

Correlation and Path Analysis in *Kabuli* Chickpea (*Cicer arietinum* L.)

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ABSTRACT

Thirty genotypes of *Kabuli* chickpea (*Cicer arietinum* L.) were grown during *rabi* 2006-07 and observations were recorded on 11 quantitative traits. Correlation indicated biological yield (g) expressed highest positive significant correlation with seed yield per plant followed by number of pods per plant, 100- seed weight (g), harvest index (%), plant height (cm) and days to maturity. Path coefficient analysis indicated high direct effects of biological yield per plant and harvest index with seed yield per plant. Therefore these characters should receive the highest priority in selecting high yielding plants in chickpea breeding.

Key words : Correlation, *Kabuli* Chickpea, Path Analysis