

1. CLUSTER FRONTLINE DEMONSTRATION OF KHARIF/ RABI/ SUMMER PULSES (2022-23) PERFORMANCE

DATA REPORTING FORMAT KVK WISE

2. Name of KVK: ANGUL

2. Year of establishment: 2001

3. Host Institution: OUAT

4. Address: At-Panchamahala, P.o-Hulurisingha,
Dist-Angul-759132

5. District: ANGUL

6. State: ODISHA

7. Performance of the demonstration: Good

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	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.	Blackgram (Kharif)	Khunti biri	4.2	-58	-62	-1080	Use of HYV : PU 31 (Farmers' share); Seed dressing with bio-fertilizer (<i>Rhizobium</i> @20g and PSB @ 25g /kg seed); Application of post-emergence herbicide(Spraying of Imazethapyr 10% SL @1litre/ha at 20 DAS) for effective control of weed); Application of micronutrient (Boron 20.5% @1.0 kg/ha at pre-flowering stages as foliar spray); Plant protection measures (Spraying of Thiamethoxam @ 160g/ha against aphids, Spraying of Cartap hydrochloride 50%SP@ 1kg/ha against pod borer at pod formation stage and Carbendazim 12%+ Mancozeb 63% @ 1kg/ha for leaf spot)	25	10	5.8	4.7	5.3	23.0	22.8	7.33

2.	Pigeonpea (Kharif)	Nali harada	8.9	-80	-63	-1610	Use of HYV : PRG 176 (ICARDA share); Seed dressing with bio-fertilizer (<i>Rhizobium</i> @20g and PSB @ 25g /kg seed); Application of post-emergence herbicide (Spraying of Imazethapyr 10% SL @1litre/ha at 20 DAS) for effective control of weed); Application of secondary & micronutrient (Sulphur 80% WDG @ 1.0kg/ha, Boron 20.5% @1.0 kg/ha and Zinc 21% @ 2.5 kg/ha at pre-flowering stages); Plant protection measures (Spraying of Thiamethoxam @ 160g/ha against aphids/white fly, Spraying of Cartap hydrochloride 50%SP@ 1kg/ha and release of <i>Trichogramma chilonis</i> 50000/ha against pod borer at pod formation stage and Carbendazim 12%+ Mancozeb 63% @ 1kg/ha for leaf spot)	25	10	13.4	9.6	12.2	34.0	34.6	13.2
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B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio

			(Rs/ha)						
1	Use of HYV : PU 31 (Farmers' share); Seed dressing with bio-fertilizer (<i>Rhizobium</i> @20g and PSB @ 25g /kg seed); Application of post-emergence herbicide(Spraying of Imazethapyr 10% SL @1litre/ha at 20 DAS) for effective control of weed); Application of micronutrient (Boron 20.5% @1.0 kg/ha at pre-flowering stages as foliar spray); Plant protection measures (Spraying of Thiamethoxam @ 160g/ha against aphids, Spraying of Cartap hydrochloride 50%SP@ 1kg/ha against pod borer at pod formation stage and Carbendazim 12%+ Mancozeb 63% @ 1kg/ha for leaf spot)	20450	27720	7270	1.36	23650	34980	11330	1.48
2	Use of HYV : PRG 176 (ICARDA share); Seed dressing with bio-fertilizer (<i>Rhizobium</i> @20g and PSB @ 25g /kg seed); Application of post-emergence herbicide (Spraying of Imazethapyr 10% SL @1litre/ha at 20 DAS) for effective control of weed); Application of secondary &	40888	58740	17852	1.44	48641	80520	31879	1.66

<p>micronutrient (Sulphur 80% WDG @ 1.0kg/ha, Boron 20.5% @1.0 kg/ha and Zinc 21% @ 2.5 kg/ha at pre-flowering stages); Plant protection measures (Spraying of Thiamethoxam @ 160g/ha against aphids/white fly, Spraying of Cartap hydrochloride 50%SP@ 1kg/ha and release of <i>Trichogramma chilonis</i> 50000/ha against pod borer at pod formation stage and Carbendazim 12%+ Mancozeb 63% @ 1kg/ha for leaf spot)</p>								
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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	Blackgram (PU 31)	530	170	70	220	140	To meet domestic need	25

