

Success story: United Farmers- Higher Yield: IPL-316 Lentil FIG Initiative

Name of KVK	Banda
Name of crop	Lentil
Name of variety	IPL-316
Name of FIG	Farmer Interest Group on Lentil
No. of farmers	30
Address	Village- Gureh, Block Badhokhar khurd, Distt- Banda (U.P.)
Background information	The "Ensuring pulses sufficiency in India by capitalizing the Model Pulse Village approach" project is being sanctioned to KVK, Banda during 2024-25. Since then the project is being implemented across two adopted villages <i>i.e.</i> Gureh and Mahokhar located in Badhokhar Khurd block of Banda District. Under the project Lentil, Pigeon pea crops were promoted among farmer for higher production and productivity of crops on Group basis. Lentil is major crop of Rabi season of Banda district. However unavailability of quality seed the low yield of the crop make farmers reluctant to Lentil production. Under the Model Pulse village 100 ha Lentil (IPL-316) demonstration were conducted in Gureh Village during 2024-25. In the village one FIG was formed on Lentil where 45 farmers were the members. The group members have been motivated for Collective action, participatory planning group dynamics principle etc. for better functioning of FIG.
Technology demonstrated	IPL-316, <i>Trichoderma</i> powder
Success point	All the Member of FIG were provided a one days on campus training programme on Scientific cultivation of Lentil along with group discussion. Later on, they were provided with 16 Kg of IPL-316 seed and 200 gram <i>Trichoderma</i> powder for soil as well as seed treatment to each farmers of FIG for demonstration. Scientist of KVK, Banda throughout the season have visited the field of farmers time to time and whenever required. One field day was also organized on the farmer's field of Mr. Ashok Singh, Member of FIG.
Farmer feedback	After successful implementation of the technology, Members of FIG were highly impressed and motivated by the performance of the new variety (IPL-316) of with improved cultivation practices due to its higher Yield and more net income. The group serves as role model and motivated other farmers also for Sesame Production not only in their village but also for the entire farming community of the nearby villages. The technology have been spread and adopted by more than 1000 farmers of 41 villages.
Outcome yield	10.38 q/ha
Potential yield of variety	17 q/ha
District average	7.29 q/ha
State average	10.14 q/ha

Performance of technology vis-a-vis farmer (Increase in productivity and returns):

Specific Technology	Yield (q/ha)	% increase in yield	Net returns increase (%)	B:C ratio
Farmer practice (Check)	8.21	-	-	2.2
FIG practice	10.05.	22.4	37.74	2.58



Farmer training organized at KVK, Banda



Input distribution for FIG members



Field visit organized at Farmers field



KVK Scientists measuring yield parameters at farmer's field