



RESEARCH PAPER

Performance in on farm trials of mustard varieties in Bhind district of Madhya Pradesh

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Abstract : The study was conducted in Bhind district of M.P. during 2014-15 to 2016-17. Total eighty on farm trials at farmers field in different villages *i.e.* Jaganpura, Baspura, Bhikampura, Chiruli, Ruhani Jagir and Devarikala during the years from active participation of district farmers with the to improve the productivity of mustard crop in the district. The improved technologies consist improved varieties *i.e.* NRCDR-02 and Pusha mustard 28 were trials at farmers field during the years. It has been seen that the improved variety of mustard *i.e.* NRCDR 02 recorded average higher yield (16.96 q/ha), while it has been observed 16.01 q/ha. In case of pusa mustard 28. Farmers practice average yield during the years was observed 14.88 q/ha. The average percentage in yield increased over farmers practice during the years was 11.03, while it was observed in case of NRCDR-02 and Pusa mustard 28 *i.e.* 12.57 and 9.48 per cent, respectively over farmers practice during the years. Pusa mustard 28 has taken less maturity days (about 14 to 20 days) as compared to NRCDR 02 and pusa mustard 28. The tabulation, mean, B.C. ratio and percentage have been used to draw the results from the data.

Key Words : On farm trials, Extension gap, Technology gap, Technology index, Production technology of mustard

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