

ENHANCEMENT OF PRODUCTION AND PRODUCTIVITY OF SOYBEAN THROUGH THE CLUSTER FRONT LINE DEMONSTRATION OF OILSEED

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Received-12.10.2017, Revised-25.10.2017

Abstract: Cluster front line demonstrations on soybean were organized in the kharif seasons of year 2015-16 different villages of Ashoknagar district by Krishi Vigyan Kendra, Ashoknagar for creating awareness among the farmers to popularize the high yielding variety of soybean. In this context, centre was conducted demonstration to assess the improved varieties of soybean JS 9560 along with existing varieties used by the farmers as local check in the district. The farmers followed the full package of practices like proper seed rate, seed treatment with biofertilizer, fertilizer application on soil test value, weed management, IPM practices etc. Result of front line demonstrations indicated that on an average of 25% more yield of soybean was found as compared to farmer's practices. The number of productive pods per plant of JS 9560 soybean was found 52.7 and non-productive pods per plant 7.9 under package of improved practices. The economic analysis of data over the years revealed that the adoption of improved technology of soybean not only gives the opportunity of higher yield, but also provides higher benefit cost ratio i.e. 1.62 as compared to 1.37 in the farmer's practices.

Keywords: CFLDs, Soybean, Front Line Demonstration, Ashoknagar

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