

Success Story	
Season	: Kharif
Specific technology name	: Improved Groundnut Cultivation
Name of KVK	Krishi Vigyan Kendra, Peterbar, Bokaro
Name of crop	Groundnut
Name of variety	K-1812
Name of farmer	Prakash Mahto
Farmer address	Village – Lepo, Block- Peterbar, District – Bokaro
Background information about farmer field	Prakash Mahto, a progressive farmer doing farming from 20 years of Lepo village, participated in the demonstration of advanced groundnut cultivation techniques under the guidance of KVK Bokaro Peterbar.
Details of technology demonstrated	Variety: K-1812 + Seed rate: 75 kg/ha + Line sowing: 30x10 cm + Seed treatment: Carbendazim 50WP @ 2.0 g/kg, Soil application: Sulphur @ 22 kg/ha, Enhance yield with timely sowing and intercultural operations at 20-25 days after sowing. Spray: Spinosad 45% SC @ 1 ml/liter, Saaf @ 500 g/ha, Tropicconazole @ 200 ml/ha.
Institutional Involvement	The Krishi Vigyan Kendra, Bokaro supplied inputs and offered technical guidance and support at every stage of the crop cycle.
Success point	Adoption of improved variety and scientific practices enhanced yield through timely sowing, proper spacing, and effective pest management
Farmer feedback	“The K-1812 variety performed well and the yield was better compared to previous years.”
Outcome yield	14.7 q/ha
Potential yield of variety	22.0
District average	11.3
State average	10.13

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	9.1	35400	61725	26325	1.74
Demonstration	14.7	40600	99710	59110	2.45
% Increase	61.38	14.68	49.43	124.53	



Field day Ground nut



Monitoring of groundnut