

ANNUAL REPORT-2025
KVK, BOLANGIR (January-December 2025)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
KVK, BOLANGIR At :Larkipali, (RE Farm) PO: Rajendra College Area Dist: Bolangir – 767002, ODISHA	Office	FAX	kvk.bolangir@ouat.ac.in
	--	--	kvkbolangir.ouat@gmail.com

1.2 .Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
OUAT, Bhubaneswar	0674-2397424	0674-2397919	ouatacademic62@gmail.com

1.3. Name of Senior Scientist and Head with phone & mobile No.

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Satyamaya Satapathy	NA	7008096895	kvk.bolangir@ouat.ac.in

1.4. Year of sanction of KVK: 2009

1.5. Staff Position (as on 1st January, 2026)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining KVK/KVK, Bolangir	Permanent/ Temporary	Category (SC/ST/ OBC/ Others)
1	Senior Scientist & Head	Dr. Satyamaya Satpathy	Sr. Scientist & Head (I/C)	Agronomy	57,700-1,82,800 (82,200)	07.06.2021	Temporary	Others
2	Subject Matter Specialist	Mr Monoj Kumar Barik	Scientist(Agril. Extension)	Agril. Extension	57,700-1,82,800 (95,300)	04.01.2006/14.07.2023	Temporary	OBC
3	Subject Matter Specialist	Dr. Prabhat Kumar Padhi	Scientist (Animal Science)	Animal Science	15,600-39100 (19,810)	01.08.2012/19.05.2025	Temporary	Others
4	Subject Matter Specialist	Dr. Rukeiya Begum	Scientist (Plant Science)	Seed Science	15,600-39100 (19,810)	21.05.2015/13.03.2025	Temporary	Others
5	Subject Matter Specialist	Dr. Sudarshanna Kar	SMS(Ag. Engineering.)	Agril. Engineering	56,100-1,82,800 (57,800)	24.09.2024/24.09.2024	Temporary	Others
6	Subject Matter Specialist	Vacant						
7	Subject Matter Specialist	Vacant						
8	Programme Assistant	Vacant						
9	Computer Programmer	Rabi Narayan Satpathy	Prog. Asst (Computer)	Computer	35400-112400 (64,100)	22.08.2005/21.11.2009	Temporary	Others
10	Farm Manager	Sagarika Muna	Farm Manager	Horticulture	35400-112400 (46,200)	05.02.2015/01.03.2016	Temporary	SC
11	Accountant / Superintendent	Vacant						
12	Stenographer	Vacant						
13.	Driver	Upendra Mishra	Driver-cum-Mechanic	-	21700-69100 (28400)	25.07.2008/06.05.2011	Temporary	Others
14.	Driver	Biswabasi Sarangi	Driver-cum-Mechanic	-	21700-69100 (27600)	14.02.2014/14.02.2014	Temporary	Others
15.	Supporting staff	Vacant						
16.	Supporting staff	Vacant						

1.6. Total land with KVK (in ha) :

S. No.	Items	Area (ha)
1	Under Buildings, Roads, Farmers hostel	1.5
2.	Under Demonstration Units	0.5
3.	Under Crops (Seed Production)	7.0
4.	Crop Cafeteria	1.5
4.	Undulating land	2.5
5.	Disputed	2.0
6.	Handed over to Agril. Polytechnique College	1.0
	Total	16.0

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq. m)	Under use or not*	Source of funding
1.	Administrative Building					Yes	550	Under use	ICAR
2.	Farmers Hostel					Yes (1 st Floor)		No	ICAR
3.	Staff Quarters (6)	Not started							
4.	Piggery unit	Not started							
5	Fencing	-		2000 running ft. required		No			RKVY
6	Rain Water harvesting structure	Not started							
7	Threshing floor	Not started							
8	Farm godown					Yes		Under Use	RKVY
9.	Dairy unit	Not started							
10.	Poultry unit	-				Yes	9×5mt	Under Use	RKVY
11.	Goatery unit	Not started							
12.	Mushroom Lab	-				No		Under Use	RKVY
13.	Mushroom production unit	Not started							
14.	Shade house	--				Yes	18X5.5m	Under Use	RKVY
15.	Soil test Lab	-				Yes		No lab equipments	ICAR
16	Seed Processing Unit	Not started							

* If not in use then since when and reason for non-use

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Mahindra Bolero (Old)	2010	5.0 lakh	215636	Condemned
Mahendra Bolero (New)	2024	9.0 lakh	13560	Running
Massey Tractor + trailer	2010	6.0 lakh	23300	Running
Motor Cycle	2012	0.53lakh	18227	Running

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment (Home Science)				
Digital refractometer (B.P.Lab make)-1 no	2017-18	14,950	Functioning	ICAR
Drying Cabinet, Model BPL-25 (B.P.Lab make)—1 no	2017-18	19,898	Functioning	ICAR
Crown cap sealing machine (seapack make)-1 no,	2017-18	5900	Functioning	ICAR
Vacuum cap sealing machine (seapack make)-1 no	2017-18	1980	Functioning	ICAR
Stainless Steel Knife, strainer, decanter, measuring cup set, glass jar -1 no each	2017-18	2322	Functioning	ICAR
Food processor Fx10 (Bajaj make)-1 no	2017-18	4950	Functioning	ICAR
b. Farm machinery				
Automatic hatcher	2020-21	88400	Not started	BTKissan
Rotavator	2012-13	86,100	Running	ICAR
Seed cum fertilizer drill	2012-13	52,100	Running	ICAR
Power thresher cum fan type winner(2nos)	2012-13	39,600	Running	ICAR
Power sprayer(2nos)	2012-13	12,688	Running	ICAR
Nine Tyne cultivator	2012-13	12,400	Running	ICAR
Rotavator	2012-13	86,100	Running	ICAR
AV Aids				
P A System	2011-12	43,445	Functioning	ICAR
DVD Player	2011-12	3790	Functioning	ICAR
Digital camera	2011-12	22,500	Functioning	ICAR
LCD	2011-12	34,900	Functioning	ICAR
Handy cam	2011-12	39,500	Functioning	ICAR
LCD Projector	2011-12	40,163	Functioning	ICAR
Sony Digital camera	2011-12	16,470	Functioning	ICAR
Nikon Digital camera	2011-12	4798	Functioning	ICAR
Picco projector	2017-18	22,000	Functioning	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Rotavator	2012-2013	86,100	Running	ICAR
Seed cum fertilizer drill	2012-2013	52,100	Running	ICAR
Power thresher cum fan type winner(2nos)	2012-2013	39,600	Running	ICAR
Power sprayer(2nos)	2012-2013	12,688	Running	ICAR
Nine Tyne cultivator	2012-2013	12,400	Running	ICAR
Digital Weighing machine	2020-2021	8500	Running	ICAR
Cage wheel	2023-2024	40,000	Running	ICAR

1.8. Details of SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	09.02.26	40	Interventions on non ragi millets in farmers field	- Conducted OFT on non ragi millet- covering area of 2.8 ha involving 7 nos. of Farmers in village- Damkipali & Belpada - Conducted F/FW training on “Cultivation practices of non ragi millets” involving 25 participants at Damkipali	
2			Promotion and use of organic inputs and Popularization of Vermicomposting	- Two nos, of Rural youth training on “Preparation of different organic inputs for Bio-resource centre” involving 40 nos. of rural youth.(under KVK & NICRA project) - One Rural youth training on “Recycling of agricultural waste through vermicomposting” involving 20 nos. of rural youth	
3			Interventions on BPH control in paddy to be taken up in adopted villages	- Conducted OFT on BPH tolerant rice varieties at village-Chikalbahal, Kalijharan, Odiapali in area 4.2 ha involving 7 nos. of farmers in Kharif-2026 - Awareness through advisory for BPH control by distributing leaflets and KMA	
4			Farm machineries involved in minimum	Conducted Demonstration on DSR with minimum tillage at Odiapali village involving 10 farmers I Kharif-2026	

			tillage to be demonstrated at KVK and on campus training may be conducted	Conducted F/FW training on Utility of Zero tillage/Minimum tillage at Odiapali Village on 18-03-2025 involving 25 numbers of farmers	
5			Intervention on Nutritional garden and value addition may be intervened	- Conducted FLD on Nutritional Garden under SCSP programme-Rabi 2025-26 covering 2 ha area involving 15 farmers at village-Chikalbahal & Odiapali - Imparted F/FW training on “Value addition of Vegetables “ involving 25 farmwomen under SCSP programme at village -Larkipali	
6			Climate resilient technologies to be demonstrated in farmers field	- Demonstration on Multiple stress tolerant rice var. Mahendra Giri at village-Odiapali involving 10 farmers covering 4 ha area - Demonstration on Multiple stress tolerant rice var. Chandragiri at village-Odiapali involving 10 farmers covering 4 ha area - Demonstration on Bund plantation of pigeon pea at Odiapali involving 20 farmers covering area of 20 ha I Odiapali - Demonstration of Green manuring in paddy by application of Dhaincha involving 30 farmers covering area of 10 ha at Odiapali - Demonstration on Farm pond- Irrigation facility developed -2 nos. of farm pond at NICRA village - Demonstration of Direct Seeded Rice(DSR) at Bangomunda covering 4 ha involving 10 farmers and 2 ha at Odiapali - Demonstration on vermicomposting by using cement ring tank by involving 20 farmers at Odiapali	
7			Water management by micro-irrigation techniques may be intervened	- Conducted FLD on “Demonstration on drip irrigation with mulching in tomato” at Odiapali and Uparbahal village involving 10 numbers of farmers in 1 ha area during Rabi 2025-26. - Conducted Training on Utility of Mulching with fertigation involving 25 numbers of farmers on 24th November 2025 at Badabahal. - Conducted OFT on “Assessment on irrigation through sprinkler for	

				enhancing yield of green gram” has been conducted during Rabi season 2025-26. OFT was done in Odiapali and Gurgeon village during Rabi 2025-26	
8			Low cost brooding should be well spread in the district to promote LIT bird rearing in backyard through Intervention	• Vaccination and disease management in poultry birds • Chicken and duck rearing in integrated farming systems. • Nutritional deficiency diseases of poultry birds • Conducted Demonstration on day old Khaki Campbell ducks under SCSP involving 25 nos. of beneficiaries. • Proposed Training to 40 numbers of farmers in skill upgradation training in layer farming where brooding skills will also be covered	
9			Intervention on feed management for cow through green fodder and azolla	• F/FW training on Fodder cultivation: Hybrid Napier, Maize, Guinea grass, cowpea, rice bean at Saintala veterinary Dispensary 25 farmers on 22. 07.2024 and • Management practices for rearing of female calves in September. • Training on Azolla cultivation: alternate feed source for livestock in October, • Training for F/FW on Ration balancing in dairy cows in November. • OFT programme on feeding of heifers for early onset of oestrus in Chikalbahal, Odiapali.	
10			Method demonstration and training on Fodder production	• Skill Upgradation training programme on small scale dairy farming in October and December- 60 farmers had first hand discussion in field with successful dairy farmers having standing fodders crops in Bhalupali, Sargad, Bhanpur. • During this training experts from LITC, Balangir took training sessions on cultivation of different fodder crops. • Also, a F & FW training in VD Saintala on Fodder cultivation: Hybrid Napier, Maize, Guinea grass, cowpea, rice bean during July.	
11			Skill training on Quality planting material	• Conducted F/FW training on Nursery Management at village-Bankeda involving 25 Farmwomen on 16.12.25	

			production		
12			Intervention on Rice fallow management techniques	- Conducted 10 ha of Green gram var.Virat under SCSP programme involving 25 farmers in Damkipali - Conducted training for farmers on Green gram cultivation practices - Conducted 10 ha of Groundnut var. Kadiri Lepakshi involving 25 farmers at village Damkipali , Chikalbahal	
13			Training to FPO members on marketing and management aspects	- Conducted 2 nos. of District Level of Training programmes for 50 FPO members (CEOs, BOD members and technical staffs) on Nov & Dec-2025 at KVK on Management, sustainability and development aspects of FPOs - Exposure visit to Kalahandi, district on dt.22.12.25 involving 15 CEOs & BOD members from about 12 FPOs and discussed with entrepreneurs and members of FPOs on marketing & production strategy of vegetables and other products with management aspects of FPOs - Four nos. Of Farmers training conducted involving 100 farmers on cultivation practices of Groundnut, Mustard, natural farming & organic input production	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2025)

