

# IMPACT OF DIFFERENT ORGANIC MANURES ON YIELD PARAMETERS OF WATERMELON [*CITRULLUS LANATUS* (THUMBS) MANSE.] CV. 'SUGAR BABY' UNDER NORTH GUJARAT CONDITION

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**Abstract:** Watermelon [*Citrullus lanatus*] is a cucurbitaceous crop and is green vegetable, but in the ripe stage as refreshing fruit. Application of recommended dose of FYM @ 20 t/ha + NPK (100-50-50 kg NPK/ha) recorded the maximum fruit diameter (39.95 cm) which was followed by treatment of 100 % N of recommended dose in form of vermicompost (37.76 cm). While, the superior treatment gave highest Number of fruits per vine (3.38), Fruit weight/kg (3.19), Yield per vine kg (10.78) and Yield per ha (53.91).

**Keywords:** Watermelon, *Citrullus lanatus*, Neem cake, Vermicompost, FYM, Castor cake, Poultry manure

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