

FORECASTING YIELD PER HECTARE OF RICE IN ANDHRA PRADESH

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ABSTRACT

In this paper, forecasting of yield per hectare of Rice (in Kg) in Andhra Pradesh using Box-Jenkins methodology and feedforward neural networks are presented. The forecasting performance of the models evaluated using mean absolute error, mean absolute percentage error and root mean squared errors. Neural networks model outperforms than that of the Box-Jenkins model.

KEYWORDS: Box-Jenkins Methodology, ARIMA, Rice, Neural Networks