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Effect of differential nutrient doses and scheduling on growth yield attributes yield and nutrient efficiency in hybrid rice (*Oryza sativa* L.)

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Statement of the Problem: An experiment was conducted during Kharif seasons of 2011-12 and 2012-13 to study the effect of split application of NPK fertilizer growth yield parameters and yield of hybrid rice at Student Instructional Farm of Narendra Deva University of Agriculture and Technology, Kumarganj, Faizabad U.P. The experiment was laid out in RBD comprising of ten treatments with three replication and ten practices. The split timing with doses of NPK fertilizer (100% RDF) N 1/3(7DAT+MT+PI) P and K 1/3 (B + MT+PI) growth, yield (7.25-7.45 t ha-1) and availability of N (174.10- 175.55), P (17.75-17.93) and K (246.15- 248.61) kg ha-1 was significantly superior over the rest treatments. Significantly at par, yield attributes growth and yield parameters recorded by T10 NPK (75% RDF) N1/3 (7DAT+ MT+PI) P and K 1/3 (B+ MT+ PI) and T2 NPK (100% RDF) as Recommended practices (RP). This way 25% NPK could be saved by splitting NPK without losing yield.

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