

CLUSTER FRONTLINE DEMONSTRATION OF RABI PULSES (2018-19) PERFORMANCE DATA

Name of KVK: Kendrapara	Year of establishment: 1996
Host Institution: OUAT	Address: Krishi Vigyan Kendra, Kendrapara PO- Kapaleswar, Dist- Kendrapara
District: Kendrapara	State: Odisha Pin-754211

1. Performance of the demonstration:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology Demonstrated	No. of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C Ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C Ratio
1	Improved management practices of Blackgram Variety PU-31(C)IPM 02-3(F)@ 20 kg/ha, Soil test based fertilizer application, seed Inoculation with 20gm Rhizobium /kg of seed, Line sowing and need based plant protection measures.	13092	19200	6108	1.46	12600	22000	9400	1.74

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/ house hold)
1	Improved management practices of Blackgram Variety PU-31(C)@ 20 kg/ha, Soil test based fertilizer application , seed Inoculation with 20gm Rhizobium /kg of seed , Line sowing and need based plant protection measures.	60000	256	4000	3000	34000	For day today need	4

D. Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	Improved management practices of Blackgram Variety PU-31(C) @ 20 kg/ha, Soil test based fertilizer application, seed Inoculation with 20gm Rhizobium /kg of seed, Line sowing and need based plant protection measures.	Yes	Yes	Yes	Less market demand by trader	Yes	Establishment of processing unit for value addition and awareness about line sowing.

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Variety PU-31(C)70-72 days duration. INM & IPM	Improved management practices of Blackgram with variety PU-31(C) enhance the avg.yield 5.5 Q/ha during Rabi 2018-19.	Resistant to YMV, large seed, Improved management practices of Blackgram with variety PU-31(C) enhance the yield 14.58 % over farmer practices.	Farmers are satisfied with the variety and technology.

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Field Day at Bhandilo	30.03.2019	75
2	Field Day at Bibhutipada	31.03.2019	75

