

Yield gap analysis of mustard through front line demonstration in district Sonbhadra, U.P.

■ SIYA RAM AND R.K. ANAND

SUMMARY

The front line demonstration of mustard was conducted on 25 hectare area with the active participation of 60 farmers during 2005-06 to 2009-10 in five adapted villages of district Sonbhadra. All the scientific practices were followed on the demonstration plot and traditional practices were maintained on the control plot as a local check. The data on yield parameters were collected from FLD plots as well as control plots and finally the extension gap, technology gap and technology index were worked out. The five year average yield of demonstration plot was recorded 15.24 q/ha over local check (9.32 q/ha) with an additional 40.75 % increase in average mustard productivity. The average technology gap and technological index were found 9.76 and 40.62, respectively. The result shows that the study (FLD) had positive effect over the existing practices toward enhancing the yield of mustard in district Sonbhadra. Higher range of extension gap and technology gap were also observed during the study. Therefore, a proper extension strategy may reduce the extension and technology gap leading toward enhanced production and productivity of mustard in the district Sonbhadra.

Key Words : Front line demonstration, Adoption, Technological gap, Extension gap, Technology index, Mustard

How to cite this article : Ram, Siya and Anand, R.K. (2014). Yield gap analysis of mustard through front line demonstration in district Sonbhadra, U.P. *Internat. J. Plant Sci.*, **9** (1): 180-182.

Article chronicle : Received : 27.09.2013; Revised : 07.11.2013; Accepted : 16.11.2013

MEMBERS OF THE RESEARCH FORUM

Author to be contacted :

SIYA RAM, Krishi Vigyan Kendra, Pachperwa, BALRAMPUR (U.P.) INDIA

Address of the Co-authors:

R.K. ANAND, Krishi Vigyan Kendra, Sonbhadra, MIRZAPUR (U.P.) INDIA
