

CLUSTER FRONTLINE DEMONSTRATION OF RABI OILSEEDS (2019-20) PERFORMANCE DATA REPORTING UNDER SAP

Table 1

State	KVK	Crop Demonstrated	Cluster no.	Existing (Farmer's) Yield (q/ha)	Yield (q/ha) w.r.t.			Area in ha	Number of Farmers	Yield Obtained (q/ha)			Yield Gap Minimized (q/ha) (%)		
					District yield (D)	State Yield (S)	Potential Yield (P)			Max.	Min	Av.	D	S	P
Odisha	Angul	Groundnut	I	18	18.8	3.9	22	40	90	27.8	18.5	22.5	4	18.6	0.5
Odisha	Angul	Groundnut	II	15.8	18.8	3.9	22	25	72	26.5	16.2	20.8	2	16.9	-1.2
Odisha	Angul	Mustard	I	4.5	7.65	3.85	8.88	65	162	8.6	3.5	6.07			

Table 2

Crop Demonstrated	Cluster no.	Farmer's Plot						Demonstration Plot						Yield enhancement due to technology Name
		Technology demonstrated	Existing (Farmer's) variety name	Gross Cost (Rs/ha)	Gross Return (Rs./ha.)	Net Return (Rs./ha.)	B:C Ratio	Technology demonstrated	Demonstrated Plot (variety name)	Gross Cost (Rs/ha)	Gross Return (Rs/ha)	Net Return (Rs/ha)	B:C Ratio	
Groundnut	I	Dharani	AK-1224	40000	72000	32000	1.8	Dharani, Improved seed, seed treatment along with plant protection measures	Dharani	45000	90000	45000	2	High yielding variety dharani,Seed treatment along with timely plant protection measures
Groundnut	II	Dharani	Local	40000	63200	23200	1.58	Dharani, Improved seed, seed treatment along with plant protection measures	Dharani	45000	83200	38200	1.84	High yielding variety dharani,Seed treatment along with timely plant protection measures
Mustard	I	Uttara	Local	17000	18000	1000	1.05	Uttara, Improved seed, seed treatment, micronutrient application along with plant protection measures	Uttara	18500	24280	5780	1.31	Uttara, Improved seed, seed treatment, micronutrient application along with plant protection measures

Table 3

Crop Demonstrated	Cluster no.	Farmer's Feedback	Crop and Variety Demonstration	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/ Household)
Groundnut	I	Farmers were very much happy with the performance of the variety.	Groundnut, Dharani	2250	1940	50	60	250	Domestic purpose	60
Groundnut	II	Farmers were very much happy with the performance of the variety.	Groundnut, Dharani	2080	1850	50	30	200	Domestic purpose	50
Mustard	I	Farmers were happy with the performance of Uttara variety. They promised to continue in the next season but they only need the timely availability of seeds.	Mustard, Uttara	8500	7200	60	400	900	Domestic purpose	42

Table 4

Crop Demonstrated	Cluster no.	Farmer's Preception Parameters (scientists observation)					Suggestions, for Change/ Improvement, If any
		Suitability to the existing farming system (Y/N)	Likings (Varietal ranking)	Affordability (%)	Any Negative Effect (Y/N)	Level of Technology Acceptance to the cluster (%)	
Groundnut	I	Y	More productivity	90	N	95	
Groundnut	II	Y	More productivity	90	N	95	
Mustard	I	Y	Affordable	85%	NO	90	Early supply of seeds can leads to better result

Extension Activities

S.N.	KVK Name	Crop	Extension Activities Organized	Date	Place of Activity	Number of Farmer Attended
1	Angul	Groundnut	Field day	13.03.2020	Barsingha	108
2	Angul	Mustard	Field day	26.02.2020	Jamunali	108

Monitoring

S. No.	Name of KVK	Crop	State	Visits by Director ATARI	Visits by Scientists of ATARI	Visit by Director Extension	Visits by Scientists of DEE	Visits by other members such as representative of DAC&FW, ICAR, etc (Please specify)
1	Angul	Groundnut	Odisha					MD, OSSC limited
2	Angul	Mustard	Odisha					

Summary

S. No.	State	No of KVK	Crop	Variety	Area under demonstrations				No. of demonstrations			Major technologies demonstrated	Average Yield (q/ha)		Yield enhancement due to technology Name
					Allocated	Conducted	Being Conducted in Kharif/ Rabi/ summer	If, area being covered in (Kharif/ Rabi/ summer) Name of crop	Allocated	Conducted	Being Conducted in Rabi		Demonstration	Farmers Practice	
1	Odisha	Angul	Groundnut	Dharani	65	65	Rabi	Rabi, Groundnut	162	162	162	Seed treatment with carbendazim, alternative spraying of imidacloprid and thiomethoxam for aphid management	22.5	18	Dharani, Improved seed, seed treatment along with plant protection measures
2	Odisha	Angul	Mustard	Uttara	65	65	Rabi	Rabi, Mustard	162	162	162	Alternative spraying of imidacloprid and thiomethoxam for aphid management, Profenophos+ Cypermethrin for saw fly management	6.07	4.5	Uttara, Improved seed, seed treatment, micronutrient application along with timely application of plant protection measures