Sl. no.	Item	Information
1	Major Farming system/enterprise	Agriculture+ Horticulture+ Animal Husbandry
2	Agro-climatic Zone	Western Central table land zone
3	Agro ecological situation	Plain land Irrigated; Plain land rainfed; Undulating Sub mountainous track ; Undulating plain drought prone
4	Soil type	Mixed Red &black, Red, laterite &Mixed red and yellow
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Paddy- 38 q/ha , Arhar-13q/ha, Greengram-7q/ha, Groundnut-17q/ha, Sunflower-12q/ha
6	Mean yearly temperature, rainfall, humidity of the district	28.1°C, 945mm, 57 %
7	Production of major livestock products like milk, egg, meat etc.	Milk-110 TMT/ annum) ; Egg-445Million/annum) ; Meat-14.1 TMT/annum)

Note: Please give recent data only

2.b. Details of operational area / villages (2025)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Bolangir	Puintala	Odiapali	Paddy, Greengram, Arhar, Cucumber, Vegetable, Poultry, Goat	Severe soil erosion in sloppy uplands. Severe crop weed competition in Kharif upland crops. Low milk production in CB cows and high incidence of diseases Poor growth potential in goats and sheep High chick mortality and poor egg laying potential	Crop diversification, Integrated Nutrient Management Practices, Low cost feeding strategies in livestock Health care management in livestock LIT bird rearing in backyard Farm mechanization
2	Bolangir	Puintala	Kalijharan	Paddy, Greengram, Poultry, Vegetables, Goater, Fishery, Mushroom and vermicomposting	Non availability of waste land management techniques. Severe crop weed competition in Kharif upland crops, High diseases incidence in livestock Low income generation from Poultry	Crop diversification, Farm mechanization, promotion of nutritional garden Health care management in livestock LIT bird rearing in backyard Farm Mechanization
3	Balangir	Patnagarh	Mayabarha	Rice, Greengram, Arhar, groundnut, Cotton Ragi and Vegetables, Poultry, Goater, Fishery, Mushroom and vermicomposting	Stemborer, BPH, Blast in Rice, YMV in Greengram Lack of HYV, Lack knowledge on Improved method of practices, Disease in livestock, deshi bird gives low income,	Integrated Crop management IFS/Crop diversification High Yielding breeds of livestock Income generation activities Farm Mechanization Disease management in Livestock
4	Balangir	Patnagarh	Damkipali	Rice, Millets, Greengram, Groundnut, Cotton, Arhar, Vegetables, Poultry, Goater, Fishery, Mushroom and vermicomposting	Stemborer, BPH, Blast in Rice, YMV in Greengram Lack of HYV, Lack knowledge on Improved method of practices, Disease in livestock, deshi bird gives low income	Crop diversification, Integrated Nutrient Management Practices, Feeding strategies in livestock Farm mechanisation
5	Bolangir	Bolangir	Chikalbahal	Rice, groundnut, Vegetable, Greengram, Cattle, Poultry, Goater, Fishery, and vermicomposting	Lack of storage facility for fruits and vegetables. Severe crop weed competition in Kharif upland crops Low milk production in CB cows Poor growth potential in goats High chick mortality	Crop diversification, Quality seeds and seedling, promotion of nutritional garden Feeding strategies in livestock LIT bird rearing in backyard Farm mechanisation
6	Bolangir	Loisingha	Pipili	Rice, Groundnut, Greengram, Sesame, mustard, vegetable. Arhar, Cattle, Poultry, and vermicomposting	Stemborer, BPH, Blast in Rice, YMV in Greengram Lack of HYV, Lack knowledge on Improved method of practices, Disease in livestock, deshi bird gives low income,	Integrated Crop management IFS/Crop diversification High Yielding breeds of livestock Income generation activities Farm Mechanisation Disease management in Livestock

2.1 Priority thrust areas

S. No	Thrust area
1.	Integrated Nutrient management in Rice, Pulses, Oilseeds and Vegetables
2.	Integrated Pest Management in crop production
3.	Integrated Weed Management in crop production
4.	Integrated Farming System Development
5.	Introduction of Pest and Disease tolerant/resistant variety of crops
6.	Drought tolerant and moisture stress varieties of rice
7.	Income generation activities like Mushroom production, vermicomposting, floriculture, Value addition of pulse and vegetables
8.	Introduction of small tools and implements
9.	Farm Mechanization in agriculture
10.	Micro-irrigation system development
11.	Disease Management in Live stock
12.	Introduction of improved breeds of livestock
13.	Integrated fish farming
14.	Development of Farmers Producer Groups and its management
15.	Management of Village level groups-SHG,FIG,PG etc.

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievement of mandatory activities by KVK during the year

OFT												FLD											
No. of technologies tested:												No. of technologies demonstrated:											
Number of OFTs		Number of farmers										Number of FLDs				Number of farmers							
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
9	9	63	8	7	6	3	32	7	46	17	63	16	16	190	19	24	14	10	69	54	102	88	190

Training												Extension activities											
Number of Courses		Number of Participants										Number of activities		Number of participants									
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
80	61	1560	142	206	61	59	741	252	958	455	1413	300	238	8000	168	154	176	271	4527	1897	6461	732	7200

Impact of capacity building																					
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T
135	135	11	5	14	11	40	44	75	60	135											

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
260	239.6	150000	100250

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
-	-	100	40

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	4	-	4	5.3	5.2	=	=
Seminar/conference/ symposia papers							
Booklets			-	-	-	-	-
Bulletins							
News letter	1	500	-	-	-	-	-
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature							
Technical reports	16	46					
Electronic Publication (CD/DVD etc)							
TOTAL	21	546					

3.1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of Non Ragi millet crops for diversification of Millet production system
2.	Problem diagnosed	Scope for improvement in yield of millet crops and crop diversification
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO ₁ :Little millet TO ₂ :Pearl millet TO ₃ :Sorghum
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Source :IIMR, 2023
5.	Production system and thematic area	Rice-Rice cropping system, Crop improvement
6.	Performance of the Technology with performance indicators	yield of individual crops, ragi equivalent yields, economics
7.	Final recommendation for micro level situation	Although Sorghum showed more Ragi equivalent yield, it is recommended to grow Ragi in farmers field due to easy procurement centre.
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Farmers are satisfied with the research

Thematic area:

Problem definition:Scope for improvement in yield of millet crops and crop diversification.

Technology assessed:

TO₁ :Little millet

TO₂ :Pearl millet

TO₃ :Foxtail millet

TO₄ :Sorghum

Table:

Results	Plant Height (cm)	Yield (q/ha)	Finger millet EY (q/ha)	Profit (Rs)	B:C
FP: Finger Millet (Var. sreeratna)	94.3	11.6	11.6	21200	1.75
TO ₁ : Little Millet (Var. Kalinga Suan-18)	116.4	10.3	10.8	17850	1.63
TO ₂ : Pearl Millet	125.8	19.7	12.1	21700	1.72
TO ₃ : Fox tail Millet	82.6	9.8	10.3	19100	1.76
TO ₄ : Sorghum	197.5	16.8	13.2	24600	1.77
CD (0.05)	2.61	0.48	0.72	549.5	0.06



OFT-2

1.	Title of On farm Trial	Assessment on BPH resistant varieties of Paddy
2.	Problem diagnosed	Low yield due to BPH infestation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO ₁ : CR Dhan 803 TO ₂ : CR Dhan 413 TO ₃ : Hasanta
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Source: NRRI,2021 and OUAT 2019
5.	Production system and thematic area	Rice-Rice cropping system
6.	Performance of the Technology with performance indicators	Effective panicles/ m ² , No of filled grains /Panicle, BPH incidence percentage , Yield (q/ha), B:C ratio
7.	Final recommendation for micro level situation	To be conducted another year
8.	Constraints identified and feedback for research	Limited availability of BPH-resistant variety seeds at local level, Variability in pest infestation linked to climatic fluctuations
9.	Process of farmers participation and their reaction	Farmers are satisfied with the research, Farmers actively participated in field operations, monitoring pest incidence, and evaluation of crop performance

Thematic area:

Problem definition: Low yield due to BPH infestation.

Technology assessed:

TO₁ : Hasanta : BPH resistant, Approximately 145 days, Small bold grains, moderate resistance to Leaf Folder, Leaf Blast, Sheath Blight, and Bacterial Leaf Blight (BLB), 43.8 q/ha

TO₂ : CR Dhan 803 : moderate resistance to BPH, multi-stress tolerant, Submergence tolerance (*Sub1*)

- TO₃ : CR Dhan 413 : resistance to BPH, White-Backed Plant Hopper (WBPH), and Stem Borer. 5.5 to 6.0 t/ha

Table:

Technology options	Plant height (cm)	No. of effective tillers/plant	1000 grain weight (g)	Yield Q/ha	% increase in Yield	Net return (Rs./ha)	B:C ratio
FP : Rice variety Puja	117.2	10.10	20.8	40.11	-	34,253	1.59
TO1 : Hasanta	118.1	12.21	22.5	43.85	9.32	45,855	1.83
TO2 : CR Dhan 803	113.4	13.15	24.2	46.12	14.98	51,076	1.92
TO3 :CR Dhan 413	114.6	12.22	23.6	44.68	11.39	47,764	1.86
C.D (0.05)	0.79	0.43	0.37	0.73			
S.E(m)	0.26	0.14	0.12	0.24			



OFT-3

1.	Title of On farm Trial	Assessment on Bio-fortified Rice varieties
2.	Problem diagnosed	Malnutrition in farm families due to lack of micronutrient-rich food in daily diet.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO ₁ - DRR 48 TO ₂ -CR Dhan 311 TO ₃ -CR Dhan 315
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IRRI 2015, NRRI, 2019 and CRRI,2020
5.	Production system and thematic area	Rice-Greengram,
6.	Performance of the Technology with performance indicators	Effective panicles/ m ² , no of filled grains /Panicle, Yield (q/ha)
7.	Final recommendation for micro level situation	To be conducted another year.
8.	Constraints identified and feedback for research	Limited awareness among farmers about bio-fortified varieties and research required for yield stability and nutrient retention
9.	Process of farmers participation and their reaction	Farmers actively participated in transplanting and observation of the crop parameters.

Thematic area:

Problem definition: Malnutrition in farm families due to lack of micronutrient-rich food in daily diet.

TO₁ - DRR 48 semi-dwarf, long-grain variety known for its high zinc content and relatively short maturity period of around 125-130 days

TO₂ -CR Dhan -311, duration 120-125 days having Protein content of at least 10% and moderately high Zinc.

