IMPACT OF DIFFERENT ORGANIC MANURES ON YIELD PARAMETERS OF WATERMELON [CITRULLUS LANATUS (THUMBS) MANSF.] CV. ‘SUGAR BABY’ UNDER NORTH GUJARAT CONDITION

Parthiv K. Parmar¹, Prashant B. Sandipan*,² V.D. Maheriya³, M.K. Parmar⁴ and K.N. Makwana⁵

¹, ⁴ & ⁵ C. P. C. A., SDAU, Dantiwada, Banaskantha
² & ³ Main Cotton Research Station, NAU, Surat – 395 007, Gujarat
E-mail: prashantsandipan@gmail.com

Received-01.09.2015, Revised-08.09.2015

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

REFERENCES


*Corresponding Author

Journal of Plant Development Sciences Vol. 7 (10) : 781-784. 2015