



Research Article

Effect of organic nutrients on yield and quality of vegetable cowpea

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ABSTRACT : An investigation was carried out to find out the effect of organic nutrients in vegetable cowpea [*Vigna unguiculata* (L) Walp.] var. Ankur Gomathi during season I (Jan-April 2012) and season II (Aug.-Nov., 2012) at the Department of Horticulture, Faculty of Agriculture, Annamalai University. The results indicated that the mean performance with regard to number of pods per plant was favourably enhanced by the treatment FYM @ 25 t ha⁻¹ + vermicompost @ 5 t ha⁻¹ + panchakavya 3%. The same treatment also recorded the highest cumulative pod yield of 75.00 g plant⁻¹ in season I and 74.75 g plant⁻¹ in season II as compared to control which recorded 43.65 g plant⁻¹ in season I and 43.15 g plant⁻¹ in season II, respectively. As regard to nutritional attributes, crude protein content was maximum with application of FYM @ 25 t ha⁻¹ + vermicompost @ 5 t ha⁻¹ + panchakavya 3%.

KEY WORDS : Panchakavya, FYM, Sea weed extract, Pod yield, Crude protein

How to cite this Article : Anuja, S. and Vijayalakshmi, C.N. (2013). Effect of organic nutrients on yield and quality of vegetable cowpea. *Internat. J. Forestry & Crop Improv.*, 4 (2) : 63-66.

Article Chronical : Received : 25.10.2013; Revised : 08.11.2013; Accepted : 21.11.2013

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