

# **Impact of Mechanization on Employment of Agricultural Labour in Rice Operations in East Godavari District of Andhra Pradesh**

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## **ABSTRACT**

The present study is intended to analyse the impact of mechanization on employment of agricultural labour in rice operations in East Godavari district of Andhra Pradesh. The total sample was categorized into two groups viz., category I (mechanized farms) and category II (partially mechanized farms). Results of regression analysis revealed that tractor used time, cost of cultivation, animal used time and dummy variable were statistically significant indicating that they were important variables in determining the labour used time. The fit of the model was judged by  $R^2$  and the selected variables contributed 68 per cent variation in labour used time.

**Key words :** Animal used time, Labour used time, Mechanization, Tractor used time.