



Research Article

## Evaluation of front line demonstrations on the yield of transplanted rice

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**SUMMARY :** The rice (*Oryza sativa*) covers largest area in total grain production in Narmada district of Gujarat. One of the major constraints of low productivity of rice is lack of newly generated technology among farmers. A total of 54 front line demonstrations were conducted during 2012 to 2013 on area of 9.0 ha with the active participation of farmers with the objective to demonstrate the latest variety technology of rice production. The percentage increase in the yield over local check was 20.4 with higher gross return of 41805 Rs./ha, net return of 29359 Rs./ha and benefit cost ratio 3.4 as compared to local check (34752 Rs./ha, 22755 Rs./ha and benefit cost ratio 2.9, respectively).

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