

## IMPACT OF SYSTEM OF RICE INTENSIFICATION (SRI) THROUGH FRONT LINE DEMONSTRATIONS

**B.K.Tiwari\*, K.S. Baghel, Akhilesh Kumar Patel, Akhilesh Kumar, Sanjay Singh and A.K. Pandey**

*JNKVV, Krishi Vigyan Kendra, Rewa, Madhya Pradesh-486001*

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**Abstract:** Front line demonstrations were conducted at farmer's field in Umaria district during *kharif* seasons of 2009-10 to 2013-14 (five years) at seven different locations under real farming situations prevailing farmer's practices were treated as control for the comparison with recommended SRI practice. Result of front line demonstration showed a greater impact on farmer's economy due to significant increase in crop yield more than two fold over FP. Economics and benefit cost ratio of both FP and RP plots were worked out of RS. 36942/ha was recorded net profit under RP while it was Rs. 16734/ha under FP. Benefit cost ratio was 2.64 under RP, while 1.88 under FP. Demonstrating improved transplanting technique of rice open new horizon of income of farming community of Umaria district as it is profitable in both sense i.e. input saving as well as yield enhancing.

**Keywords:** Front line demonstration, SRI, Rice, BC ratio, Farmer, Productivity

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\*Corresponding Author