

Success Story 2024-25

Season : Rabi
Specific technology name : Improved Lentil Cultivation with PusaAgeti (L4717) Variety

Name of KVK	Krishi Vigyan Kendra, Peterwar Bokaro
Name of crop	Lentil
Name of variety	Pusa Ageti (L4717)
Name of farmer	Pramila Devi
Farmer address	Village – Pordag, Block –Peterwar, District – Bokaro Aadhar No. 518130032350
Background information about farmer field	Pramila Devi is a hardworking farmer from Pordag village, who previously cultivated traditional lentil varieties with average yields. Her field, measuring 1 hectare, was selected for the demonstration of improved cultivation practices.
Details of technology demonstrated	Variety-PusaAgeti (L4717) + Seed rate 530kg/ha + Line sowing 30X10CM)+Seed treatment with Carbendazime @2kg/ha of seed, Soil application: Application of recommended dose of fertilizer (N20,P50,K25,S20) kg/ha. based on soil test and Weed management by 2 hand weeding
Institutional Involvement	KrishiVigyan Kendra, PeterwarBokaro provided technical support, quality seeds, and regular field visits. The KVK also conducted training sessions for Pramila Devi and other farmers in the village.
Success point	With the adoption of improved variety and scientific practices, Pramila Devi achieved a yield of 11.8 q/ha, which is significantly higher than the district average (6.5 q/ha) and state average (8.2 q/ha). This success demonstrates the potential of advanced technology in increasing farmer income.
Farmer feedback	Pramila Devi expressed her satisfaction with the new technology, noting better germination, healthier plants, and higher yields. She plans to continue these practices and encourages fellow farmers to adopt scientific methods.
Outcome yield	11.6 q/ha
Potential yield of variety	12.0
District average	6.5
State average	8.2

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

Specific Technology	Yield (q/ha)	Gross cost (Rs./ha)	Gross income (Rs./ha)	Net income (Rs./ha)	B:C ratio
Farmer practice	6.9	26500	46230	19730	1.74
Demonstration	11.6	31500	77720	46220	2.47
% Increase	68.12	18.86	68.11	134.26	



Lush lentil field under the CFLD Model Pulse Village Programme, showcasing healthy crop growth with active participation from local farmers and guidance from KVK Bokaro scientists.



Lush lentil field under the CFLD Model Pulse Village Programme, showcasing healthy crop growth with active participation from local farmer Pramila Devi and guidance from KVK Bokaro scientists.