

# Economics of sugarcane cultivation under organic and integrated nutrient management practices in Cauvery Command Area

■ K.V. KESHAVIAH, Y.B. PALLED<sup>1</sup> AND B.S. NANDIHALLI<sup>2</sup>

## AUTHORS' INFO

### Associated Co-author :

<sup>1</sup>Department of Agronomy and Fodder Scheme, University of Agricultural Sciences, DHARWAD (KARNATAKA) INDIA

<sup>2</sup>Department of Agricultural Entomology, College of Agriculture, BIJAPUR (KARNATAKA) INDIA

### Author for correspondence :

**K.V. KESHAVIAH**  
Zonal Agricultural Research Station,  
V.C. Farm, MANDYA (KARNATAKA)  
INDIA  
Email : kvkeshavaiah@gmail.com

**ABSTRACT :** A field experiment was conducted at Zonal Agricultural research station, V.C.Farm, Mandya, Karnataka, on the effect of nutrient management practices on yield, economics and B:C ratio in the plant crop of sugarcane. The results revealed that Co 62175 variety of sugarcane recorded higher cane yield (149.4 t/ha), gross (Rs 164834/ha) and net income (Rs 77044/ha) and B: C ratio (1.88) over Co 86032 variety. Among the nutrient management practices, N7 recorded significantly higher gross income (Rs 192870/ha) but the net income (Rs 105543/ha) and B:C ratio (2.28) were higher with N6 when 50 per cent of organic and 50 per cent of inorganic component of nutrients were blended and applied indicating a balance of organic and inorganic nutrients is the right way of supplementing nutrients to sugarcane crop.

**Key Words :** Economics of sugarcane, Organic, Integrated nutrient management

**How to cite this paper :** Keshavaiah, K.V., Palled, Y.B. and Nandihalli, B.S. (2013). Economics of sugarcane cultivation under organic and integrated nutrient management practices in Cauvery Command Area. *Adv. Res. J. Crop Improv.*, 4 (2) : 127-130.

**Paper History :** Received : 15.07.2013; Revised : 01.11.2013; Accepted : 20.11.2013