2	Pigeonpea (PRG 176)	1220	345	66	550	325	To meet domestic need	92
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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	1. Use of HYV : PU 31 (Farmers' share) 2. Seed dressing with bio-fertilizer (<i>Rhizobium</i> @20g and PSB @ 25g /kg seed) 3. Application of post-emergence herbicide (Spraying of Imazethapyr 10% SL @1litre/ha at 20 DAS) for effective control of weed); 4. Application of micronutrient (Boron 20.5% @1.0 kg/ha at pre-flowering stages as foliar spray) 5. Plant protection measures (Spraying of Thiamethoxam @ 160g/ha against aphids, Spraying of Cartap	High	High	Moderate	Low	Moderate	Liked by farmers
		Moderate	Moderate	Moderate	Low	Moderate	
		Moderate	High	Moderate	Moderate	High	
		Moderate	Moderate	Moderate	Low	Moderate	
		High	Moderate	Moderate	Moderate	Moderate	

	hydrochloride 50%SP@ 1kg/ha against pod borer at pod formation stage and Carbendazim 12%+ Mancozeb 63% @ 1kg/ha for leaf spot)						
2	<p>1. Use of HYV : PRG 176 (ICARDA share);</p> <p>2. Seed dressing with bio-fertilizer (<i>Rhizobium</i> @20g and PSB @ 25g /kg seed);</p> <p>3. Application of post-emergence herbicide (Spraying of Imazethapyr 10% SL @1litre/ha at 20 DAS) for effective control of weed)</p> <p>4. Application of secondary & micronutrient (Sulphur 80% WDG @ 1.0kg/ha, Boron 20.5% @1.0 kg/ha and Zinc 21% @ 2.5 kg/ha at pre-flowering stages)</p> <p>5. Plant protection measures (Spraying of Thiamethoxam @ 160g/ha against aphids/white fly, Spraying of Cartap hydrochloride 50%SP@ 1kg/ha and release of <i>Trichogramma chilonis</i> 50000/ha against pod</p>	High	High	Moderate	Low	Moderate	Liked by farmers
		Moderate	Moderate	Moderate	Low	Moderate	
		Moderate	High	Moderate	Moderate	Moderate	
		Moderate	Moderate	Moderate	Moderate	Moderate	
		High	Moderate	Moderate	Moderate	Moderate	

borer at pod formation stage and Carbendazim 12%+ Mancozeb 63% @ 1kg/ha for leaf spot)							
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E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Use of HYV : PU 31 (Farmers' share); Seed dressing with bio-fertilizer (<i>Rhizobium</i> @20g and PSB @ 25g /kg seed); Application of post-emergence herbicide(Spraying of Imazethapyr 10% SL @1litre/ha at 20 DAS) for effective control of weed); Application of micronutrient (Boron 20.5% @1.0 kg/ha at pre-flowering stages as foliar spray); Plant protection measures (Spraying of Thiamethoxam @ 160g/ha against aphids, Spraying of Cartap hydrochloride 50%SP@ 1kg/ha against pod borer at pod formation stage and Carbendazim 12%+ Mancozeb 63% @ 1kg/ha for leaf spot)	The demonstration performed well with higher production and profit	Demonstrated technology of HYV, Seed dressing with bio-fertilizer; weed management by herbicide; application of micronutrient and proper plant protection measures under CFLD resulted higher grain yield and profit as compared to local check.	Farmers were convinced with the technology and decided to cultivate the variety (PU 31) in next season with same package of practices.
Use of HYV : PRG 176 (ICARDA share); Seed dressing with bio-fertilizer (<i>Rhizobium</i> @20g and PSB @ 25g /kg seed); Application of post-emergence herbicide (Spraying of Imazethapyr 10% SL @1litre/ha at 20 DAS) for effective control of weed); Application of secondary & micronutrient (Sulphur 80% WDG @	The demonstration performed well with higher production and profit	Demonstrated technology of HYV, Seed dressing with bio-fertilizer; weed management by herbicide; application of micronutrient and proper plant protection measures under CFLD resulted higher grain yield and profit as compared to local check.	Farmers were convinced with the technology and decided to cultivate the variety (PRG 176) in next season with same package of practices.

