



Research Article

Yield gap analysis of rapeseed-mustard through front line demonstrations in Mandsaur district

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SUMMARY : Front line demonstrations (FLD) of oilseeds on farmers' field was initiated during 1990-91 under the financial support of Department of Agriculture and Cooperation, Govt. of India. The basic objective of FLDs is to demonstrate improved proven technology of recently released, early maturing, high yielding, bold seeded, disease resistant varieties with IPNM, IWM and IPM at farmers field through KVKs to bring in enhanced application of modern technologies to generate yield data and collection of farmers feedback. Front line demonstration is an appropriate tool to demonstrate recommended technologies among the farmers. Krishi Vigyan Kendra, Mandsaur (M.P.) conducted 64 demonstrations on mustard variety *Vasundhra*, *Pusa Jai Kisan*, *Pusa Jaggnath* and *Pusa Agrani* since 2007-08 to 2011-12 in five adopted villages Guraria dida, Udpura, Surkhera, Lasudawan and Barkhedadev dungari. The critical inputs were identified in existing production technology through farmers meetings and group discussions with the farmers. The average five years data revealed that an average yield of demonstration plot was obtained 19.30 q/ha. over local check (15.49/ha) with an additional yield of 3.81q/ha and the increase average mustard productivity by 24.60 per cent. The average technological gap and technological index were found to be 169.6 kg/ha. and 8.08 per cent, respectively.

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