

Variability, Heritability and genetic advance in Tulsi (*Ocimum sanctum* L.)

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ABSTRACT

Heritability analysis was conducted for yield and its component traits in tulsi (*Ocimum sanctum* L.). Both additive and non-additive gene effects were present. Mean square due to lines, testers were also found significant for all the characters. In the investigation, a persual of heritability analysis indicated moderate to high heritability for almost all the characters under study. The characters with high heritability Dry herbage yield, spike length, plant height and Fresh herbage yield. As for as genetic advance is concern, the traits having high heritability coupled with high genetic advance is fresh herbage yield.

Key words : Variability, Heritability, Genetic advance, Tulsi

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