



RESEARCH PAPER

Role of frontline demonstrations for reducing the technology gap and extension gap in *Gobhi sarson* (*Brassica napus* L.) in Amritsar district of Punjab

Harpreet Singh* and Charanjeet Kaur

Regional Research Station, Gurdaspur (Punjab) India (Email: harsun2021@gmail.com)

Abstract : Front Line Demonstration is one of the most powerful tools for transfer of technology. The present study was undertaken to find out the yield gap through FLDs on mustard crop. ECF centre Amritsar conducted 42 demonstrations on mustard since 2013-2014 to 2016-2017 in six adopted villages of Amritsar district. Prevailing farmer's practices were treated as control for comparison with recommended practices. On the basis of average data, the average yield (13.97 q/ha) was obtained with improved practice over farmer's practice (11.92 q/ha) with an additional yield of 2.05 q/ha and the increase in yield was 17.07 per cent. The average technology gap and index were found to be 7.22 and 34.08 per cent, respectively. The extension gap ranged between 1.5 q/ha (2013-2014) to 2.5 q/ha (2016-2017) indicates the need to educate the farmers through various extension approaches for the adoption of improved technologies. The lower value of technology index indicated the feasibility of the demonstrated Mustard crop technology.

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

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