

A Case Study

Impact assessment of gram for enhancing production for food nutritional security and livelihood of remote tribal community under pulses

■ P.L. AMBULKAR AND HARISH DIXIT

ARTICLE CHRONICLE :

Received :
21.02.2014;

Accepted :
25.04.2014

SUMMARY : The Demonstration of Gram Variety Jaki 9218 and JG 11 on farmers field in 3 different villages in Samnapur Block of district Dindori (M.P.) in Rabi 2011-12. It was observed that the average yield performance of 50 demonstrated under the crop Gram. The data shows on grain yield were found significant in different demonstration of Gram. Average maximum yield (1650 kg/ha) was recorded under the variety of Jaki 9218 which was significantly superior to farmers practice (700 kg/ha). The percentage changes of yield in the variety of Gram Jaki 9218 were recorded 85.71 per cent. The average maximum yield (1550 kg/ha) was recorded under the variety of JG11 which was significantly superior to farmers practice (700 kg/ha). The percentage changes of yield in the variety of Gram JG 11 were recorded 90.71 per cent. The net return of Gram variety Jaki 92 18 and JG 11 was found per hectare Rs. 25500.00 and 26550.00, respectively under the demonstration as which was significantly superior to farmers practice (Rs. 11000.00 /ha). The average return of both the variety of Gram was Rs. 26025.00/ha. The data presented in the Table 3 showed that there was significant difference on the larval population due to the use of Profenophos 1.5 liter /ha. However, the mean larval population (3 larvae/meter row length) under the recommended practice as compared to farmers practice (5 larvae /meter row length) and decreased larval population (66.6%) The data depicted in the Table 3 showed that there was significant effect of different on pod damage due to the use of profenophos 1.5 lit. /ha. The average per cent pod damage was 5.25 per cent under the recommended practice (5.25%) as compared to farmers practice (8.50%) and decrease pod damage (61.9%).

KEY WORDS :

Gram, TSP,
Pod borer,
Yield

How to cite this article : Ambulkar, P.L. and Dixit, Harish (2014). Impact assessment of gram for enhancing production for food nutritional security and livelihood of remote tribal community under pulses. *Agric. Update*, 9(2): 252-255.

Author for correspondence :

P.L. AMBULKAR

Krishi Vigyan Kendra,
DINDORI (M.P.) INDIA
Email: plambulkar_2007@rediffmail.com

See end of the article for authors' affiliations