

Effect of integrated use of organic manure and fertilizers on the growth, yield and quality of cabbage (*Brassica oleracea* var. *capitata* L.) cultivars Golden acre

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ABSTRACT : A field experiment was conducted at the Rajaula farm of Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Satna (M.P.) during 2009-10 to find out the effect of integrated use of organic manure and fertilizer on cabbage. The field experiment was laidout in a Randomized Block Design with four replications consisting of six treatments of different nutrients media, namely F.Y.M, vermicompost along with 50% recommended dose of (N,P,K) urea, diammonium phosphate and murate of potash there nutrients media were applied as per scheduled at treatments. The results revealed that application of organic manure vermicompost @10 tonnes/ha along with 90 kg nitrogen, 25kg phosphorus, 25kg murate of potash/ha proved to be the most effective treatment (T_6) to obtain higher yield per unit area of cabbage and maximum net return under the agroclimatic condition of Chitrakoot (Satna, M.P.).

Key Words : Integrated, organic manure, fertilizer, cabbage.