



## Correlation and Path Coefficient Analysis among Different Characters in Genotypes of Brinjal (*Solanum melongena* L.)

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**Abstract:** Marketable yield per plant, average fruit weight, fruits per plant, fruit circumference and primary branches per plant were significantly and positively associated with fruit yield both at phenotypic as well as genotypic levels, while negatively correlated with fruit length and total soluble solids. Inter relationship study revealed that for improvement of brinjal, marketable yield per plant, average fruit weight, fruits per plant, fruit circumference and primary branches per plant to be given due consideration. Path coefficient analysis revealed that marketable fruit yield per plant followed by unmarketable yield per plant exerted high positive direct effect at phenotypic level.

**Key Words:** Brinjal, *Solanum melongena*, Correlation and path analysis, Fruit yield

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