



RESEARCH ARTICLE :

Impact of frontline demonstration of SRI technology of paddy cultivation in Navsari district of Gujarat

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SUMMARY : The front line demonstration on SRI technology of paddy cultivation was conducted for two year (2012-13 and 2013-14) on farmers field in two talukas of Navsari district in *Kharif* season. It was observed that average yield performance of SRI technology of 10 and 36 demonstrations in area of 2.5 and 8.6 hectares of 8064 and 8168 kg/ha during the year 2012-13 and 2013-14, respectively. The percentage increase in demonstration yield over local cultivation practices was 58.6 and 70.6 per cent during the year 2012-13 and 2013-14, respectively. The farmers have incurred average higher gross return of Rs. 101476/ha and benefit cost ratio of 3.06 through these demonstrations over local paddy cultivation practices, which was recorded Rs. 61607/ha and 2.21, respectively. The average additional gain of Rs. 39869/ha was obtained by farmers through these demonstration. Results of the demonstration had shown that the SRI technology of paddy cultivation obtained higher productivity of paddy.

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