

IMPACT ANALYSIS OF CLUSTER FRONTLINE DEMONSTRATION IN SOYBEAN CULTIVATION

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Received-01.01.2018, Revised-27.01.2018

Abstract: The domestic requirement of oilseed had been manifold of a modern living standard which has been fulfilled through the imports that leads to imbalance the Indian economy. To fulfill the domestic demand and to boost the production and productivity, cluster frontline demonstrations (CFLDs) on Soybean were conducted at farmer's field through Krishi Vigyan Kendra Damoh (M.P.). These demonstrations were conducted in two villages namely Jortala and Bamori during kharif seasons of 2015-16 and 2016-17. The results of CFLDs show a greater impact on farming community due to significant increase in crop yield greater than farmer practice. The economics and benefit cost ratio of both farmers practice (FP) and recommended practice (RP) were worked out. An average of Rs. 30990/ha was recorded net profit under RP while it was Rs. 18792/ha under FP. Benefit cost ratio was 2.10 under RP, while it was 1.87 under FP. By introducing the proven technology i.e improved variety (JS 95-60), seed treatment, sowing in broad bed furrow method, integrated weed management, recommended dose of fertilizers on soil test base and integrated pest management by encouraging the farming community of the district through recommended technologies were followed in the CFLDs.

Keywords: Soybean, CFLDs, Farming community, Net profit, B:C ratio

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