TO₃ -CR Dhan 315 (IET 27179: CR 2826-1-1-2-4B-2-1) has as bio-fortified characteristics, high zinc rice variety It contains an average 25 ppm zinc in milled rice It has medium duration (125-135 days), National average of grain yield of this variety was 5054 kg ha⁻¹.

Table:

Technology options	Plant height (cm)	No. of effective tillers/plant	1000 grain weight (g)	Yield Q/ha	% increase in Yield	Net return (Rs. /ha)	B:C ratio
FP : Rice MTU 1156	112.7	10.21	20.5	38.52	-	33,596	1.61
TO1 : CR Dhan 311	116.8	12.52	21.8	42.72	10.90	43,256	1.78
TO2 : CR Dhan 315	118.5	13.65	23.3	44.05	14.35	46,315	1.84
TO3 : DRR 48	110.2	11.82	20.7	41.25	7.08	39,875	1.72
C.D (0.05)	1.22	0.70	0.36	1.06			
S.E(m)	0.40	0.23	0.12	0.35			



OFT-4

1.	Title of On farm Trial	Assessment of Wet Land Power Weeder in Paddy
2.	Problem diagnosed	Labour intensive, Drudgery prone and time consuming operation in manual weeding
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1:MandwaWeeder TO2: Wet Land Power Weeder
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on ESA, CAET, OUAT, 2011 & 2013
5.	Production system and thematic area	Rice-Greengram, Farm mechanization
6.	Performance of the Technology with performance indicators	Field capacity (ha/h), Weeding Index(%)
7.	Final recommendation for micro level situation	Power operated Wet land power weeder are more efficient in weeding in rice.
8.	Constraints identified and feedback for research	Row to row spacing is to be maintained at minimum 25cm.
9.	Process of farmers participation and their reaction	Training and demonstration

Thematic area: Farm mechanization

Problem definition: Labour intensive, Drudgery prone and time consuming operation in manual weeding

Technology assessed: TO1:MandwaWeeder

TO2: Wet Land Power Weeder

Result:

Technology		Field capacity (ha/h)	Labour requirement (mandays/ha)	Cost of operation (Rs/ha)	Weeding efficiency	Yield (q/ha)	Net Income (Rs/ha)	B:C
FP	Manual weeding	0.007	15	4600	99.2	40.8	33860	1.8
TO1	Mandwa Weeder	0.018	8	2200	86.4	41.9	37150	1.9
TO 2	Wet Land Power Weeder	0.080	2	1450	88.5	43.3	40350	2.0



OFT-5

1.	Title of On farm Trial	Assessment on Irrigation through Sprinkler for Enhancing Yield of Greengram
2.	Problem diagnosed	Moisture stress due to uneven or no irrigation and reduced yield during critical growth stages.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO ₁ :One irrigation through sprinkler before pre-flowering stage – improves water use efficiency and promotes early crop vigor TO ₂ :Two sprinkler irrigations: 1) before pre-flowering, 2) before pod formation – ensures adequate moisture during critical stages, enhancing yield potential
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IIWM, Bhubaneswar, Annual Report 2017-18
5.	Production system and thematic area	Green gram
6.	Performance of the Technology with performance indicators	Water Use Efficiency (kg/ha-mm), Labour requirement (man-days/ha), Yield (q/ha), cost of cultivation
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: Soil Water Conservation

Problem definition: Moisture stress due to uneven or no irrigation and reduced yield during critical growth stages.

Technology assessed: TO1 : One irrigation through sprinkler before pre-flowering stage – improves water use efficiency and promotes early crop vigor,

TO2 :Two sprinkler irrigations: 1) before pre-flowering, 2) before pod formation – ensures adequate moisture during critical stages, enhancing yield potential

Result:

Technology		Yield (q/ha)	Pods/ Plant	Cost of operation (Rs/ha)	Gross return (Rs/ha)	Net Income (Rs/ha)	B:C ratio
FP	No irrigation (rainfed)	6.8	28	22000	47600	25600	2.16
TO1	One sprinkler irrigation before pre-flowering	8.4	35	25000	58800	33800	2.35
TO 2	Two sprinkler irrigations (pre-flowering + pod formation)	9.8	44	27000	68600	41600	2.54



OFT-6

Title of the OFT	Technology options
Assessment of effective channels for dissemination of detail information on Entrepreneurship development schemes	FP: Information received from extension functionaries TO1: Information received from print media/literatures of govt. TO2: Information received from social media

Results :

Tech. Options	Understanding of Message		Timeliness		Accuracy		Change In Knowledge		Accessibility	
	MS	Gap(%)	MS	Gap(%)	MS	Gap(%)	MS	Gap(%)	MS	Gap(%)
FP	1.96	34.66	1.66	44.6	1.66	44.66	1.73	42.3	1.53	49
TO1	2.33	22.33	2.27	24.34	2.03	32.33	2.27	24.3	1.76	41.4
TO2	2.53	15.66	2.44	18.6	2.46	18.0	2.56	14.6	2.63	12.33

Result: Farmers getting information from social media is time based with accurate message & clear understanding with greater accessibility which helps in entrepreneurship development better than the use of print media and extension functionaries



OFT-7

Title of OFT	Technology options
Assessment of adoption of rice fallow management programmes	FP: Farmers keeping areas fallow after rice Cultivation TO1: Farmers cultivating pulses/oilseeds in fallow areas under any govt. (line dept./KVK) assistance/programme TO2: Farmers discontinue after discontinuance of govt. assistance

Result:

Tech. Options	Awareness on crop diversification		Extension Approach		Availability of resources		Feasibility of Technology	
	MS	Gap(%)	MS	Gap(%)	MS	Gap(%)	MS	Gap(%)
FP	1.53	49.0	1.18	60.6	1.34	55.3	1.38	54
TO1	1.81	39.6	2.01	33.0	2.07	31.0	1.95	35
TO2	1.62	46.3	1.44	52.0	1.5	50.0	1.75	41.6

Recommendations-

Awareness on crop diversification and feasibility of technology is there, but discontinuation is due to lack of resource availability like agro inputs, and follow up extension approach, resource availability also reduces after withdrawal of schemes or govt assistance. Adoption is more in TO1 with govt assistance & existing of schemes as all parameters are high



OFT-8

1.	Title of On farm Trial	Assessment of low cost concentrate mixture on CB heifer for early onset of estrus
2.	Problem diagnosed	Delayed estrus in CB heifers due to Improper nutrition of dairy heifer animals, late puberty
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO-1: Grazing + Straw @ 6-8 kg/day + Conc. Mix 1 (Maize-50%, Wheat bran-30%, GNOC-17%, mineral mix -2.5%, salt -0.5%) TO2: Grazing + Straw @ 6-8 kg/day + Conc. Mix 2 (Maize-25%, Broken rice-25% Wheat bran – 30%, GNOC-10%, mineral mix -2.5%, salt -0.5%)
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	ICAR-IGFRI, Jhansi -2017
5.	Production system and thematic area	Grazing and Homestead
6.	Performance of the Technology with performance indicators	Body weight at puberty, age at first heat
7.	Final recommendation for micro level situation	Concentrate feeding increased the BW gain and supported early maturity
8.	Constraints identified and feedback for research	Feed cost increasing trend, focus on stable techniques like feeding by-pass fat.
9.	Process of farmers participation and their reaction	Interaction and field visit, specialized govt prog for subsidy assistance for feed

Thematic area:

Problem definition: Delayed estrus in CB heifers due to Improper nutrition of dairy heifer animals, late puberty

Technology assessed: TO-1: Grazing + Straw @ 6-8 kg/day + Conc. Mix 1 (Maize-50%, Wheat bran- 30%, GNOC-17%, mineral mix -2.5%, salt - 0.5%)

TO2: Grazing + Straw @ 6-8 kg/day + Conc. Mix 2 (Maize-25%, Broken rice- 25% Wheat bran – 30%, GNOC-10%, mineral mix -2.5%, salt - 0.5%)

Table:

Technology	No. of trials	Yield component			* Extra milk/day (kg)	Total extra milk (kg/animal)	Gross return (Rs/animal)	Gross cost (Rs/animal)	B:C ratio
		Avg. BW at Puberty (kg)	Age at First Heat (months)	Lactation months added					
FP- Grazing , heavy straw feeding and occasional concentrate feeding (4-5 kg wheat bran	04	231 $\pm$ 4.1	32.3 $\pm$ 1.11	4.0 $\pm$ 0.20	—	—	0	7500	0
TO1- Grazing + Straw @ 6-8 kg/day + Conc. Mix 1 ICAR-IGFRI, Jhansi -2017	04	259 $\pm$ 2.9	27.5 $\pm$ 0.65	5.5 $\pm$ 0.15	5.5	907.5	31,763	19,800	1.60
TO2- Grazing + Straw @ 6-8 kg/day + Conc. Mix 2 ICAR-IGFRI, Jhansi -2017	04	246 $\pm$ 3.8	28.8 $\pm$ 0.86	4.8 $\pm$ 0.18	5.5	792	27,720	15,985	1.73

Results:



OFT-9

1.	Title of On farm Trial	Assessment of Duck breeds in Bolangir District
2.	Problem diagnosed	Ducks reared are either Desi or from local sellers. Duckling mortality is more in case of local sellers and associated with poor growth in case of desi ducks.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1: Khaki Campbell Day old ducklings each 10 nos. TO2: DK (Desi X Khaki Campbell) Day old ducklings each 10 nos.
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	ICAR-CARI, BBSR, 2016-17
5.	Production system and thematic area	Homestead, LPM
6.	Performance of the Technology with performance indicators	Duckling mortality, Weight Gain in 6,8,10 and 16 weeks, Egg production status
7.	Final recommendation for micro level situation	Weight gain in DK breed is better in comparison to Khaki. Mortality is also less in case of DK
8.	Constraints identified and feedback for research	Availability of DK breed may be a constraint, non existence marketing channel for duck, crop damage
9.	Process of farmers participation and their reaction	Direct participation and interaction, low maintenance, suitable for household consumption for egg

Thematic area:

Problem definition:

Technology assessed:

Table:

Results (20 no birds)	No. of trials	Avg. mortality up to 4 weeks	Avg. BW at 6week age	Body weight at 20 th week (Kg)	Mortality rate (%)	Egg/bird (40 to 72th week)	% increase	Cost of cultivation/20 birds	Gross return (eggs+50% male birds)	Net return	BC
FP-Local ducks or ducklings from local sellers	10	14%	485 g	0.86	36	76		1400	5800	4400	4.14
TO1-Day old Khaki campbell with intensive rearing up to 15days then reared following backyard system	10	15%	850 g	1.42	18	154	102%	2200	9700	7500	4.40
TO2-Day old DK duck with intensive rearing up to 15days then reared following backyard system	10	11%	970 g	1.54	14	182	139%	2200	11100	8900	5.04

Results:

Good quality photographs of different treatments:

