

EVALUATION OF THE PRODUCTIVITY FOR CHICKPEA (*CICER ARIETINUM* L.) THROUGH CLUSTER FRONTLINE DEMONSTRATION IN FARMERS FIELD IN DHAR DISTRICT (M.P.)

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Abstract: The cluster frontline demonstration (CFLDs) on chickpea was conducted by Krishi Vigyan Kendra, Dhar during the rabi season of 2016-17 to 2018-19. The results revealed that improved seed of JAKI – 9218 + seed treatment with ((2g Thiram + 1g carbendazim kg/seed) + Rhizobium + P.S.B.@ 5g per kg of seed) + plant protection (Pheromone trap 3 no./acre+ insecticide) recorded average highest yield 17.50 q/ha followed by 12.90 q/ha in control plot. The same trend was found in case of gross and net monetary returns, which was Rs. 94,788/- and Rs. 70,745/- ha and for control Rs. 68931/- and Rs. 48098/-ha respectively. Benefit cost ratio for demonstration and control was 3.96 and 3.32, respectively. The extension gap ranging between 4.29 to 4.86 q/ha. Data on technology index reduced from 12.5 percent (2016-17) to 13.4% (2018-19), exhibited the feasibility of technology demonstration in this region. It can be concluded that the pulses production could be enhanced by encouraging the farmers through adoption of recommended technologies which were followed in the CFLDs.

Keywords: CFLDs, Chickpea, Extension gap, Technology gap

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