

Character Association and Path Coefficient Studies in Ridge Gourd (*Luffa acutangula* (Roxb.) L.)

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ABSTRACT

Yield per vine in ridge gourd was significantly and positively associated with number of fruits per plant and the node number at which first female flower appeared, fruit volume and fruit weight. Path coefficient analysis revealed that number of fruits per vine, node number, at which first female flower appeared and fruit volume were the major yield contributing characters with high direct effects on yield per vine.

Keywords: Correlation, Path analysis, Ridge gourd.

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