<p>1.0kg/ha, Boron 20.5% @1.0 kg/ha and Zinc 21% @ 2.5 kg/ha at pre-flowering stages); Plant protection measures (Spraying of Thiamethoxam @ 160g/ha against aphids/white fly, Spraying of Cartap hydrochloride 50%SP@ 1kg/ha and release of <i>Trichogramma chilonis</i> 50000/ha against pod borer at pod formation stage and Carbendazim 12%+ Mancozeb 63% @ 1kg/ha for leaf spot)</p>			
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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	16.09.2022, Dangapal	50
2	Field day	31.03.2023, Gobindpur	50

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



i. Pigeonpea (*Kharif*) at vegetative stage



ii. Pigeonpea (*Kharif*) at vegetative stage



iii. Blackgram(*Kharif*) at pod formation stage

9. Farmers' training photographs

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



i. Blackgram(*Kharif*) field visit



ii. Blackgram(*Kharif*) foliar spraying of nutrients



iii. Pigeonpea (*Kharif*) field visit



iv. Pigeonpea (*Kharif*) field visit



v. Blackgram(*Kharif*) foliar spraying of pesticides



vi. Field day on CFLD(Blackgram) on 16.09.22



vii. Field day on CFLD(Pigeonpea) on 31.03.23

11. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Blackgram (<i>Khariif</i>)	i) Critical input	81,000	62,169	18,831
	ii) TA/DA/POL etc. for monitoring	6,500	5,585	915
	iii) Extension Activities (Field day)	2,500	2,500	0
	iv) Publication of literature	0	0	0
	Total	90,000	70,254	19,746
Pigeonpea (<i>Khariif</i>)	i) Critical input	81,000	79,030	1,7
	ii) TA/DA/POL etc. for monitoring	6,500	5,824	676
	iii) Extension Activities (Field day)	2,500	2,500	0
	iv) Publication of literature	0	0	0
	Total	90,000	87,354	2,646

12. List of Farmer under FLD (Crop wise)

a) Crop1 (Blackgram)

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/N o)	Recomm endations based on soil test value	Brief techn ology interv entio n	Variety	Area (ha)	Seed quant ity used	Demo. Yield (q/ha)			Yield of local check q/ha	% incr ease
						Latitude	Longitude							H	L	A		
Kumari Sahoo	Rasa Sahoo	Dangapal	Chhen dipada			21° 6' 59.63"	84° 46' 43.37"	Yes	Urea(20.3 kg/ha), DAP(87.0k	Seed treatm ent,	PU 31	0.4	20 kg	5 . 8	4 . 7	5 . 3	4.2	26.2

									g/ha), MOP(66.7 kg/ha)	weed manag ement, Integra ted pest and disease manag ement and Micron utrient applica tion								
Mohini Majhi,	Madan Majhi	Dangapal	Chhen dipada			21° 8' 2.08"	84° 46' 46.2"	Yes	Urea(20.3 kg/ha), DAP(87.0k g/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Sunei Sahoo	Milu Dhala	Dangapal	Chhen dipada	8114332 083		21° 8' 2.55"	84° 46' 46.12"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Gitanjali Behera	Niranjan a pradhan	Dangapal	Chhen dipada			21° 8' 1.59"	84° 46' 46.23"	Yes	Urea(20.3 kg/ha), DAP(87.0k g/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Gita Behera	Arjuna Behera	Dangapal	Chhen dipada			21° 8' 2.11"	84° 46' 46.21"	Yes	Urea(20.3 kg/ha), DAP(87.0k g/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Droupadi Behera	Dambaru Behera	Dangapal	Chhen dipada			21° 8' 2.07"	84° 46' 46.19"	Yes	Urea(11.8 kg/ha),		PU 31	0.4	20 kg					