Please provide all the OFTs in same format

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ Demonstration										Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total				
						M	F	M	F	M	F	M	F	T		
1	Rice	Varietal evaluation	Kalinga Dhan 1203 is of medium slender grain type with the average yield of 54.3 q/ha, 135days duration and suitable for irrigated medium lands. Line sowing with spacing 20cm X 15cm, seed rate- 60kg/ha and application of fertilizer NPK @ 60:30:30	2	2	-	-	-	-	10	-	10	-	10		
2	Rice	Varietal evaluation	Cultivation of aromatic rice variety Kalikati (135days). Line sowing with spacing 20cm X 15cm, seed rate- 05kg/ha and application of fertilizer NPK @ 40:30:30	2	2	-	-	-	-	10	-	10	-	10		
3	Sunflower	INM	STB fertiliser application (RDF: 60-80-60 kg N: P ₂ O ₅ : K ₂ O/ha) + ZnSO ₄ @ 25 kg/ha + Borax @10 kg/ha + Biofertilizer(Azotobacter+Azospirillum + PSB 1:1:1 @4 kg /ha each) incubated with FYM for 7 days	2	2	-	-	-	-	10	-	10	-	10		
4	Finger millet	Varietal evaluation	OUAT Kalinga Ragi-1 (Shreeratna) Duration- 117 days, light brown seed colour, Average yield-2416 kg/ha. Resistant to brown spot and foot rot , moderately resistant to blast disease , stem borer, aphid and grass hopper Seed rate- 5kg/ha for line transplanting with spacing 22.5 X 10 cm and application of NPK @ 40: 20:20	1	1	-	-	-	-	10	-	10	-	10		

5	Groundnut	Varietal evaluation	Kalinga ground nut-101 has an average pod yield of 1.7t/ha, suitable for cultivation under residual soil moisture and tolerant to drought, foliar fungal diseases, late leaf spots & rust.	1	1	-	-	-	-	10	-	10	-	10	
6	Sesamum	INM	STBFR+Soil application of PSB@5kg/ha+Sulphur@20 kg/ha	2	2	2	0	2	0	6	0	10	0	10	
7	Toria	IWM	Application of pendimethalin 30 EC @0.75 kg/ha fb application of rice straw mulch at 12 DAS	1	1	2	-	1	-	3	4	6	4	10	
8	Groundnut	Technology dissemination	Demonstration of usefulness of crop calendar for improving the technical knowledge of farmers and application of technology in groundnut	20	20	8	0	17	0	54	1 1	79	1 1	90	
9	Rice	Climate change	Demonstration on extent of adoption of climate resilient technology among farmers for sustainable production	10	10	0	0	0	0	0	0	56	2 4	90	
10	Mushroom	Post harvest management	Pre-cooling 6 kg paddy straw mushroom at 14°C for 2h followed by packing in 75 µ HIPS punnet (24 no of punnets with 250 g sample) can be transported to distant markets in modified EPS cabinet with 6 kg ice placed in the separate side compartment	100 beds	100 beds										
11	Tomato	ICM	Use of 50 micron mulch film with inline drip irrigation (emitter discharge 4 lph) operating for 1 hr-2hr daily and water use efficiency will be increased by 30-40% yield enhancement (15-20)%	0.8	0.8										
12	Groundnut	Farm Mechanization	Sowing of groundnut seeds by tractor drawn Multicrop planter	2	2										
13	Goat	LPM	Feeding of kids with mineral mixture (ASMM) @ 10g/day and concentrate @ 50-80 g/goat/day up to 60 days	60 goats	60 goats	2	0	4	0	1 4	0	2 0	0	2 0	
14	Goat	LPM	Supplementation of 100 g concentrate and 20g mineral mixture for 30 days before parturition up to 60 days after parturition	40 goats	40 goats	1 2	8	0	0	0	0	1 2	8	2 0	

15	Tuberose	Floriculture	Planting in June-July Spacing 30X30 N:P:K 160:160:160	0.4	0.4	2	0	0	0	7	1	2	8	10	
16	Okra	Varietal substitution	Cultivation of Okra var. Kasi Chandan with recommended practice	2	2	0	0	0	0	10	0	0	0	10	

Cereals

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P ₂ O ₅	K ₂ O					
Rice	<i>Kharif</i>	Rainfed Medium land	loam	267.00	16.34	300.50	Left fallow	13.07.25	24.12.25	969.19	62
Rice	<i>Kharif</i>	Irrigated medium land		255	13.31	322.00	Green gram	17.07.25	30.12.25	969.19	62
Finger Millet	<i>Kharif</i>	Irrigated medium land	loam	220	12	316.00	Left fallow	11.08.25	25.11.25	969.19	62
Sunflower	Pre-Kharif	Irrigated medium land	loam	240	13	333.00	Rice	07.01.26	28.03.26	969.19	62
Groundnut	Pre-Kharif	Irrigated upland	loam	278.00	18.22	320.00	Green gram	26.12.25	04.04.26	969.19	62
Sesame	Pre-Kharif	Irrigated upland	loam	275.00	18.00	337.00	Groundnut	10.02.26	17.04.26	969.19	62
Toria	<i>Rabi</i>	Irrigated medium land	loam	244	14.20	313.00	Rice	11.11.25	06.01.26	969.19	62

In both the Tables, information of same crop should be provided. For example, if in Table 3.2A crops are mentioned as a,b,c,d etc., in the table for Details of farming situation, the same crop should be mentioned in the identical sequence.

Performance of FLD
Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Total															

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Pulses:

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
	Total														

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other Parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Rice	Varietal evaluation	Demonstration on rice variety Kalinga dhan-1203	10	2	41.25	36.81	12	12.85	9.52	43000	89925	39875	1.72	48000	79152	29663	1.53
Rice	Varietal evaluation	Demonstration of Aromatic rice variety Kalikati for higher profitability			29.25	25.81	13.32	8.31	5.85	48000	81900	33900	1.7	48000	72268	24268	1.5
Fingermillet	Varietal evaluation	Demonstration of high yielding variety of Finger millet variety Sheeratan	10	1	14.51	9.86	47.26	2.3	1.6	32086	62247	30290.8	1.94	32045	42299	10299.4	1.32
Tuberose	Varietal substitution	Planting in june-july Spacing 30X30 N:P:K 160:160:160	10	0.5	133	101	31	-	-	60000	159600	99600	1.6	56200	110400	63200	1.1
Okra	Varietal substitution	Planting in Oct- spacing 45cmx35cm NPK: 100:60:60	10	2	144	102	41	-	-	118000	360000	242000	3.2	110000	255000	145000	2.3
		Total															

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			** BC R
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	
Dairy																	
Cow																	
Poultry																	
Pigerry																	
Sheep and goat	LPM	Demonstration on dietary supplementation of mineral mixture and concentrate on juvenile growth of goats	10	60	Wt. gain in 2m period Kg (3-5 months) 5.78 ± 0.3	Wt. gain in 2m period Kg (3-5 months) 3.40 ± 0.25	126	-	-	537/ goat In 2 months (Labour + Conc. (@70g/day) + Probitotic	2601 ± 135/ goat as per 2m wt gain (@ Rs.400/Kg meat)	2064 ± 135/goat as per 2m wt gain	4.86	360/ goat/ 2monts (labour cost)	1530 ± 112/ goat as per 2m wt gain (@ Rs.400 /Kg meat)	1170 ± 112/goat as per 2m wt gain	4.25
Sheep and goat	LPM	Demonstration on mineral mix supplementation to improve production performance of goats in periparturient period	10	60	Body weight (in Kg)of kids at 3 months 4.70 ± 0.13 Body weight of doe at end of intervention 24.2 ± 1.3	Body weight (in Kg)of kids at 3 months 3.90 ± 0.15 Body weight of doe at end of intervention 23.1 ± 1.2	20.5	Avg. No. of kid born 1.75 ± 0.12	Avg. No. of kid born 1.70 ± 0.10	2225 ± 60	3169 ± 150	944 ± 150	1.42	1800 ± 50	2440 ± 110	640 ± 110	1.36
Duckery																	
Others (pl.specify)																	
Total																	

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Fisheries :

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl.specify)																	
	Total																

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** B
Paddy straw mushroom																
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																
	Total		10	10												

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Other Demonstration programme

Title-	Demonstration on effectiveness of short technology videos on technology adoption			
Details of Technology-	Preparation of small videos (1.5-2.0 minutes) on mushroom production and same will be sent through WhatsApp to the identified farmers			
Observation Parameters	Farmers Practice		Recommended Practice	
	Mean Score	Gap %	Mean Score	Gap %
Informative	2.5	16.6	2.76	8
Understandable	2.16	28	2.8	6.7
Timeliness	2.4	20	2.5	16.6
Applicability	2.1	30	2.73	9
Sustainability	1.96	20	2.53	15.6
Change in Knowledge	1.83	39.0	2.63	12.3
Change in skill	1.46	51.3	2.40	20.0
Change in adoption	1.63	45.6	2.33	22.3
Result-	In demonstration practice, minimum gap is found in case of understanding of the message /technology and it is recommended to provide the video information in time . In farmers practice maximum gap is observed in case of skill up gradation and higher level of adoption is found in recommended practice			

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women					
Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					
Infants					

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demons ration	Check									
tractor drawn rotavator	Rice	tractor drawn rotavator	10	1	42.6	63.4	48.8	5000		2500		39,820		43,270	
Tractor drawn multicrop Seed cum fertilizer drill	Groundnut	Tractor drawn multicrop Seed cum fertilizer drill	5	2	Field capacity(ha/h) 0.4	Field capacity(ha/h) 0.066						53239		42389	

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone

** BCR= GROSS RETURN/GROSS COST

[illegible]

[illegible]

Extension and Training activities under FLD

Performance of the demonstration under Model Pulse Village Programme and CFLD on Oilseed Crops during Kharif 2025,Rabi-2025-26:

[illegible][illegible]

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)

D. Pulses 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

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended

G. Sequential good quality photographs (as per crop stages i.e. growth & development)**Farmers' training photographs****H. Quality Action Photographs of field visits/field days and technology demonstrated.****J. Details of budget utilization**

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input			
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv) Publication of literature			
	Total			

B. Technical Parameters (CFLD on Oilseed-2025-26)

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.	Avg.	D	S	P
1	Groundnut	Local	12.7	1520	467	1000	Groundnut var. Kadiri Lepakshi with PP chemicals	100	40	18.2	15.3	16.2	18.4	16.5	36.3
2.	Mustard	Local	7.1	1205	1001	1400	Mustard var. Sampoorana with PP chemicals	75	30	9.8	7.4	8.7	7.6	28.5	34.4

i. 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	Groundnut var. Kadiri Lepakshi with PP chemicals	48000	101600	53600	1.8	55000	129600	74600	2.35
2	Mustard var. Sampoorana with PP chemicals	41000	71000	30000	1.73	45000	87000	42000	1.93

ii. 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	Groundnut var. Kadiri Lepakshi with PP chemicals	162000	1400	120	6000	8500	Fulfilling the Household requirements and Daily Need	4

2	Mustard var. Sampoorna with PP chemicals	65200	750	100	250	6500	Fulfilling the Household requirements and Daily Need	3
---	--	-------	-----	-----	-----	------	--	---

iii. Oilseed 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	Groundnut var. Kadiri Lepakshi with PP chemicals	Suitable for this farming system with higher yield than local variety	Yes	Yes	No	Yes	No
2	Mustard var. Sampoorna with PP chemicals	Suitable for this farming system with higher yield than local variety	Yes	Yes	No	Yes	No

iv. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Bold seed with disease resistant variety	Good performance	Good yield with adaptable to farming situation	Suitable for this farming situation and giving more yield by this variety
Bold seed with disease resistant variety	Good performance	Good yield with adaptable to farming situation	Suitable for this farming situation and giving more yield by this variety

v. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training on Cultivation practices and Disease & pest management Practices of groundnut	Rengali	30
2	Training on Disease and pest management Practices Mustard	Damkipali	30

vi. Sequential good quality photographs (as per crop stages i.e. growth & development)**vii. Farmers' training photographs****viii. Quality Action Photographs of field visits/field days and technology demonstrated.****ix. Details of budget utilization**

