

CLUSTER FRONTLINE DEMONSTRATION OF KHARIF/ RABI/ SUMMER PULSES (2022-23) PERFORMANCE**DATA REPORTING FORMAT KVK WISE****1. Name of KVK: JAJPUR****2. Host Institution: OUAT****5. District: Jajpur****7. Performance of the demonstration: CFLD Greengram****A. Technical Parameters:****2. Year of establishment: 2002****4. Address: Krishi Vigyan Kendra, Barchana Jajpur****6. State: Odisha**

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	Number 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
1	Greengram	Local variety (jhainmung)	5.7	315	434	1000	High yielding variety- Virat +Seed treatment with vitavax power @2gm /kg of seeds followed by Seed inoculation with liquid biofertilizer Rhizobium @50 ml./kg of seeds + Soil test based fertilizer application + INM ,IDM, IPM and use of yellow sticky trap.	25	10	8.2	6.8	7.6	141.26	75.11	31.57

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	High yielding variety- Virat +Seed treatment with vitavax power @2gm /kg of seeds followed by Seed inoculation with liquid biofertilizer Rhizobium @50 ml./kg of seeds + Soil test based fertilizer application + INM ,IDM, IPM and use of yellow sticky trap.	21500	39900	18400	1.85	24500	53200	28700	2.17

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	Greengram Var. Virat	19000	600	70/-	500	300	For day today need	5

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	High yielding variety- Virat +Seed treatment with vitavax power @2gm /kg of seeds followed by Seed inoculation with liquid biofertilizer Rhizobium @50 ml./kg of seeds + Soil test based fertilizer application + INM ,IDM, IPM and use of yellow sticky trap.	Yes	Yes	yes	Less market demand by trader	yes	Establishment of processing unit for value addition and awareness about line sowing of seeds

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Greengram var. Virat, 60-65 days duration, INM & IPM	Improved management practices of greengram with var. Virat enhance the yield 7.6 qtl/ha during rabi	Improved management practices of greengram with var. Virat enhance the yield 33.34% over farmers practice.	Farmers are satisfied with variety & the technology

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Meeting & group discussion	21.12.2022	30
2	Meeting & group discussion	09.01.2023	25
3	Meeting & group discussion	10.01.2023	20
4	Field visit & group discussion	24.01.2023	30
5	Field visit & group discussion	02.02.2023	25
6	Field visit & group discussion	10.03.2023	25
7	Field day	28.03.2023	50

8. Sequential good quality photographs (as per crop stages i.e. growth & development)



Distribution of input to farmers



Distribution of input to farmers



Land preparation



Seed inoculation with liquid biofertilizer



Seed inoculation with liquid biofertilizer



Sowing of greengram seed



Germination of greengram seed



Spraying of chemicals



Spraying of chemicals

9. Farmers' training photographs



Farmers meeting



Field day cum training

10. Quality Photographs of field visits/field days and technology demonstrated



Installation of yellow sticky trap



Demonstration plot



Line sowing



Field visit of KVK, Sr. Scientist & Head, & Scientist



Field visit of Scientists and Line dept. officials



Field day on greengram var. Virat

11. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Rabi Pulse (Green gram)		88,800/-		
	i) Critical input		80,800/-	
	ii) TA/DA/POL etc. for monitoring		3000/-	
	iii) Extension Activities (Field day)		2500/-	
	iv) Publication of literature*		2500/-	
	Total	88,800/-	88,800/-	

• In case of publication of literature please provide the soft copy along with yield report.

12. List of Farmer under FLD (Crop wise)

a) Crop1

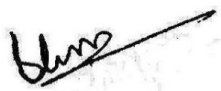
Name of farmer	Father's name	Village	Block	Mobile No.	E mail ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Area (ha)	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude							H	L	A		
Bijaya Ku. Bahalia	Govinda Bahalia	Hamajapur	Dharmasala	7751800858		20°41'8"N	86°11'54"E	Yes	20:40:20	High yielding variety- Virat +Seed	virat	0.4	8 kg			7.9	5.7	38.59

