

Costs and returns of rice cultivation under different levels of mechanization in cauvery delta zone of Tamil Nadu state

■ M. CHIDAMBARAM AND N. AJJAN

Received : 23.10.2013; Revised : 04.02.2014; Accepted : 06.03.2014

ABSTRACT

The study has examined the cost and returns of rice cultivation in Cauvery Delta Zone (CDZ) of Tamil Nadu state under different levels of mechanization. The levels were partially mechanized and fully mechanized. Fully mechanized farms were defined as the farms with all operations except weeding which was mechanized. The farms with all operations mechanized except weeding and transplanting were defined as partially mechanized farms. The total cost of cultivation worked out to Rs.55,420 per ha for fully mechanized farms and Rs.56,547 per ha for partially mechanized farms. The cost of production per quintal of rice worked out to Rs.766 per ha for fully mechanized farms and Rs.872 per ha for partially mechanized farms. The net income per ha of fully mechanized farms was Rs.22,113 whereas it was Rs.18,793 for partially mechanized farms. The BCR (1.57) was obtained for fully mechanized farms and (1.45) obtained for partially mechanized farms indicated clearly that the fully mechanized farms were cost effective and more profitable than the partially mechanized farms.

KEY WORDS : Rice cultivation, Cost, Returns, Partially mechanized, Fully mechanized

How to cite this paper : Chidambaram, M. and Ajjan, N. (2014). Costs and returns of rice cultivation under different levels of mechanization in cauvery delta zone of Tamil Nadu state. *Internat. J. Com. & Bus. Manage*, 7(1) : 54-57.

MEMBERS OF THE RESEARCH FORUM

Correspondence to:

M.CHIDAMBARAM, Department of Agricultural Economics, Tamil Nadu Agricultural University, COIMBATORE(T.N.) INDIA
Email: chidambaramagri55@gmail.com

Authors' affiliations:

N.AJJAN, Department of Agricultural and Rural Management, Tamil Nadu Agricultural University, COIMBATORE(T.N.) INDIA
Email: ajjan@rediffmail.com