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Groundnut & Mustard	i) Critical input	580750	552350	28400
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day)			
	iv) Publication of literature			
	Total	580750	552350	28400

[illegible][illegible][illegible]

[illegible]

[illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Bio0agents production													
Bio0pesticides production													
Bio0fertilizer production													
Vermi0compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee0colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL													

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming	1	7	10	17	2	0	2	1	0	1	10	10	20
Production of organic inputs	2	24	9	33	5	0	5	2	0	2	31	9	40
Planting material production													
Vermicomposting													
Mushroom Production													
Beekeeping	1	15	0	15	0	0	0	0	0	0	15	0	15
Potential Entrepreneurship	2	28	0	28	7	0	7	0	0	0	35	0	35

[illegible]

D) Farmers and farm women (off campus)

[illegible]

[illegible]

[illegible]

[illegible]

[illegible][illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total													

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	1	2	17	19	0	0	0	0	1	1	2	18	20
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs	1	4	12	18	0	2	2	0	2	2	4	16	20
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals	1	8	4	12	3	0	3	0	0	0	11	4	15
Livestock feed and fodder production													
Household food security													
Other													
Total	3	14	33	49	3	2	5	0	3	3	17	38	55

[illegible]

[illegible]

[illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	1	10	7	17	1	0	1	5	2	7	16	9	25
Formation and Management of SHGs													
Mobilization of social capital	1	22	0	22	3	0	3	0	0	0	25	0	25
Entrepreneurial development of farmers/youths	1	0	0	0	23	2	25	0	0	0	23	2	25
WTO and IPR issues	1	8	10	18	0	0	0	0	7	7	15	10	25
Others	5	58	17	75	9	25	34	8	0	8	65	60	125
Total	9	98	34	132	36	27	63	13	9	22	144	81	225
XI. Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total	46	621	206	782	98	172	270	51	3	53	780	370	1150
XII. Others (Pl. Specify)													
GRAND TOTAL	46	621	206	782	98	172	270	51	3	53	780	370	1150

iii. Extension Personnel (On and Off Campus)

[illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Protected cultivation technology													
Production and use of organic inputs	1	10	0	10	3	0	3	2	0	2	15	0	15
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Role of social Media in Agriculture Extension	1	6	5	11	2	0	2	1	1	2	10	5	15
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other(Agribusiness & Marketimng/Climate smart agril)	2	5	14	19	4	3	7	2	2	4	11	19	30
Total	6	46	27	53	10	4	14	7	6	13	64	36	100

Please furnish the details of training programmes as Annexure in the proforma given below

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Agronomy	F/FW	Weed management strategies for DSR	one	OFF	0	25	25	0	25	25
Agronomy	F/FW	Soil health management for enhanced crop performance	one	OFF	5	20	25	5	20	25
Agronomy	F/FW	Climate Resilient practices for crop sustainability	one	OFF	7	18	25	7	18	25
Agronomy	F/FW	Nutrient and water management in cereals	one	OFF	21	4	25	5	2	7
Agronomy	F/FW	Climate Resilient practices for crop sustainability	one	OFF	25	0	25	0	0	0
Agronomy	F/FW	Yield	one	OFF	21	4	25	2	2	4

		maximization strategies for rainfed crops								
Agronomy	F/FW	Scientific Production Practices for Pulse Crops Under Rainfed Conditions	one	OFF	5	20	25	0	12	12
Agronomy	F/FW	Crop rotation and diversification for soil health and income of farmer	one	OFF	5	20	25	5	5	10
Agronomy	F/FW	Crop residue management and soil rejuvenation	one	OFF	20	5	25	11	0	11
Agronomy	F/FW	Improved production technologies for maize crop	one	ON	25	0	25	4	0	0
Agronomy	F/FW	Seasonal crop planning and intercropping with pulses	one	OFF	25	0	25	0	0	0
Agronomy	F/FW	Eco-friendly and profitable farming techniques	one	OFF	22	3	25	4	0	4
Agronomy	RY	Agronomic Bio-fortification: Improving Crop Nutritional Quality through Management	two	ON	15	5	20	4	2	6
Agronomy	VT	Recycling of agricultural waste through vermicomposting	four	ON	8	2	10	3	2	5
Agronomy	RY	Preparation of different bio inputs for Natural farming	two	ON	10	10	20	2	1	3
Agronomy	IS	Natural farming techniques and practices	One	OFF	4	16	20	2	2	4
Agronomy	IS	Improved agronomic technology for enhancing yield of millet crops	one	ON	15	5	20	4	0	4
Plant Science	F/FW	Improved Techniques in Paddy Seed Production	one	OFF	10	15	25	0	3	3

Plant Science	F/FW	Integrated crop management in Direct seeded Rice	one	OFF	14	11	25	3	0	3
Plant Science	F/FW	Climate Resilient Seed Production	one	ON	18	7	25	10	0	10
Plant Science	F/FW	Seed Production of Millets for Nutri-Gardens	one	OFF	3	22	25	0	10	10
Plant Science	F/FW	Seed Treatment & Storage Techniques	one	OFF	5	20	25	5	20	25
Plant Science	F/FW	Role of Women in Seed Selection and Conservation	one	OFF	0	25	25	0	0	0
Plant Science	F/FW	Seed Production Practices in Pulses	one	OFF	4	21	25	0	11	11
Plant Science	F/FW	Varietal characteristics of different pigeon pea and green gram cultivars	one	ON	17	8	25	1	0	1
Plant Science	F/FW	Sustainable intensification of Rice fallows in Rainfed Areas	one	OFF	18	7	25	8	1	9
Plant Science	RY	Preparation of different organic inputs for bio resource centre	two	ON	16	4	20	2	2	4
Plant Science	RY	Entrepreneurship in Seed Processing and Marketing	two	ON	20	0	20	7	0	7
Plant Science	IS	Integrated crop management practices in cotton	one	OFF	13	7	20	7	0	7
Plant Science	IS	Seed Certification Standards and Procedures	one	ON	2	18	20	0	1	1
Extension	F/FW	Group based input management practices for farmers group	One	Off	16	9	25	6	2	8
Extension	F/FW	Mobilisation of Social Capital	One	Off	25	0	25	3	0	3
Extension	F/FW	Marketled production strategy in	One	Off	8	17	25	0	7	7

		agriculture								
Extension	F/FW	Organic farming & Sustainable technologies in agriculture	One	Off	16	9	25	1	0	1
Extension	F/FW	Income generation activities for additional income	One	Off	0	25	25	0	25	25
Extension	F/FW	Climate resilient technologies in agriculture	One	Off	17	8	25	3	0	3
Extension	F/FW	Information Communication Technology in Agriculture	One	Off	25	0	25	7	0	7
Extension	F/FW	Entrepreneurship development and management	One	Off	23	2	25	23	2	25
Extension	F/FW	Integrated farming system	One	Off	25	0	25	14	0	14
Extension	RY	Potential Entrepreneurship Avenues in vegetable production	Two	On	15	0	15	0	0	0
Extension	RY	Scientific method of Bee keeping	Two	On	15	0	15	0	0	0
Extension	IS	Climate Smart Agriculture	One	On	4	11	15	3	3	6
Extension	IS	Role of social media in agriculture extension	One	On	9	6	15	3	1	4
Extension	IS	Agriculture marketing and business skill	One	On	7	8	15	3	2	5
Animal Sc	F/FW	Fodder cultivation: Hybrid Napier, Maize, Guinea grass, cowpea, rice bean	One	Off	25	0	25	9	0	9
Animal Sc	F/FW	Housing, feeding and disease management in goat farming	One	Off	25	0	25	25	0	25
Animal Sc	F/FW	Management practices for rearing of female calves	One	Off	20	5	25	17	4	21

Animal Sc	F/FW	Azolla cultivation: alternate feed source for livestock	One	Off	19	6	25	1	0	1
Animal Sc	F/FW	Prevention of newborn and young deaths in livestock	One	Off	25	0	25	10	0	10
Animal Sc	F/FW	Vaccination and disease management in poultry birds	One	Off	25	0	25	15	0	15
Animal Sc	F/FW	Nutritional deficiency diseases of poultry birds	One	Off	1	24	25	25	0	25
Animal Sc	F/FW	Management of Dairy cows in post-partum period	One	Off	25	0	25	13	0	13
Animal Sc	F/FW	Ration balancing in dairy cows	One	Off	25	0	25	12	0	12
Animal Sc	RY	Rearing of low input technology birds	Two	On	15	0	15	5	0	5
Animal Sc	F/FW	Chicken and duck rearing in integrated farming systems	One	Off	7	18	25	7	15	22
Animal Sc	IS	Drug resistance and its prevention in veterinary practice	One	Off	11	4	15	3	0	3
Ag Engg	F/FW	Farm Machinery for Pulses and Oilseed Crops	One	Off	12	3	25	3	2	5
Ag Engg	F/FW	Use of improved hand tools and implements for reducing drudgery in vegetable cultivation	One	Off	18	7	25	2	4	6
Ag Engg	F/FW	Use of drones in precision agriculture: mapping,	One	Off	15	0	15	0	0	0

		monitoring, and spraying								
Ag Engg	F/FW	Use of paddy thresher for reducing drudgery and grain loss	One	Off	4	11	15	3	3	6
Ag Engg	F/FW	Use of micro irrigation (sprinkler and drip)	One	Off	9	6	15	3	1	4
Ag Engg	F/FW	maize sheller and its benefits in post-harvest handling	One	Off	7	8	15	3	2	5
Ag Engg	F/FW	Value addition of fruits and vegetables	One	Off	25	0	25	9	0	9
Ag Engg	F/FW	Industrial-based solar dryer: application, and maintenance	One	Off	25	0	25	25	0	25
Ag Engg	F/FW	Use of mulching along with fertigation techniques for soil moisture conservation and weed Management	One	Off	15	10	25	3	3	6
Ag Engg	F/FW	Use of improved hand tools	One	Off	17	8	25	0	7	7
Ag Engg	RY	Value addition of millets	Two	On	15	5	20	4	2	6
Ag Engg	RY	Small implements for farm women	Two	On	20					
Horticulture	F/FW	Staking techniques in tomato cultivation for improved yield and quality	One	Off	0	25	25	0	0	0
Horticulture	F/FW	Organic and integrated nutrient management in horticulture crops	One	Off	6	19	25	3	2	5
Horticulture	F/FW	Protected cultivation and precision farming in vegetable production.	One	Off	11	14	25	3	1	4

a) Details of training programmes for Rural Youth

[illegible]

b) Details of participation

[illegible]

[illegible]

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of participants	Sponsoring Agency
					PF/R/EF			
1	Medium scale Dairy farming	LPM	October, December 2025	3	PF	3	60	VOTI, F& ARD department Govt of Odisha
2	Semi-commercial Poultry farming	LPM	March	3	PF	2	40	VOTI, F& ARD department Govt of Odisha

[illegible]

Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total	5	71	12	83	6	0	5	11	0	11	88	12	100
Grant Total	5	71	12	83	6	0	5	11	0	11	88	12	100

Good quality photographs of training activity:

