

Success Story

Season

: Kharif

Specific technology name

: Improved Soybean Cultivation Practices

Name of KVK	Krishi Vigyan Kendra, Peterbar, Bokaro
Name of crop	Soybean
Name of variety	BS-6
Name of farmer	Sangita Devi
Farmer address	Village – Lawagadha, Block- Peterbar, District – Bokaro,
Background information about farmer field	Sangita Devi, a dedicated and innovative farmer from Lawagadha village in Peterbar block, Bokaro district, owns 1.2 hectares of cultivable land. Traditionally, she practiced conventional methods for soybean cultivation, resulting in average yields and moderate income. In the Kharif season of 2024-25, she collaborated with Krishi Vigyan Kendra, Peterbar, to implement advanced soybean production techniques aimed at increasing yield and profitability.
Details of technology demonstrated	Variety-BS-6 + Seed rate 60kg/ha+ Line sowing-spacing- (45x10cm) + Seed treatment with Carbendazime @ 2g/kg of seed, Spray: Spinosad 45% SC @ 1 ml/liter, Saaf @ 500 g/ha, Tropicconazole @ 200 ml/ha.
Institutional Involvement	Krishi Vigyan Kendra, Peterbar, provided Input, technical training, regular field visits, and guidance on best agronomic practices throughout the crop cycle. The KVK also monitored the crop's progress and offered timely advice on pest and disease management.
Success point	➤ Adoption of high-yielding BS-6 variety increased productivity. ➤ Scientific line sowing and proper seed treatment reduced seed-borne diseases. ➤ Effective pest and weed management ensured healthy crop growth. ➤ Timely interventions by KVK experts improved overall crop performance.
Farmer feedback	Sangita Devi expressed her satisfaction with the improved practices, stating, "The new methods suggested by KVK have significantly increased my soybean yield and reduced crop losses. I am grateful for their constant support and guidance."
Outcome yield	16.8 q/ha
Potential yield of variety	27.00
District average	10.2
State average	12.6

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	9.2	22700	45006	22306	1.98
Demonstration	16.8	30200	82186	51986	2.72
% Increase	82.60	33.03	82.61	133	



Monitoring of Soyabeen crop



Field Day of soyabeen crop