



RESEARCH PAPER

Influence of soil test based fertilization on nutrient uptake of rice under rice-wheat cropping system

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Abstract : A field investigation on rice under rice-wheat cropping system was carried out in the two consecutive of 2018 and 2019 at Mandan Bharti Agriculture College, Agwanpur, Saharsa for the development and validation of soil test crop response (STCR) to fertilizer and for assessing the performance of STCR treatments as compared to general recommended dose in terms of yield and nutrient uptake of rice. The STCR approach with or without FYM at low, medium and high target yield markedly increase yield, NOK uptake and use efficiency. Therefore, the STCR-target yield approach could improve the yield, and nutrient uptake for rice.

Key Words : STCR, Cropping system, Nutrient uptake

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