									DAP(108.7 kg/ha), MOP(66.7 kg/ha)									
Tikibala Samal	Nakula Dehury	Dangapal	Chhen dipada	9668899 253		21° 8' 2.01"	84° 46' 46.11"	Yes	Urea(20.3 kg/ha), DAP(87.0kg g/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Dhaneswar Sahu	Muralidh ara sahu	Dangapal	Chhen dipada	9937902 673		21° 8' 2.05"	84° 46' 46.22"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Mahanga Sahu	Bikei Sahu	Dangapal	Chhen dipada			21° 8' 2.06"	84° 46' 46.18"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Punia Sahu	Bikei Sahu	Dangapal	Chhen dipada	8018250 480		21° 8' 2.09"	84° 46' 46.17"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Hemanta Swain	Panchana n Swain	Dangapal	Chhen dipada	7077004 017		21° 8' 2.10"	84° 46' 46.15"	Yes	Urea(20.3 kg/ha), DAP(87.0kg g/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Gitanjali Samal	Dambaru dhara Pradhan	Dangapal	Chhen dipada	9556018 210		21° 6' 59.62"	84° 46' 43.38"	Yes	Urea(20.3 kg/ha), DAP(87.0kg g/ha), MOP(66.7		PU 31	0.4	20 kg					

									kg/ha									
Sumati Pradhan	Madhab Behera	Dangapal	Chhen dipada	9437953 937		21° 6' 59.58"	84° 46' 43.30"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Soudamin i Sahu	Adhikari Sahu	Dangapal	Chhen dipada	8457854 423		21° 6' 59.60"	84° 46' 43.32"	Yes	Urea(20.3 kg/ha), DAP(87.0kg g/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Rohita Samal	Kirttan Samal	Dangapal	Chhen dipada	9556857 2178		21° 6' 59.64"	84° 46' 43.34"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Pramila Samal	Saheb Majhi	Dangapal	Chhen dipada	8018748 464		21° 6' 59.61"	84° 46' 43.33"	Yes	Urea(20.3 Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Sabitri Sahoo	Raghunath Majhi	Dangapal	Chhen dipada			21° 6' 59.65"	84° 46' 43.40"	Yes	Urea(20.3 kg/ha), DAP(87.0kg g/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Sita Samal	Chandra Majhi	Dangapal	Chhen dipada	8144391 454		21° 6' 59.63"	84° 46' 43.31"	Yes	Urea(20.3 kg/ha), DAP(87.0kg g/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Sanjay Kumar Samal	Ramachandra Samal	Dangapal	Chhen dipada	9938266 625		21° 6' 59.64"	84° 46' 43.35"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7		PU 31	0.4	20 kg					

									kg/ha									
Minati Samal	Bhajama n Samal	Dangapal	Chhen dipada	7683921052		21° 6' 59.66"	84° 46' 43.39"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Jai Samal	Jugi Sahoo	Dangapal	Chhen dipada	9556036280		21° 6' 59.59"	84° 46' 43.41"	Yes	Urea(20.3 kg/ha), DAP(87.0kg g/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Suman Ranjan Sahu	Gobinda Sahu	Dangapal	Chhen dipada	9937066766		21° 6' 59.57"	84° 46' 43.44"	Yes	Urea(20.3 kg/ha), DAP(87.0kg g/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Jambeswar Pradhan	Bhgaban Pradhan	Dangapal	Chhen dipada	7325882440		21° 6' 59.67"	84° 46' 43.43"	Yes	Urea(20.3 kg/ha), DAP(87.0kg g/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Mandakini Pradhan	C/o-Ratnakar Pradhan	Dangapal	Chhen dipada	9556192366		21° 6' 59.62"	84° 46' 43.42"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					
Jamuna Sahu	Kanhei Biswal 759124	Dangapal	Chhen dipada	9777749326		21° 6' 59.59"	84° 46' 43.45"	Yes	Urea(20.3 kg/ha), DAP(87.0kg g/ha), MOP(66.7 kg/ha)		PU 31	0.4	20 kg					

b) Crop2 (Pigeonpea)

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		
Mayadhar Pradhan	Dandadhar Pradhan	Gobindpur	Angul	9938543895		20° 42' 21.3"	85° 6' 2.03"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4	Seed treatment, weed management, Integrated pest and disease management and Secondary, Micronutrient application	PRG 176	20 kg	134	9162	112	8.9	37.1
Arati Pradhan	Antaryami Pradhan	Gobindpur	Angul	9078230611		20° 42' 21.59"	85° 6' 4.58"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Sisir Pradhan	Dandadhar Pradhan	Gobindpur	Angul	8079704928		20° 42' 21.5"	85° 6' 2.33"	Yes	Urea(20.3 kg/ha), DAP(87.0 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Santosh Kumar	Biranchi Sahu	Gobindpur	Angul	8249558317		20° 42' 22.01"	85° 6' 4.59"	Yes	Urea(20.3 kg/ha),	0.4		PRG 176	20 kg					

