



## Correlation and Path Coefficient Analysis of Yield Attributes in Okra (*Abelmoschus esculentus* (L.) Moench.)

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**Abstract:** At genotypic level, okra fruit yield per plant had direct and positive correlation with number of fruits, fruit length, fruit diameter and fruit weight in both  $F_2$  and  $F_3$  populations and plant height, number of branches in phenotypic level. In path coefficient analysis, fruit weight recorded highest direct effect (0.8852) followed by number of fruits per plant (0.3618), plant spread E-W (0.0837) and fruit length (0.0311) in  $F_2$  population. In  $F_3$  population, fruit weight recorded highest direct and positive effect (0.8732) followed by number of fruits per plant (0.3787) and plant height (0.0374).

**Key Words:** Biparental mating, Genotypic & phenotypic correlation, Okra, Path analysis

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