

COMBINED EFFECT OF GREEN MANURING AND N,P,K APPLICATION ON PADDY PRODUCTION

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ABSTRACT

Twelve single replicated trials were conducted for paddy production (Bas-385) in farmer's fields of Lahore, Gujranwala and Faisalabad divisions during the year 1992-93 to 1994-95. The combined effect of green manuring and N,P,K application was evaluated. Two levels of N (68, 136 Kg ha⁻¹), P₂O₅ & K₂O (20, 40 Kg ha⁻¹) were tried with and without green manuring in different combinations. ZnSO₄ at the rate of 12.5 Kg ha⁻¹ was applied as basal dose to all treatments. The yield results revealed that highest rate of N (136 Kg ha⁻¹) alongwith green manuring enhanced the paddy yield significantly compared to the yield from the same N without green manuring. The highest VCR and agronomic efficiency of 3.9 and 8.0 were obtained by the treatment, (T₇) 68-20-0 Kg ha⁻¹ with green manuring respectively.