

Success Story

1. Name of KVK : KVK Sundargarh-II
2. A. Farmers Name & Address : Lucas Minz
At /P.o- Lachhada , G.P.- Kundelidihia
Block- Gurundia, Sundargarh.
B. GPS Coordinate (Latitude & Longitude): latitude: 21°46'51.8"
Longitude: 084°43'26.3"
3. Name of crop & variety : Black gram , PU-35
4. Background Information: Though blackgram was cultivated from ancient times in the Lachhada but the yield was not up to expectation. The low productivity of blackgram chiefly due to unavailability of quality seeds. Lack of knowledge regarding crop management and plant protection measure. Being a tribal village, farmers were very much resource poor.
5. Technology Demonstrated : Seedrate @ 50 kg/Ha, Seed treatment with Bavistin @2g/kg of seed, Seed inoculation with Rhizobium @20g/kg of seed, Line sowing spaced with 30x10 cm, irrigation at critical stages of crop growth, Plant protection measures for powdery mildew, pod borer, aphids etc.
6. Institutional Involvement: With involvement of Dept. of Agriculture, KVK Sundargarh-II carried out different operation for the success of blackgram demonstration. Farmer selection, input distribution, conducting of training, field day etc. have been conducted with the support of Agriculture dept.
7. Success Point: Farmers appreciated the technologies that demonstrated by KVK.
These are:
 - (1) Seed quality which are bold and having good germination percentage.
 - (2) Line sowing which minimizes the weed population.
 - (3) Less prone to disease.
 - (4) Yield is better over their local practice.
8. Important parameters: (like seeds/pod, pods/plants, water saving, nutrient saving, labour saving, energy saving etc.):

Details	Findings/results	
	Variety/ Practice/Intervention	Local/control
Parameter 1 (No. of pods/plant)	26	18
Parameter 2 (No. of seeds/pod)	7	6
Parameter 3 (No. of labour engaged)	11	15
Parameter 4 (Yield Q/ha.)	8.2	5.2

9. Outcome :

Practice used	Total cost of Cultivation	Gross Income	Net Income	Cost benefit Ration	% Increase
Seed Treatment, Seed inoculation, Line sowing, Plant protection	23540	65600	42060	2.78	57.0

10. Quality Photographs:(Also sent the photographs in JPG format)

