

**RESEARCH ARTICLE :**

Enhancement of pulse production through front line demonstrations

■ P. S. Tiwari, Hansraj Singh, Vipin Kumar and Rakesh Tiwari

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SUMMARY : Field demonstrations were conducted in *Rabi* and *Kharif* season 2015-16 and 2016-17 at Rajapur, Muradnagar and Loni block of Ghaziabad district U.P. under NFSM programme to evaluate the productivity of pulse of different varieties of pigeonpea, blackgram and lentil. It was found that the average yield 15.025 q/ha of Pusa 991 was significantly higher than other varieties, which was 9.76 per cent higher as compared to farmers practice and the net profit was calculated Rs. 1,03,240 per ha. Whereas the average yield 14.20 q/ha was recorded in Pant urd 31 which was found highest in all varieties and it was calculated as 13.24 per cent better as compared to farmers practice (PDU 1) and net profit was recorded as Rs. 71000 / ha. Similarly the average yield obtained from Pusa masoor 5 was 14.91 q/ha which was 28.91 per cent higher than the 4147 (Farmer practice) and net income obtained was Rs. 69778/ha.

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KEY WORDS :

Variety, Yield, Net income, Cost benefit ratio

Author for correspondence :**P.S. Tiwari**

Krishi Vighyan Kendra
(S.V.P.U.A.&T.),
Muradnager, Ghaziabad,
Hasinapur, Meerut (U.P.)
India
Email: drpsteng@gmail
.com

See end of the article for
authors' affiliations