

**STUDY THE ECONOMICS AND ENERGETICS OF ORGANIC AND INORGANIC NUTRIENT MANAGEMENT ON SCENTED RICE VARIETIES (*ORYZA SATIVA L.*)**

**S.N. Tamrakar<sup>#</sup>, Vinod Nayak<sup>@</sup> and Sushila\***

*# Department of Agronomy, IGKV Raipur-492006, Chhattisgarh, India*

*@ Department of Soil Science, IGKV Raipur-492006, Chhattisgarh, India*

*\*Department of Agricultural Economics, IGKV Raipur-492006, Chhattisgarh, India*

*Email: vinodnayak.64m@gmail.com*

**Abstract:** The field experiment was carried out at the Instructional Farm, IGKV, Raipur (C.G.) during kharif season of 2005. Variety Badshah Bhog and application of 50: 40:30 kg ha<sup>-1</sup> + BI with FYM gave higher values of gross return, net return and B: C ratio. Similarly, maximum energy use efficiency and energy output: input ratio found in Badshah Bhog over others. The best integrated nutrient management strategy identified from this study is blending of inorganic fertilizer with FYM for obtaining better quality produce of scented rice with higher yield.

**Keywords:** Rice, Organic, Economics, FYM

**REFERENCES**

**Jha, S.K., Tripathy, R.S. Kumar, S. and Gupta, P.** (2004). Effect of integrated nutrient management on production potential, economics and energetic of scented rice (*Oryza sativa L.*). *Plant Archives* 4 (2): 503-505.

**Khanda, C.M., Mandal, B.K. and Garnayak, L.M.** (2005). Productivity and economics of different rice based cropping sequences as influences by integrated nutrient management. *Oryza* 42 (1): 48-51.

**Prakash, Y.S., Bhadoria, P.B.S. and Amitava, R.**

(2002). Relative efficiency of organic manure in improving milling and cooking quality of rice. *IRRN* 27 (1): 43-44.

**Yadav, M.P., Aslam, Mohd. and Kushwaha, S.P.** (2005). Effect of integrated nutrient management on rice - wheat cropping system in Central Plains Zone of Uttar Pradesh. *Indian J. Agril. Sci.* 50(2): 89-93.

**Yadav, R.L.** (2001). On farm experiment on integrated nutrient management in rice-wheat cropping system. *Experimental Agriculture* 37(1): 99-113.