



Research Paper

Economics of onion (*Allium cepa* L.) production under organic condition

■ V.N. NANDESHWAR, A.B. MASTIHOLI AND M.G. KERUTAGI

See end of the paper for authors' affiliations

Correspondence to :

A.B. MASTIHOLI
Department of Agronomy,
K.R.C. College of
Horticulture, Arabhavi,
BELGAUM (KARNATAKA)
INDIA
Email: anandmasti@gmail.
com

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ABSTRACT : An investigation was carried out to study the effect of FYM, as source of N, on the growth and yield of onion (*Allium cepa* L.) cv. Nasik Red under irrigated condition at Horticultural Research Station Hidkal Dam during *Kharif* 2011. Significantly highest bulb yield (195.39 q/ha), as well as bulb diameter (5.88 cm), fresh bulb weight (86.48 g/plant) was recorded in T₄ (poultry manure equivalent to 100 % RDN). Highest gross returns (Rs. 1,17,240 /ha) was also recorded in T₄ (poultry manure equivalent to 100 % RDN). On other hand application RDF (T₅) recorded significantly highest net returns of Rs. 54,243 per hectare and also significantly higher B: C ratio (2.03) followed by the application of poultry manure (equivalent to 100% RDN) (1.78). Net returns in T₄ (Rs. 51,452 /ha) and T₅ were equally superior. Among the different organic manures applied, as a source of N, poultry manure application was found better in getting higher yield and profit from onion.

KEY WORDS : FYM, Onion, Poultry manure, Yield, Economics, Profitability

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