

Success Story 2024-25

Season : Rabi
Specific technology name : Improved Cultivation Practices for Pigeon Pea

Name of KVK	Krishi Vigyan Kendra, Peterwar Bokaro
Name of crop	Pigeon Pea
Name of variety	IPA203
Name of farmer	Mani Devi
Farmer address	Village – Manipaggar, Block – Chandankiyari, District – Bokaro Aadhar No. 658131684144
Background information about farmer field	Mani Devi cultivates on a medium-sized plot of land with moderate soil fertility. Prior to intervention, the field was managed using traditional methods, resulting in average yields below the district average.
Details of technology demonstrated	Variety IPA203 + Seed rate @20kg/ha+seed treatments with SAAF @3gm/kg + Line sowing(75x30cm)+Imidachlorpid 1.5 gm/litr and Indoxacarb15.8%SC@333ml/ha+RDF N ₂₅ P ₅₀ K ₂₅ S ₂₀ based on soil test+ spray spinosad for disease control
Institutional Involvement	KrishiVigyan Kendra, Peterwar, provided technical guidance, quality seeds, and regular field monitoring throughout the crop cycle.
Success point	The adoption of improved practices and timely interventions led to a significant increase in yield, surpassing both district and state averages
Farmer feedback	Mani Devi expressed satisfaction with the new technology, highlighting improved crop health, reduced pest incidence, and higher yields compared to previous years.
Outcome yield	16.5 q/ha
Potential yield of variety	18
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	9.6	32500	72480	39980	2.23
Demonstration	16.5	36000	124575	88575	3.46
% Increase	71.88	10.76	71.87	121.5	



A thriving pigeon pea crop in the field of Mani Devi—an inspiring example of successful farming under expert guidance.



Field Day on Pigeon Pea: Showcasing the Success of Farmer Mani Devi with Guidance from KVK Bokaro Scientists