3.4. A. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	2	86	34	120	12	6	4	10	92	38	130
Kisan Mela	4	212	88	300	28	16	9	25	228	97	325
Kisan Gosthi											
Exhibition	4	550	450	1000	18	75	25	100	625	475	1100
Film Show	12	240	260	500	19	8	6	14	248	266	514
Method Demonstrations	8	85	48	133	21	6	3	9	91	51-	142
Farmers Seminar											
Workshop											
Group meetings	17	136	247	383	22	5	4	9	141	251	392
Lectures delivered as resource persons	18	780	350	1130	27	28	12	40	808	377	1185
Advisory Services	23	430	180	610	16	12	18	30	442	198	640
Scientific visit to farmers field	87	650	230	880	14	14	12	26	664	242	996
Farmers visit to KVK	21	255	475	730	23	45	85	130	300	560	860
Diagnostic visits	23	112	26	138	13	26	9	35	138	32	170
Exposure visits	4	66	4	70	5	2	0	2	68	4	72
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp											
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings	2	0	150	150	12	2	5	7	0	150	150
Mahila Mandals Conveners meetings											
Celebration of important days	7	35	65	90	23	1	-	1	36	65	101
World Food Day	1	15	35	50	27	2	1	3	17	36	53
International Women Day	1	0	50	50	32	1	3	4	1	53	54
Krishak Samman Nidhi webcasting	3	45	115	160	26	8	5	13	53	120	173
Jal Shakti Abhiyan											
Women in agriculture day	1	-	50	50	17	-	3	3	-	53	53
World Soil day	1	48	32	80	12	7	6	13	55	38	93
Total	238	3745	2839	6574	350	264	207	471	4007	3002	7150

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	8
Radio talks	3
TV talks	1
Popular articles	3
Extension Literature	3
Other, if any	3

Good quality photographs of Extension activity:

3.5 a. Production and supply of Technological products

Village seed

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided							
					SC		ST		Other		Total	
					M	F	M	F	M	F	M	F
Total												

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Paddy seeds	Swarna Shakti(FS)	58q	-								
	MTU-1318(FS)	181.6q									
Grand Total		239.6									

Good quality photographs of seed production:

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Vegetable seedlings											
Tomato	Abhilash	9640		3	2	1	3	15	4	19	9
Brinjal	Pusa Uttam	8640									
Chili	Pusa Sadabahar	8640		3	8	1	3	12	22	16	33

Cabbage	Golden Acre	6700									
Cauliflower	Girija	5600									
Onion	Agri Found Light Red	60780		1	2	1	3	8	5	10	10
Fruits											
Mango											
Guava											
Papaya	Red Lady	250		2	8	1	3	12	19	15	30
Drumstick											
Banana											
Others											
Ornamental plants											
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Others, pl.specify											
Total		100250									

Good quality photographs of planting materials:

Production of Bio-Products

Name of product	Quantity	Value (Rs.)	No. of Farmers benefitted							
	Kg		SC		ST		Other		Total	
			M	F	M	F	M	F	M	F
Bio-fertilizers										
Bio-pesticide										
Bio-fungicide										
Bio-agents										
Vermicompost.	1200 Kg	18000	1	0	1	0	7	2	9	2
Vermi	20 kg	10000	0	0	0	0	12	8	12	8
Total	1220 kg	28000	1	0	1	0	19	10	21	10

Good quality photographs of bio-products:

Production of livestock materials

[illegible]

Others (Pl. specify)											
Small ruminants											
Sheep											
Goat											
Other, please specify											
Poultry											
Broilers											
Layers											
Duals (broiler and layer)											
Japanese Quail											
Turkey											
Emu											
Ducks											
Others (Pl. specify)											
Piggery											
Piglet											
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings											
Spawn											
Others (Pl. specify)											
Grand Total											

Good quality photographs of livestock and fisheries:

3.5. b. Seed Hub Programme-“Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India”

i) Name of Seed Hub Centre: NA

Name of Nodal Officer :	
Address :	
e-mail :	
Phone No. : Mobile :	

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production (q)	Category of Seed (F/S, C/S)
Kharif 2025	Paddy	Swarna Shakti	60	2	58	FS
	Paddy	MTU-1318	180	4.5	181.6	FS
Rabi 2025-26						
Summer/Spring 2026						

iii) Financial Progress

Fund received	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2024-25	Farmers Hostel		Nil	1st Floor completed
2025-26	Farmers Hostel		Nil	2n floor Under construction

iv) Infrastructure Development

Item	Progress
Seed processing unit	<i>Not Available</i>
Seed storage structure	

3.6. (A) Literature Developed/Published (with full title, author & reference)

Item	Title	Author's name	Number	Circulation
Research paper	Development of an effluent free microwave-assisted rotary drying cum peeling method for whole garlic bulbs	Dr. Sudarshanna Kar		
	Impact of Foliar application of NPK fertilizer on productivity and profitability of Greengram	Satpathy S, Mohanta B, Sahu J, Barik M, Sarkar D, Muna M		
	Application of AI & ML for rainfed agriculture: Building pathways for resilience and sustainable livelihoods	Kar S, Satapathy S 2 nd International Conference: Rainfed Agriculture : Building pathway for resilience & sustainable livelihoods (29 th -31 st Jan 2025 at CRIDA)		
Books				
Bulletins	Quality seed Production of Greengram (Odia)	Dr. Rukeiya Begum	500	
News letter	Harishankar	All Scientist	500	
Popular Articles				
Technical reports	Intermittent reports, success stories etc	KVK reports	43	
Electronic Publication (CD/DVD etc.)				
TOTAL			1043	

N.B.: Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(B) Details of HRD programmes undergone by KVK personnel:

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1	Training Prog	Odisha Climate Smart Agriculture	Dr.Satyamaya Satapathy, Sr Scientist and Head	20 Dec'2025	ITC Welcome Hotel, BBSR
	Workshop	Workshop on Kisan Sarathi		20 Feb'2026	DEE,OUAT,BBSR
	Refresher Training	Recent Trend in Weed management		12-13 March'2026	DEE,OUAT,BBSR
	Training prog	Positioning & Scaling healthier rice in Odisha agri food system		12-13 Jan'2026	Bhubaneswar
	Training programme	Refresher training programme for Agronomy discipline		20 Dec'2025	ITC Welcome Hotel, BBSR
2.	Training programme	National Seminar on Extension Education Strategies for Digital Agriculture	Mr Monoj kumar Barik Scientist(Ag Ext)	20-22' June 2025	DEE, OUAT Bhubaneswar
3.	Training programme	Refresher training programme for Scientist of KVK	Dr. Bijaylaxmi Mohanta (Scientist Ag Eng)	20-22' June 2025	OUAT, Bhubaneswar
4	Training prog	Workshop on Kisan Sarathi 2.0	Dr. Prabhat Ku Padhi	20 Feb 2026	DEE, OUAT Bhubaneswar
5	Training programme	Natural Farming for Sustainable Agriculture	Dr. Rukeiya Begum	9-12 September 2025	DEE, OUAT, Bhubaneswar
		Ecological Defense Integration of Chemical with Biological Control		23-24 March 2026	
6	Training programme	Artificial Intelligence Application for Transforming Agri-Food System	Dr. Sudarshanna Kar	17-18'Feb 2026	OUAT, Bhubaneswar
		Microwave Energy Application, AIMHHA		28'March 2026	Online
7	Training programme	Advanced Technique in Modern Vegetable Cultivation	Smt. Sagarika Muna	20 Feb 2026	DEE, OUAT, Bhubaneswar

3.7. Success stories/Case studies, if any (two or three pages write-up on 1-2 best case(s) with suitable action photographs)

Name of farmer	Sri Pankaj Sahoo
Address	At/Po-Bharsuja, Loisingha
Contact details (Phone, mobile)	7735441409
Landholding (in ha.)	4 ha
Name and description of the farm/enterprise	Mushroom cultivation, Mushroom value addition, Mango orchard, vegetable cultivation
Economic impact	Income Rs 14,50,000 per year
Social impact	Motivation to other farmers to go for entrepreneurship development
Environmental impact	Sustainable agriculture due to organic farming
Horizontal/ Vertical spread	Farmers visiting his farm and its an exposure visit point

3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

Sl. No.	Name/ Title of the technology	Name/ Details of the Innovator(s)	Brief details of the Innovative Technology

3.9. a. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)

3.10. Indicate the specific training need analysis tools/methodology followed by KVKs

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	Through trainings , phone calls , Field diagnostic visits , farmers visit to KVK	Need analysis of FW training
2	During expedition of FLD , OFT programmes and monitoring the programmes	Need analysis of FW/Ry/IS training
3	Extension activities like group meetings , Ex-trainees sammelan, field days , farmers fair, celebration of special days, other flagship programmes etc.	Need analysis of FW/ RY training
4	From line dept. officials and extension workers during SAC meeting, RE linkage interface meeting, Review meetings, workshop on kharif and Rabi programmes	Need analysis of IS training
5	Flagship programmes , Top down approach by competent authority wrt urgency by central and state Govt.	No tool followed

3.11. a. Details of equipment available in Soil and Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	Mridaparikshyak soil testing kit	1

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
0	0	0	0	0	0

3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1	Training on soil sample collection, testing and method of fertilizer recommendation	100	5	Debaki Sahu (Z. P. President)	50	200

3.12. Activities of rain water harvesting structure and micro irrigation system

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials

3.13. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology

3.14. RAWF/ FET programme – is KVK involved? (Y/N)

No of student trained	No of days stayed
45	15 days

ARS trainees trained	No of days stayed

3.15. List of VIP visitors (Minister/ MP/MLA/DM/VC/ZilaSabbhadipati/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit
06.06.25	Dr. Arup Kumar Mukherji Principal Scientist, CRRI, Cuttack	Courtesy visit during his visit for VKSA programme
06.06.25	Dr. Manas Kumar Bag Principal Scientist, CRRI, Cuttack	Courtesy visit during his visit for VKSA programme
06.06.25	Dr. N.N. Jambulkar, Sr. Scientist, CRRI, Cuttack	Courtesy visit during his visit for VKSA programme
24.03.26	Dr. Sanjukta Mohapatra ADR, RRTTS, Chipilima, Sambalpur	Attended Training Programme of Extension functionaries
09.02.26	Dr. Sanat Kumar Dwibedi DDE, DEE,OUAT, Bhubaneswar	Attended SAC meeting of KVK Bolangir

4. IMPACT

4.1. Impact of KVK activities (Not to be restricted for reporting period).

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Climate resilient Technologies	100	62	14,000/ ha	22,000/ ha
Organic Farming	150	48	18,000/ ha	19,000/ ha
Soil health Management	200	54	21,000/ ha	25,000/ ha
INM in Paddy	50	36	35,000/ ha	41,000 / ha
IPM in Paddy	50	55	25,000/ ha	32,000/ ha
Backyard Poultry	200	65	8000/ year	18,000/ year
Mushroom Production	150	45	120/bed	180/bed

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Herbicide application in Paddy	8420 ha
INM in Vegetables and paddy	5865 ha
IPM in Vegetables and paddy	3200 ha
Stress tolerant Rice production in rainfed ecosystem	9500 ha
Nutritional gardening	860 households
Mushroom production	85 farmers
Judicious use of pesticides	5400 ha

Give information in the same format as given below

Name of farmer	
Address	
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	
Name and description of the farm/ enterprise	
Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	
Good quality photographs (2-3)	

