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Effect of chemical fertilizer and vermicompost on days to flowering, harvesting and maturity of banana (*Musa paradisiaca* L.) cv. GRAND NAINE

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ABSTRACT : The experiment was carried out at Jambuvadi farm, Department of Horticulture, Junagadh Agricultural University, Junagadh during 2008-09 and 2009-10 for studying the effect of chemical fertilizer and vermicompost on days to flowering, harvesting and maturity of banana (*Musa paradisiaca* L.) cv. GRAND NAINE. The application of 300-90-200g NPK per plant (full dose of RDF) F_2 and F_1(150-45-100g NPK per plant (half dose of RDF) were found equally effective in promising days to flowering, harvesting and the lowest days to maturity under the treatment 300-90-200g NPK per plant (full dose of RDF) (F_2) and it was statistically at par with F_1 150-45-100g NPK per plant (half dose of RDF) during both the years as well as pooled results.

KEY WORDS : Banana, Grand Naine, Chemical fertilizer, Vermicompost, Flowering, Maturity

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