Impact of front line demonstration on production technology of radish cv. DHAWAL KRANTI in Dhule district of Maharashtra

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ABSTRACT

The front line demonstration on production technology of radish cv. DHAWAL KRANTI was conducted for four years (2005-06 to 2008-09) on farmers field in four different villages in all the four talukas of Dhule district in *Kharif* season. It was observed that the average yield performance of 40 demonstrated radish crop in an area of 8 hectares ranged from 104 to 118 q / ha. The average yield of 40 demonstrations in an area of 8 hectares of radish crop for four years was found to be 110.5 q / ha whereas for local crop, it was found to be 82.75 q / ha. There was 33.59 per cent increase in demonstration yield over local crop during all the four years. The farmers have incurred average higher returns of Rs. 32275/ha through these demonstrations. The comparative results of the demonstration highlighted the cost benefit ratio of 3.49 as against the local crop which recorded 3.07, respectively. Results of the demonstration had shown that the use of improved variety, improved cultivation practices, proper post-harvest management and plant protection measures resulted in higher productivity of radish.