4.2. Details of impact analysis of KVK activities carried out during the reporting period

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
1	Demonstration on Biofertilized Rice	58 famers till now got the requisite information on Hybrid Maize Agriculture department also spreading the technology	58 numbers of farmers doing Hybrid Maize cultivation regularly
2	Demonstration of Kavery, LIT bird in backyard	90 farmers got the detail information of Kavery in backyard	The farmers are continuously opting Kavery for backyard rearing
3	Demonstration on Kalinga Dhan-1203	Famers adopting the varieties and getting desirable information and result	80 numbers of farmers opting the varieties and the varieties are also further spreading in the district
4	Training on soil sample collection and analysis	Youths imparted with the trainings are spreading the technology in the district	40 numbers youths are provided with the training and now working at grass root leve

4.4. Details of innovations recorded by the KVK

Thematic area	
Name of the Innovation	
Details of Innovator	
Back ground of innovation	
Technology details	
Practical utility of innovation	

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	
Name & complete address of the entrepreneur	
Role of KVK with quantitative data support:	
Timeline of the entrepreneurship development	
Technical Components of the Enterprise	
Status of entrepreneur before and after the enterprise	
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	
Horizontal spread of enterprise	

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
All line departments	Research- Extension linkage meeting to decide on convergence of works for farmers and work in field jointly for farmers
Agriculture Département	Diagnostic field visits, Trainings, Special day celebration
ARD	Animal Health camp, Awareness camp on disease management, Diagnostic field visit, Special day celebration, Trainings
NGO	Group meetings, Trainings
KVKs of neighboring districts	Share of manpower, infrastructure, technology
Horticulture Dept	Monitoring of Orchards for stockings on quality planting material
CHES, NRRI and other ICAR institutes	Knowledge and skill development, Input Procurement
AIR/ Doordarshan	Broadcast of tech. messages and audio conference with farmers
ICARDA, N. Delhi	Procurement of pulse seeds for rainfed situation , monitoring of tech. activities
NABARD	Promotion of FPOs, Trainings of FPOs

5.2. List of special programmes undertaken during 2025 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

(b) Programme for other activities (training, FLD, OFT, Mela, Exhibition etc.)

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1. Performance of demonstration units (other than instructional farm)

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/ breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Herbal garden	2017	500	-	-	-	-	-	-
2.	Vermicom post unit	2022	30	E. foetida	Vermicompost +vermin				
2	Dragon fruit	2022	1000	-	Fruit	-	-		-
3.	Organic input production unit	2023	3	-	-				
4.	Mushroom prodn unit	2024	200	-	-	-	-	-	-
5.	Bee	2024	2	Apis	-				

	keeping unit			cerena indica					
6	Duckery unit	2024	10 birds	Khakli Cambel	-				
7	Goatery unit	2024	2 breed		-				
8	Ornamental Fish unit	2024	3 tank		-				
9	Nutritional garden	2025	0.05		-				
	Total								

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	28.06.25	10.12.25	2	Swarna Shakti	FS	58 q	-	-	
Paddy	28.06.25	10.12.25	4.5	MTU-1318	FS	181.6 q			

6.3. Performance of Production Units (bio-agents / bio-pesticides/ bio-fertilizers etc.,)

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermicompost	2000	7500	30000	
2.	Vermin sps	10	1600	5000	

6.4. Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.							

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Total :			

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: No staff quarters

No. of staff quarters: Nil

Date of completion: NA

Occupancy details: NA

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current	State Bank of India	Town Branch, Bolangir	30966088644

7.2. Utilization of funds under CFLD on Oilseed (*Rs. In Lakhs*)

Item	Released by ICAR		Expenditure		Unspent balance as on 31.03.2026
	Kharif	Rabi	Kharif	Rabi	
Groundnut & Mustard	2,90,375	2,90,375	555959		Rs.24,791 Auto return through PFMS

7.3 Utilization of KVK funds during the year 2025-26 (in Rs.)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances		1,05,14,000	1,06,44,258
2	Traveling allowances	100000	100000	100000
3	HRD	15,000	15,000	9,000
4	Contingencies			
A	Stationeries, Telephone, Postage & Other Expenditure on office running	200000	200000	200000
B	POL, repair of vehicle, tractor & equipment			
C	Meals refreshment for residential and non-residential training			
D	Training Material (Need based materials for conducting training)	150000	150000	150000
E	FLD except Oilseed & Pulses	75000	75000	75000
F	OFT	75000	75000	75000
G	Additional Cont.	75000	75000	72772
H	SCSP	558000	558000	557991
I				
TOTAL (A)			1,16,87,000	11809021
B. Non-Recurring Contingencies				
1	Equipment & Furniture	-	-	-
2	Library	-	-	-
3	Vehicle	-	-	-
4	Works	3,50,000	3,50,000	3,50,000
TOTAL (B)		3,50,000	3,50,000	3,50,000

7.4 Utilization of funds under CFLD on Pulses (*Rs. In Lakhs*)

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2025
	Kharif	Rabi	Kharif	Rabi	

7.5. Status of revolving fund (Rs. in lakh) for last five years

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2021-22	5,33,950	11,45,818	6,29,929	
2022-23	3,34,993	12,53,786	8,30,655	
2023-24	9,23,314	11,58,509	7,92,097	1,18,509 in hand as on 1 st April and 9,54,850 kind
2024-25	1,73,460	11,22,633	9,66,414	49231 /- in hand as on 1 st April 2025
2025-26	3,72,882	11,41,372	5,19,728	186 cash in hand as on 1 st April 2026

7.6. (i) Number of SHGs formed by KVKs :0

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities

- (a) Technical guidance to SHGs
- (b) Training to SHG members on livelihood support and income generation activities
- (c) Demonstration on different activities for increasing yield and enhancement of income

(iii) Details of marketing channels created for the SHGs

- (a) Development of marketing linkage for better marketing of the produce
- (b) Capacity building on post harvest management and business skill

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both
Research Extension interface	3	Kharif 2025	Agriculture, Horticulture, Fishery, ARD,		
Joint field to BPH affected area	7	Kharif 2025	Agriculture		
Field visit to vegetable cultivation areas	4	Kharif & Rabi 2025-26	Horticulture		
Diagnostic field visit	12	Kharif and Rabi-2025-26	Agriculture & ARD		
Resource person in trainings on Agriculture, Horticulture & livestock production	16	Kharif and Rabi 2025-26	Agriculture, Horticulture & ARD		
Celebration of PM Kisan Diwas	3	Kharif & Rabi 2025-26	ARD		
Celebration of World Egg day	1	Rabi 2025-26	ARD		
Celebration of Go sambardhana diwas	1	Rabi 2025-26	ARD		
Celebration of World Soil Day	1	Rabi 2025-26	Agriculture		
Planting material verification	2	Rabi 2025-26	Horticulture		
NRM activities of NICRA village	2	Kharif 2025	Panchayat raj and Soil conservation		
Capacity building trainings to CEOs and BODs of FPOs	3	Rabi 2025-26	NABARD and NGOs		

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
BPH infestation	Paddy	Oct 1 st week	580	8	Awareness programmes, capacity building of farmers
Fall Army worm	Maize	July 4 th week	80	12	Workshop, field visit , advisory to farmers, KMAS
Bacterial leaf Blight	Paddy	August 2 nd week	756	9	Workshop, field visit , advisory to farmers, KMAS

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)
PPR	Goat	September	25%	Vaccination done by dist ARD	
Goat Pox	Goat		7%	Vaccination done by dist ARD	
FMD	Cow		Nil	Vaccination done by dist ARD	
RD	Poultry		52 %	Vaccination done by dist ARD	
Avian pox	Poultry		12 %	Vaccination done by dist ARD	

9.1. Nehru Yuva Kendra (NYK) Training

Title of the training programme	Period		No. of the participant		Amount of Fund Received (Rs)
	From	To	M	F	

9.2. PPV & FR Sensitization training Programme

Date of organizing the programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration

9.3. *m Kisan Portal (National Farmers' Portal/ SMS Portal)*

Type of message	No. of messages	No. of farmers covered
Crop	23	12500
Livestock	17	2400
Fishery	nil	-
Weather	18	4680
Marketing	8	850
Awareness	17	2450
Training information	7	85
Other	8	6700
Total	98	

9.4. *KVK Portal and Mobile App*

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	5320
2.	No. of farmers registered in the portal	-
3.	Mobile Apps developed by KVK	-
4.	Name of the App	-
5.	Language of the App	-
6.	Meant for crop/ livestock/ fishery/ others	-
7.	No. of times downloaded	-

9.5. a. Observation of Swachha Bharat Programme

Date/ Duration of Observation	Activities undertaken
17.09.2025	Awareness and cleaning program, Plantation programme, Ek ped Maa ke Nam, Awareness on Organic farming at KVK campus
19.09.2025	Conducting swachhata quizzes at schools, cleanliness at school
23.09.25-30.09.25	Swachhata activity at Religious and Spiritual places, at adopted villages, method demonstration on vermicomposting, awareness programme on natural farming.
16.12.2025	Swachhta Pledge celebration at KVK, campus
17.12.2025-31.12.2025	Swachhata Hi Seva celebration at different villages, Institutions, KVK doing the activities like cleaning premises, KVK demo units, campus and plantation programmes

b. Details of Swachhata activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	-	-
2. Basic maintenance	-	-
3. Sanitation and SBM	10	16335
4. Cleaning and beautification of surrounding areas		
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	4	8000

6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level		
8. Swachhta Workshops	2	
9. Swachhta Pledge	1	
10. Display and Banner	4	859
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	4	
14. No of Staff members involved in the activities	10	
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details) Audit charge (plantation programme)	2	6806
Total	37	32000

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Kendriya Vidyalaya, Bolangir	-	Soil Testing, Soil Health management & soil sample collection technique	White Board, Projector

Give good quality 1-2 photograph(s)

9.9. Details of 'Pre-Rabi Campaign' / 'Pre-Kharif Campaign' Programme

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Dars (Yes/ No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
29.05.25 to 12.06.25	0	1	2	2	1	1	2	32000	27	32036	yes	5

Please provide good quality photographs:

9.10. Details of Swachhta Hi Suraksha/ Swachhta Pakhwada programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Swachhata Hi Seva	5	250	-	School Head Mistress, Sarpanch etc
2	Swachhata Diwas	4	100	1	
3	Swachhata Pakhwada	5	150	1	

Please provide good quality photographs:

9.11. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	1	2	50	-	-

Please provide good quality photographs:

9.12. No. of Progressive/Innovative/Lead farmer identified (category wise)

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1	Udaya Naik	Village: Bargaon, Bolangir Mob:9938732203	Natural Farming
2	Pankaj Sahoo	Village- Bharsuja, Bolangir-Mob:7735441409	IFS
3	Rohit Sahu	Village- Mayabarha, Bolangir-Mob:9348868258	Dairy, Vegetable, Oilseed
4	Jayanti Rout	Village: Larkipali, Bolangir Mob:9777514890	High Value vegetables
5	Anil Ku Nanda	Village- Bijlimunda Mob:9437030162	Orchard and Hi-tech fruit cultivation
6	Nitynanda Sai	Village-Odiapali, Puintala Mob:9439144782	Paddy, Green gram
7	Manoj kumar Mahar	Village-Odiapali, Puintala Mob:7077227790	Paddy, greengram, dairy and poultry
8	Asis Patel	Village-Bargaon, Bolangir Mob :	Dairy
9	Panchanana Sahu	Village- Odiapali , Puintala	Sheep and goat
10	Biren Bhoi	Village-Adendunguri Mob:889564337	Strawberry and Musk melon

9.13. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	VOTI-Training	14000	State Govt
2.	Pump technician Training	1000	State Govt

9.14. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1					
2					

9.15. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
22.1.2021	IMD	Functioning

9.16. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK
Odisha	Bolangir	Contingent plan for drought situation	4	80	Contingent measures for crops, live-stock, Fisheries with respect to delayed or abrupt cessation for few days to few weeks

10. Report on Cereal Systems Initiative for South Asia (CSISA)

a) Year:

b) Introduction / General Information:

c)

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						
Experiment 3						
Others (If any)						

Please provide good quality photographs:

11. Details of DAPST/ TSP - NA

a. Achievements of physical output under TSP during 2025

Progress of DAPST for the year 2025 (Jan. to Dec., 2025)

Name of KVK							
Sl.No.	Item/Activity		Units	Targets/Achievements		No. of Beneficiaries	
				Annual Targets	Achievements	Annual Targets	Achievements
1	Trainings (Capacity building/ Skill Development etc.)		No.				
	1.1	1-3 days	No.				
	1.2	4-10 days	No.				
	1.3	2-4 weeks	No.				
	1.4	More than 4 weeks	No.				
2	On Farm Trials (OFTs)		No.				

