

STUDY ON PRODUCTIVITY ENHANCEMENT THROUGH FRONT LINE DEMONSTRATION IN GREEN GRAM AT DEWAS (M.P.)

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Abstract: A total of 50 demonstrations on summer green gram variety MH-421 were conducted by Krishi Vigyan Kendra, Dewas during two the consecutive year of 2019-20 and 2020-21 with 25 demonstrations in each year across 06 blocks of Dewas district to explore the production potential and economic benefits of improved practices. The result of the demonstrations showed that farmers significantly increase the green gram productivity by adopting high-yielding variety (MH 421) and recommended packages of practices. The average yield of 8.99q/ha of green gram was recorded under front line demonstration as compared to farmers' practice of 6.82 q/ha. The increase in the demonstration yield over farmers' practice was 31.90%. Simultaneously higher net returns (Rs. 36272/ha) and B: C ratio (2.20) were recorded in front line demonstrations as compared to farmer's practices (net return of Rs. 21395 and B: C ratio of 1.75). The average extension gap, technology gap and technology index were 217 kg/ha, 101 kg/ha and 10.1%, respectively.

Keywords: CFLDs, Extension gap, Technology gap, Summer green gram, Yield

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