

## GENETIC DIVERSITY IN HYBRID PEA LINES ON THE BASIS OF MORPHOLOGY

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### ABSTRACT

24 genotypes were grown in the glass house of the university of Malakand for determination of morphological traits analysis. Out of these 7 genotypes shown tallest range up to 68 cm, while their root length reaches up to 15 cm. 10 genotypes were dwarf and reach up to 30 cm while the root length were below than 12cm.

Remain 7 genotypes were shown moderate growth. Plant length, stem length and mass, Root length and mass and root hairs were noted. These all findings were taken in 3 data and data were taken every 15 days. Morphological, cluster analysis and genetic variation were observed during statistical analysis and Dendrogram were divided into two major linkages e. g. L1 and L2.

**KEYWORDS:** Pisum Sativum, Glass House, Linkages, Morphological Traits & Variation