

Success Story 2024-25	
Season	: Kharif 2024-25
Specific technology name	: Improved Cultivation of Pigeon Pea with IPA 203 Variety
Name of KVK	Krishi Vigyan Kendra, Peterwar Bokaro
Name of crop	Pigeon Pea
Name of variety	IPA 203
Name of farmer	Md. Taslim Ansari
Farmer address	Village – Surhi, Block – Nawadih, District - Bokaro
Background information about farmer field	MD Taslim Ansari is a dedicated farmer from Surahi village, cultivating Pigeon Pea on his 1.0-hectare field. Traditionally, he relied on local varieties and conventional farming practices, resulting in average yields and limited profit.
Details of technology demonstrated	Variety IPA203 + Seed rate @20kg/ha+seed treatments with SAAF @3gm/kg + Line sowing(75x30cm)+Imidachlorprid 1.5 gm/litr and Indoxacarb15.8%SC@333ml/ha+RDF N25P50K25S20 based on soil test+ spray spinosad for disease control
Institutional Involvement	Krishi Vigyan Kendra, Peterwar Bokaro provided training, technical guidance quality seeds, IPM and regular field supervision. The KVK also organized training sessions and field visits for knowledge sharing.
Success point	By adopting the improved cultivation practices, MD Taslim Ansari achieved a yield of 11.5 q/ha, which is significantly higher than the district (7.1 q/ha) and state (8.2 q/ha) averages. This success demonstrates the effectiveness of scientific interventions in enhancing productivity.
Farmer feedback	Md. Idrish Ansari expressed great satisfaction with the improved practices, noting healthier crops, reduced pest incidence, and increased yield. He plans to continue these methods and encourages other farmers in his community to adopt them.
Outcome yield	15.9 q/ha
Potential yield of variety	18.0
District average	7.5
State average	7.0

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	9.8	32500	73990	41490	2.27
Demonstration	15.9	36000	120045	84045	3.33
% Increase	84.51	10.76	62.2	100	

	
Scientist from KVK Bokaro inspecting Pigeon Pea fields,	Field Day on Pigeon Pea: Showcasing the Success of Farmer Md. Taslim Ansari with Guidance from KVK Bokaro Scientists