3	Front Line Demonstrations (FLDs) and other demonstrations		No.				
4	Awareness camps, exposure visits etc.		No.				
5	Input Distribution						
	5.1	Seeds (Field Crops)	Tonnes				
	5.2	Seeds (High Value Crops, spices etc.)	kg				
	5.3	Seeds (Root & Tuber Crops)	tonnes				
	5.4	Nursery plants	No.				
	5.5	Cutting , slips, suckers, etc	No.				
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets				
	5.7	Honey Bee Colonies	No.				
	5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.				
	5.9	Animals-small (pig, sheep, goat etc.)	No.				
	5.1	Poultry chicks / duckling etc	No.				
	5.11	Fish Spawns/ fingerlings	No.				
	5.12	Small equipment's (uptoRs 2000)	No.				
	5.13	Medium Equipment's/ machinery (uptoRs 25000)	No.				
	5.14	Large Equipment's / machinery (>Rs. 25000)	No.				
	5.15	Infrastructure / Civil Works/ Ponds etc	No.				
	5.16	Setting up plant nursery/ seed farm/ hatchery	No.				
	5.17	Land development/ Reclamation / Conservation	hectares				
	5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes				
	5.19	Micro nutrients	tonnes				
	5.2	FYM/ Vermicompost	tonnes				
	5.21	Soil amendmets (Gypsum, lime etc.)	tonnes				
	5.22	Plant protection chemicals	kg				
	5.23	Plant growth Promoter	kg				
	5.24	Animal Feed	tonnes				
	5.25	Animal Fodder	tonnes				
	5.26	Animal medicines	doses				
	5.27	Any other (Liquid PSB etc.)	Litre				
6	Services/Facilitation						
	6.1	Animal Health Camps	No.				
	6.2	Artificial Insemination / Vaccination	No.				
	6.3	Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc)	No.				
	6.4	Testing samples of Soil, plant, water, feed, fodder and livestock	No.				
	6.5	Promotion of agri-	No.				

		entrepreneurship					
	6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.				
	6.7	Creation of market links of farm produces	No.				
	6.8	Use of Institute Facilities (Processing etc.) (in Hours)	Hours				
	6.9	Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary)	No.				
7	Distribution of Literature		No.				
8	Employment generation for livelihood		(Man-months)				
9	Fellowship, Stipends or Scholarship		No.				
10	Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable)		No. of projects				
11	Monitoring & Evaluation of DAPSC/ST (upto 3%)						
12	Any other (specify)						

b. Fund received under TSP in 2025-26 (Rs. In lakh):

12. Details of DAPSC/ SCSP

a. Achievements of physical output under SCSP during 2025

Progress of DAPSC for the year 2025 (Jan. to Dec., 2025)

Name of KVK		Balangir					
Sl.No.	Item/Activity		Units	Targets/Achievements		No. of Beneficiaries	
				Annual Targets	Achievements	Annual Targets	Achievements
1	Trainings (Capacity building/ Skill Development etc.)		No.				
	1.1	1-3 days	No.	8	8	200	200
	1.2	4-10 days	No.				
	1.3	2-4 weeks	No.				
	1.4	More than 4 weeks	No.				
2	On Farm Trials (OFTs)		No.	0	0	0	0
3	Front Line Demonstrations (FLDs) and other demonstrations		No.	12	12	280	280
4	Awareness camps, exposure visits etc.		No.	1	1	25	25
5	Input Distribution						
	5.1	Seeds (Field Crops)	Tonnes	1.5	1.5	65	65
	5.2	Seeds (High Value Crops, spices etc.)	kg				
	5.3	Seeds (Root & Tuber Crops)	tonnes				

5.4	Nursery plants	No.				
5.5	Cutting , slips, suckers, etc	No.				
5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets	250	250	40	40
5.7	Honey Bee Colonies	No.				
5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.				
5.9	Animals-small (pig, sheep, goat etc.)	No.				
5.1	Poultry chicks / duckling etc	No.	500	500	50	50
5.11	Fish Spawns/ fingerlings	No.				
5.12	Small equipment's (uptoRs 2000)	No.	30	30	30	30
5.13	Medium Equipment's/ machinery (uptoRs 25000)	No.				
5.14	Large Equipment's / machinery (>Rs. 25000)	No.				
5.15	Infrastructure / Civil Works/ Ponds etc	No.				
5.16	Setting up plant nursery/ seed farm/ hatchery	No.				
5.17	Land development/ Reclamation / Conservation	hectares				
5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes				
5.19	Micro nutrients	tonnes				
5.2	FYM/ Vermicompost	tonnes	20	20	20	20
5.21	Soil amendments (Gypsum, lime etc.)	tonnes				
5.22	Plant protection chemicals	kg				
5.23	Plant growth Promoter	kg				
5.24	Animal Feed	tonnes	0.15	0.15	20	20
5.25	Animal Fodder	tonnes				
5.26	Animal medicines	doses				
5.27	Any other (Liquid PSB etc.)	Litre				
6	Services/Facilitation					
6.1	Animal Health Camps	No.				
6.2	Artificial Insemination / Vaccination	No.				
6.3	Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc)	No.				
6.4	Testing samples of Soil, plant, water, feed, fodder and livestock	No.	20	20	50	50
6.5	Promotion of agri-entrepreneurship	No.				
6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.	10	10	20	20
6.7	Creation of market links of farm produces	No.				
6.8	Use of Institute Facilities (Processing etc.) (in Hours)	Hours				

	6.9	Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary)	No.				
7	Distribution of Literature		No.	200	200	200	200
8	Employment generation for livelihood		(Man-months)				
9	Fellowship, Stipends or Scholarship		No.				
10	Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable)		No. of projects				
11	Monitoring & Evaluation of DAPSC/ST (upto 3%)						
12	Any other (specify)						

b. Fund received under SCSP in 2025-26 (Rs. In lakh): 5.58 lakh

13. Progress report of NICRA KVK (Technology Demonstration component) during the period (Applicable for KVKs identified under NICRA)

Natural Resource Management

Natural Resource Management													
Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
Direct seeded rice	3	3	2	0	0	0	0	3	0	3	0	3	
Green manuring through Dhanicha cultivation	20	20	8	0	0	0	0	17	3	17	3	20	

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	
Bund planting of Pigeon pea	7	0	0	0	0	18	12	18	12	30	

Livestock and fisheries

[illegible]

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted								Remarks
			SC		ST		Other		Total		
			M	F	M	F	M	F	M	F	T
Custom Hiring Centre	9	-	0	0	0	0	23	7	23	7	30

Capacity building

Capacity building										
Thematic area	No of Courses	No of beneficiaries								
		SC	ST				Other		Total	
		M	F	M	F	M	F	M	F	T
Training on Preparation & use of organic inputs	1	0	0	0	0	25	15	25	15	40
	1	0	0	0	0	25	15	25	15	40

Extension activities

Extension activities										
Thematic area	No of activities	No of beneficiaries								
		SC	ST			Other		Total		
		M	F	M	F	M	F	M	F	T

Detailed report should be provided in the circulated Performa

14. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	Best Farmer	Anita Sahu	2026	OUAT	-	Women entrepreneur
2	Best FPO	Birendra Bhoi	2025	OUAT	-	Best Farmer

15. Any significant achievement of the KVK with facts and figures as well as quality photograph

16. Number of commodity based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator

17. Integrated Farming System (IFS)

Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year

18. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	Paddy + Greengram production system	# Paddy var. Swarna shreya, line transplanting , herbicide oxadiargyl # Greengram var. Sikha, herbicide Imazethapyr, 1.5 % DAP spray once at flowering and second after 15 days # Mineral mixture @ 50 gm/cow, Fodder Hyb. Napier ;Oyster mushroom (20 beds); Pallishree poultry(20 no.); Tissue culture banana G-naine (10 no.)	46000 (FP 32000)	2	
2	Paddy / Vegetable-Greengram production system	# Paddy Var. Pratikshya, 15 days early transplanting , herbicide, almix, STBF application # Veg like Brinjal, tomato, onion, micronutrient application, herbicide pendimethalin , seed treatment and nursery treatment with metalaxyl&mancozeb # Greengram Sikha, micronutrient, YMV management # Mineral mixture @ 50 gm/cow, Fodder Hyb. Napier ;Oyster mushroom (20 beds); Pallishree poultry(20 no.); Tissue culture banana G-naine(10 no.)	130500 (FP 82000)	2	
	Rice/ Groundnut-Greengram production system	# G.Nut var. Kadri L, Herbicide imazethapyr, micronutrient zypmite , drenching with chloropyriphos, seed dressing with biofertiliser, veg. like growing of onion, cauliflower, Tomato # Pooja var. transplanting 21 days old seedling, herbicide bysphybac sodium	92000 (FP 60000)	2	

		# Greengram Sikha var. line sowing, Q.ethyl herbicide, micronutrient application. # Mineral mixture @ 50 gm/cow, Fodder Hyb. Napier ;Oyster mushroom (20 beds); Pallishree poultry(20 no.); Tissue culture banana G-naine (10 no.)			
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19. Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2025)					
II (up-to 24.04.2025)					
Total					

20. Information on Visit of Ministers to KVKs, if any (Please provide good quality photographs)

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)

21. a) Information on ASCI Skill Development Training Programme, if undertaken during 2025

Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants						Whether uploaded to SIP Portal (Y/N)	Fund utilized for the training (Rs.)
				SC		ST		Other			
				M	F	M	F	M	F		

(Please provide good quality photographs)

b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2025

Thematic area of training	Title of the training	Duration (in hrs.)	No. of participants										Fund utilized for the training (Rs.)
			SC		ST		Other		Total				
			M	F	M	F	M	F	M	F	T		

22. Information on NARI Project(if applicable)

Name of Nodal Officer	No. of OFT on specified aspects	Title(s) of OFT	No. of FLD on specified aspects	No. of capacity development programme on specified aspects	Total no. of farm women/ girls involved in the project	Details of Issues related to gender mainstreaming addressed through the project

23. Any other programme organized by KVK, not covered above

Sl. No	Name of the Programme	Date of the Programme	Venue	Purpose	No. of participants
1	District Level Training under Centre of Excellence for FPOs at OUAT	12.11.25 & 8.12.25	KVK campus	Capacity Building of FPO members	50
2	Exposure visit of FPO members	22.12.25	Kalahandi district FPOs	Exposure to Agri-entrepreneurship and marketing	15

24. Good quality action photographs of overall achievements of KVK during the year (best 10)

