOW TO CITE THIS ARTICLE :** Singh, Hemant Kumar and Singh, D.R. (2015). Association and path co-efficient analysis among yield and its components in bitter gourd (*Momordica charantia* L.). *Asian J. Hort.*, **10**(2) : 212-215.