New Agriculturist, **25**(1) : 99–104, 2014

Effect of nutrient management on growth of rice crop

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Received January 7, 2014 and Accepted March 31, 2014

ABSTRACT : India is basically an agricultural country having 70% of its population economically depend on agriculture. However, per capita arable land is quite small. Rice, being the staple food for more than 70% of the population and the source of livelihood for 120-150 million rural households, is back bone of the Indian agriculture. The present research work carried with a view to study the effect of nutrient management on growth of rice crop in concern of enhancing submergence tolerance and productivity. The experiment was conducted in randomized block design with three replications. N, P and K are used in different ratio, respectively. $N_{60}+P_{40}+Zn_{20}$ were found to be best treatment as compared to others for growth and improving submergence tolerances of test varieties.

Key Words: Agriculture, rice, crop management.