Ghanasha yam Das	Kulamani Das	Hamajapur	Dharmasala	8455038377		20°41'8''N	86°11'54''E	Yes	20:40:20	treatment with vitavax power @2gm /kg of seeds followed by Seed inoculation with liquid Rhizobium @50 ml./kg of seeds + Soil test based fertilizer application + INM ,IDM, IPM and use of yellow sticky trap.	0.4	8 kg			7.2	5.7	26.31
Kailash Ch. Bahalia	Sananda Bahalia	Hamajapur	Dharmasala	8658260676		20°41'8''N	86°11'54''E	Yes	20:40:20		0.4	8 kg			8.0	5.7	40.35
Akshya Bastia	Krupasindhu Bastia	Hamajapur	Dharmasala	9938838387		20°41'8''N	86°11'55''E	Yes	20:40:20		0.4	8 kg			7.5	5.7	31.57
Gopinath Bastia	Chandramani Bastia	Hamajapur	Dharmasala	9668251376		20°41'8''N	86°11'55''E	Yes	20:40:20		0.4	8 kg			7.8	5.7	36.84
Kasinath Bastia	Bhagabann Bastia	Hamajapur	Dharmasala	7327845558		20°41'8''N	86°11'55''E	Yes	20:40:20		0.4	8 kg			7.8	5.7	36.84
Mayadhar a Sahoo	Duryodhan Sahoo	Hamajapur	Dharmasala	9958309583		20°41'7''N	86°11'55''E	Yes	20:40:20		0.4	8 kg			7.5	5.7	31.57
Prasanta Ku. Jena	Prafulla Jena	Hamajapur	Dharmasala	8455035082		20°41'7''N	86°11'55''E	Yes	20:40:20		0.4	8 kg			7.9	5.7	38.59
Bichitra Mallik	Kapila Mallik	Hamajapur	Dharmasala	7326965402		20°41'8''N	86°11'54''E	Yes	20:40:20		0.4	8 kg			8.0	5.7	40.35
Kanhu Ch. Jena	Batakrushna Jena	Hamajapur	Dharmasala	9178845710		20°41'9''N	86°11'54''E	Yes	20:40:20		0.4	8 kg			8.2	5.7	43.85
Santosh Ku. Mallik	Sarata Mallik	Hamajapur	Dharmasala	8658927127		20°41'9''N	86°11'54''E	Yes	20:40:20		0.4	8 kg			7.8	5.7	36.84
Maheswar Mallik	Gajendra Mallik	Hamajapur	Dharmasala	8455022816		20°41'6''N	86°11'57''E	Yes	20:40:20		0.4	8 kg			7.3	5.7	28.07
Bipin bihari Das	Rangadhar Das	Hamajapur	Dharmasala	9937657359		20°41'6''N	86°11'57''E	Yes	20:40:20		0.4	8 kg			7.1	5.7	24.56
Bishnu Ch. Das	Banambard Das	Hamajapur	Dharmasala	8455047126		20°41'6''N	86°11'57''E	Yes	20:40:20		0.4	8 kg			7.2	5.7	26.31
Ashok Mallik	Madhavana Mallik	Hamajapur	Dharmasala	8658985577		20°41'8''N	86°11'54''E	Yes	20:40:20		0.4	8 kg			7.4	5.7	29.82
Sudarshan Sahoo	Duryodhan Sahoo	Hamajapur	Dharmasala	7326050133		20°41'8''N	86°11'54''E	Yes	20:40:20	0.4	8 kg			7.8	5.7	36.84	
Sarata Ch. Bastia	Charan Bastia	Hamajapur	Dharmasala	9556942167		20°41'8''N	86°11'54''E	Yes	20:40:20	0.4	8 kg			7.2	5.7	26.31	
Prafulla Ku. Bastia	Trilochan Bastia	Hamajapur	Dharmasala	8018188646		20°41'6''N	86°11'57''E	Yes	20:40:20	0.4	8 kg			7.1	5.7	24.56	

Rabindra Bal	Krushna Bal	Hamajapur	Dharmasala	8280534905		20°41'6''N	86°11'57''E	Yes	20:40:20			0.4	8 kg			7.9	5.7	38.59
Binod Ku. Samal	Bidyadhar Samal	Hamajapur	Dharmasala	8018865035		20°41'6''N	86°11'57''E	Yes	20:40:20			0.4	8 kg			7.5	5.7	31.57
Charana Mallik	Rangadhar Mallik	Hamajapur	Dharmasala	7684841607		20°41'11''N	86°11'53''E	Yes	20:40:20			0.4	8 kg			8.0	5.7	40.35
Babaji Mallik	Bangali Mallik	Hamajapur	Dharmasala	8658267023		20°41'11''N	86°11'53''E	Yes	20:40:20			0.4	8 kg			6.8	5.7	19.29
Kanhu Ch. Gantayat	Brundabana Gantayat	Hamajapur	Dharmasala	9439306377		20°41'7''N	86°11'55''E	Yes	20:40:20			0.4	8 kg			7.4	5.7	29.82
Tapan Das	Nilamani Das	Hamajapur	Dharmasala	9777173009		20°41'7''N	86°11'55''E	Yes	20:40:20			0.4	8 kg			7.3	5.7	28.07
Bholanath Mallik	Raicharan Mallik	Hamajapur	Dharmasala	9114168022		20°41'6''N	86°11'57''E	Yes	20:40:20			0.4	8 kg			7.4	5.7	29.82

b) Crop2

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Area (ha)	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude							H	L	A		



Signature of Head of Organization

Signature of Programme Co-coordinator

