

Success Story

Season : Rabi
Specific technology name : Improved Linseed Cultivation with Pratap Alsi-2

Name of KVK	Krishi Vigyan Kendra, Peterbar, Bokaro
Name of crop	Linseed
Name of variety	Pratap Alsi-2
Name of farmer	Radha Nath Soren
Farmer address	Village – Uttasara, Block-Petarbar, District – Bokaro
Background information about farmer field	The farmer's field was characterized by medium-textured soil with moderate fertility and a history of traditional linseed cultivation practices, resulting in below-average yields.
Details of technology demonstrated	Pratap Alsi-2@ 25 kg/Ha+ Line Sowing(30x15 CM)+Seed Treatment with Saaf@2gm.kg seed +Soil application: Sulphur @ 22 kg/ha,+ Recommended Dose of Fertilizer based on soil test (N60P20K20), Bentonite Sulphar 22Kg/Ha, imidacloprid 1gm/lit of water
Institutional Involvement	KVK Peterbar provided technical guidance, quality seeds, and regular field monitoring throughout the crop cycle.
Success point	Adoption of improved variety and scientific cultivation practices led to a significant increase in yield compared to district and state averages.
Farmer feedback	The farmer reported that the Pratap Alsi-2 variety performed well, with high oil content and better yield compared to previous seasons.
Outcome yield	11.22q/ha
Potential yield of variety	11.00
District average	5.20
State average	5.80

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	5.1	21000	26265	5265	1.25
Demonstration	11.22	24500	42230	17730	1.72
% Increase	60.67	16.66	60.78	236	



Monitoring of linseed



Field day on linseed