

# **Evaluation of Mango Varieties for Growth, Yield and Quality Parameters in Venkatagiri, Nellore District**

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Eighteen mango varieties comprising of six hybrids and twelve other varieties comprising of table, juicy, regular, offseason and pickle varieties were evaluated at CRS, Petlur, Venkatagiri, Nellore dist. during December to June 2011-2013 to find out the suitable variety. The earliest flowering as well as harvesting were observed in AU Rumani, Khader, Pulihora. Number of fruits per tree varied from 22 to 305. Maximum number of fruits (305) per tree were obtained from Pulihora, while minimum fruits (22) Khader. The heaviest fruit (748 gm) was obtained from Hamlet, while the lightest fruit (145 gm) was in Pulihora. Maximum yield per plant was found in Banglora (1145 kg) whereas it was lowest in Khader (130 kg). The high pulp edible portion (78.66%) was recorded in KMH-1, Baneshan. The highest TSS content (21.2%) was recorded in Peddarasam, whereas the lowest TSS content (8.2%) was observed in Hamlet. Among hybrids KMH-1, table varieties Baneshan, Khader, juicy variety Peddarasam, regular bearing varieties Banglora and Neelum, pickle variety Allipasand was found superior and best suitable for cultivation in Venkatagiri, Nellore district

*Key words: Growth, Flowering, Fruit characteristics, Mango.*