Sahu									DAP(87.0 kg/ha), MOP(66.7 kg/ha)									
Pradeep Kumar Sahu	Biranchi Sahu	Gobindpur	Angul	9556076233		20° 42' 21.7"	85° 6' 2.22"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Gopal Pradhan	Chaitana Pradhan	Gobindpur	Angul	7077629323		20° 42' 21.6"	85° 6' 5.58"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Rina Pradhan	Suresh Pradhan	Gobindpur	Angul	8018475388		20° 42' 21.10"	85° 6' 2.29"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Mamata Pradhan	Hadibandhu Pradhan	Gobindpur	Angul	7608004273		20° 42' 22.9"	85° 6' 3.21"	Yes	Urea(11.8 kg/ha), Urea(20.3 kg/ha), DAP(87.0 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Purna Chandra Pradhan	Banamali Pradhan	Gobindpur	Angul	9090251070		20° 42' 21.23"	85° 6' 2.98"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Ainthu Sahoo	Basudeb Sahoo	Gobindpur	Angul	7682089486		20° 42' 21.77"	85° 6' 2.56"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Basanta Pradhan	Banhidhar Pradhan	Gobindpur	Angul	7894853583		20° 42' 21.8"	85° 6' 3.2"	Yes	Urea(20.3 kg/ha), DAP(87.0 kg/ha),	0.4		PRG 176	20 kg					

									MOP(66.7 kg/ha)									
Jaladhar Pradhan	Banhidhar Pradhan	Gobindpur	Angul	8114920070		20° 42' 21.58"	85° 6' 5.45"	Yes	Urea(20.3 kg/ha), DAP(87.0 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Mamata Pradhan	Dayanidhi Pradhan	Gobindpur	Angul	8018700793		20° 42' 22.46"	85° 6' 4.50"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Pabana Kumar Pradhan	Prasan Pradhan	Gobindpur	Angul	7381664851		20° 42' 21.05"	85° 6' 5.08"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Debkrushna Pradhan	Minaketan Pradhan	Gobindpur	Angul	8018069526		20° 42' 21.55"	85° 6' 4.59"	Yes	Urea(20.3 kg/ha), DAP(87.0 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Rashmita Pradhan	Bagal Pradhan	Gobindpur	Angul	9337213685		20° 42' 21.57"	85° 6' 4.55"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Dhobei Pradhan	Sananda Pradhan	Gobindpur	Angul	8249412476		20° 42' 21.5"	85° 6' 4.48"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Nepal Pradhan	Chaitana Pradhan	Gobindpur	Angul	90787117383		20° 42' 21.34"	85° 6' 4.5"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg					
Naba	Suna	Gobindpur	Angul	9777976		20° 42'	85° 6'	Yes	Urea(11.8	0.4		PRG	20 kg					

Nahaka	Nahaka	ur		596		21.55"	4.38"		kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)			176					
Bipin Sahoo	Pranabandhu Sahoo	Gobindpur	Angul	8117925 286		20° 42' 22.03"	85° 6' 5.01"	Yes	Urea(11.8 kg/ha), Urea(20.3 kg/ha), DAP(87.0 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg				
Jhana Pradhan	Gobindpur,	Gobindpur	Angul	9777144 370		20° 42' 21.09"	85° 6' 4.77"	Yes	Urea(20.3 kg/ha), DAP(87.0 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg				
Mamata Pradhan	Bichitra Pradhan	Gobindpur	Angul	9556678 289		20° 42' 21.55"	85° 6' 5.03"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg				
Angad Kumar Sahu	Prafulla sahu	Gobindpur	Angul	9178955 319		20° 42' 21.52"	85° 6' 4.40"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg				
Jayakrishna Pradhan	Kanhu Pradhan	Gobindpur	Angul	9439294 263		20° 42' 22.01"	85° 6' 5.02"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg				
Sanjaya Pradhan	Kanhu Pradhan	Gobindpur	Angul	-		20° 42' 21.21"	85° 6' 4.40"	Yes	Urea(11.8 kg/ha), DAP(108.7 kg/ha), MOP(66.7 kg/ha)	0.4		PRG 176	20 kg				

Signature of Head of Organization

Signature of Programme Co-coordinator