



Research Paper

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Variability studies in red flesh guava (*Psidium guajava* L.) genotypes for growth, yield and quality attributes

■ RAMESHWAR MEENA¹, G.M. WAGHMARE¹, KAMLESH DIWAN AND YOGESH VADAK¹

Members of the Research Forum

Associated Authors:

¹Department of Horticulture,
Marathwada Krishi Vidyapeeth,
PARBHANI (M.S.) INDIA

Author for correspondence :

KAMLESH DIWAN

Department of Horticulture,
Marathwada Krishi Vidyapeeth,
PARBHANI (M.S.) INDIA
Email : kdiwan27@gmail.com

ABSTRACT : Nine red flesh guava genotypes viz., FRSG-R₁, FRSG-R₂, FRSG-R₃, FRSG-R₄, FRSG-R₅, FRSG-R₆, FRSG-R₇, FRSG-R₈ and Lalit showed wide range of variation with respect to plant growth, yield and quality traits of fruit. However, the genotype FRSG-R₂ was found to be significantly superior in height of tree while, genotype Lalit was significantly superior in plant spread. The genotype Lalit had significantly higher weight of pulp and pulp percentage of fruit. The genotype Lalit had significantly higher TSS, ascorbic acid, total sugar and non-reducing sugar while, the genotypes FRSG-R₂ had the highest reducing sugar. On the basis of different characteristics, genotypes FRSG-R₆ and Lalit were found to be suitable for further improvement.

KEY WORDS : Guava genotypes, Variability, Yield, Quality characters

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