

Success story Format for CFLD Pulses (Kharif)

Specific Technology: Demonstration of Pulses (Crop- Black gram)

Name of KVK	Sundargarh-II
Name of Farmer & Address	Bhimsen Patta At- Kudabira PO-Sole Block- Gurundia Dist-Sundargarh, Odisha
Details of Technology demonstrated	Variety- PU-31 Seed rate-20kg/Ha, Seed treatment with Carbendazim @2g/kg of seed. Seed inoculation with Rhizobium @20g/kg of seed, Line sowing spaced at 30X10 cm. Weed management by the application of Pendimethylene @3 litre/ha. Application of PSB @ 5 Kg/ Ha . Micronutrient application with 12.5 kg/ha. Pest management by Imidacloprid @ 125ml/Ha & Profeonophos+Chloro @ 1litre/Ha. Diseases managed by foliar application of (Metalaxyl +Mancozeb) @ 1kg/ha .
Success point	Variety, Seed treatment & seed inoculation, Sucking pest management, weed management
Farmers feed back	Variety PU-31 is highly appreciated for its germination and yield is better than their existing variety. Disease in Black gram is minimized by seed treatment with Carbendazim Sucking pest damage is minimized by application of Imidacloprid 17.8 SL. Weed population is minimized by Application of Pendimethylene followed by one hand weeding.
Yield (q/ha) Potential yield of Varietty District District Average (Previous year) State Average (Previous Year)	8.0 q/ha (Local Mala Biri) 5.4 q/ha 5.04 q/ha

Performance of Technology vis-a vis local check (Increase in Productivity and Return)

Farmer- Bhimsen Patta

Used Practice	Yield (q/Ha)	Gross cost (Rs/ha)	Gross Income (Rs/ha)	Net Income (Rs/ha)	B:C ratio
Farmers Practices	6.2	23600	43400	19800	1.83
Demonstration	8.7	26700	60900	34200	2.28
% increase in yield	40%				

Quality Photographs : in.jpeg.format

