

Success Story 2021-22

Season (Kharif) : 2021

Specific Technology: Use of HYV seed, Plant Protection measures.

Name of KVK	Krishi Vigyan Kendra, Boudh
Crop and variety	Greengram, IPM-02-14
Name of farmer & address	Sushant Ku.Kheti Kultakhali, Boudh
Details of technology demonstrated	Use of HYV(IPM-02-14)Seed treatment with carboxin+ thiram; Application of herbicides(pendimethalin 2.5 lit/ha Application of Imidacloprid @0.4 ml/lit , trizaphos 2ml/lit control sucking pest attack
Success point	Resistance to disease and pest.
Farmer feedback	Farmers were satisfied with the yield of new variety.
Yield (q/ha)	
- Potential yield of variety	7.0
- District average (Previous year)	5.76
- State average (Previous year)	4.5

Performance of technology vis-à-vis Local check (Increase in productivity and returns)

UsedPractice	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Farmer practices	5.4	25500	37800	12300	1.48
Demonstration	6.8	20000	50600	30600	2.53
% Increase in yield	25.9				

Quality Photographs: in .jpeg format (5 MB photograph)



Vegetative stage



Rhizobium treatment



Application of Pre-emergence herbicides



Harvesting stage

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Specific Technology: Use of HYV seed, Plant Protection measures.

Name of KVK	Krishi Vigyan Kendra, Boudh
Crop and variety	Pigeon Pea PRG-176
Name of farmer & address	Nityananda Bhukta District: Boudh
Details of technology demonstrated	Use of HYV PRG 176; Seed treatment with carboxin+thiram; Application of herbicides(pendimethalin and imazethapyr)
Success point	Resistance to disease and pest.
Farmer feedback	Farmers were satisfied with the yield of new variety.
Yield (q/ha)	
- Potential yield of variety	9.5
- District average (Previous year)	14.5
- State average (Previous year)	12.2

Performance of technology vis-à-vis Local check (Increase in productivity and returns)

Used Practice	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Farmer practices	5.6	15000	30000	15000	1.6
Demonstration	8.5	12000	39,400	27400	2.1
% Increase in yield	51				

Quality Photographs: in .jpeg format (5 MB photograph)

