



Research Article

Evaluation of front line demonstrations on the yield of drilled rice (*Oryza sativa*)

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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 technical know how of newly generated technology among farmers. The present study named dissemination of improved production technologies of rice in Narmada district of Gujarat through front line demonstrations (FLD) and its impact assessment. A total of 101 front line demonstrations were conducted during 2008-09 to 2011-12 on area of 35.0 ha with the active participation of farmers with the objective to demonstrate the latest technology of rice production. The percentage increase in the yield over local check was 21.6 with higher gross return of 17212 Rs./ha, net return of 9567 Rs./ha and benefit cost ratio 2.7 as compared to local check (14034 Rs./ha, 7331 Rs./ha and benefit cost ratio 2.5, respectively. By conduction of front line demonstrations on farmer's field there was significant increase in knowledge level of the farmers and majority of farmer's showed high level of satisfaction about demonstrated technologies.

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