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## Path co-efficient analysis in okra [*Abelmoschus esculentus* (L.) Moench]

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**ABSTRACT :** The study on direct and indirect effects of seventeen different growth, physiological and fruit related traits on yield of okra had revealed the presence of very high direct positive effect of fruit number on yield plant<sup>-1</sup>. The traits *viz.*, number of fruits plant<sup>-1</sup>, plant height and fruit weight were identified as the important yield determinants through path co-efficient analysis and these traits could be relied upon for selection of high yielding genotypes in okra. Leaf area index was found to be the second ranking trait with high positive direct effect followed by stem diameter. The indirect effect of fruit length as well as fruit girth on yield through fruit weight were also found to be positive, indicating their importance in exercising selection.

**KEY WORDS :** Okra, Direct effect, Indirect effect

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