

- 564. Tyagi, P.C. and Koranne, K.D. 1988.** Correlation and path analysis in cowpea (*Vigna unguiculata* sub sp. *cylindrica*). *Indian J. agric. Sci.*, 58(1):567-571.

The investigation was undertaken to evaluate the association of seed yield of cowpea with its components. The correlation coefficients which had positive association with seed yield/plant were applied to work out path-coefficient analysis as per the procedure of Dewey and Lu (1959). It was revealed that genotypic correlation between seed yield and yield-contributing characters were higher than the phenotypic ones. Branches/plant and seeds/pod showed highly significant positive correlation with seed yield. Plant height and days to maturity also showed positive but non-significant association with yield. The 1,000-seed weight had non-significant negative correlation with yield. But for branches/plant and seeds/pod there was no significant positive or negative correlation among the characters other than yield.