

PROFORMA FOR ANNUAL REPORT 2024 (January-December 2024)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Ganjam At : Benakunda P.O: Dihapadhala Via: Tanarada Dist: Ganjam Pin : 761 140 Orissa	06821296222		kvkganjam1.ouat@gmail.com kvk.ganjam1@ouat.ac.in

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

Address	Telephone		E mail
	Office	FAX	
Vice-Chancellor, OUAT, Bhubaneswar- 751003 Orissa University of Agriculture & Technology	0674- 2392677		vcouat@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email

1.4. Year of sanction of KVK: 1985

1.5. Staff Position (as on 1st January, 2024)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/OBC/Others)
1	Senior Scientist& Head	Dr. Sutanu Kumar Satapathy	Senior Scientist & Head	Horticulture	1,31,400 - 2,17,100 1,61,400	29.08.2012	Permanent	Others
2	Subject Matter Specialist	Sri Prasanta Kumar Panda	Scientist	Plant Protection	57,700 – 1,82,400 92,500	05.01.2007	Permanent	Others
3	Subject Matter Specialist	Vacant						
4	Subject Matter Specialist	Dr. Santosh Kumar Samantaray	Scientist	Agricultural Extension	57,700 – 1,82,400 82,200	06-09-2012	Permanent	Others
5	Subject Matter Specialist	Smt. Anita Patro	Scientist	Home Science	57,700 – 1,82,400 87,200	18.12.2009	Permanent	Others
6	Subject Matter Specialist	Dr. SidhharthRanabijuli	Scientist	Animal Science	15600-39100+ AGP 6000 23,950	11.05.2012	Permanent	Others
7	Subject Matter Specialist	Vacant						
8	Programme Assistant	Mudada Dibyanath	Programme Assistant	Fishery Sc.	35,400- 1,12,400 41,100		Permanent	Others
9	Computer Programmer	Sri Sitikantha Mishra	Programme Assistant	Computer Science	35,400- 1,12,400 60,400	18.01.2006	Permanent	Others
10	Farm Manager	Ms.Sushree Sibanee Sardar	Farm Manager	-	35,400- 1,12,400 39,900	08.02.2019	Permanent	SC
11	Accountant / Superintendent	Vacant	-	-	-	-	-	
12	Stenographer	Miss PriyadarshiniGhadei	Steno-cum-computer operator	-	25,500 – 81,100 32,300	22.07.2015	Permanent	SC
13.	Driver	Sri Saroj Kumar	Driver-cum-	-	19,900-63,200	25.07.2007	Permanent	OBC

		Biswal	mechanic		30,200			
14.	Driver	Sri Gobinda Gouda	Driver-cum-mechanic	-	19,900-63,200 28,400	21.08.2008	Permanent	OBC
15.	Supporting staff	Sri Krushna Chandra Pradhan	Peon-cum-watchman	-	16,600 – 52,400 24,300	28.07.2008	Permanent	OBC
16.	Supporting staff							

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.5
2.	Under Demonstration Units	0.05
3.	Under Crops	10.0
4.	Orchard/Agro-forestry	2.00
5.	Others with details (Farm Road, Pond, wasteland)	6.45
	Total	20.00

Total area should be matched with breakup

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					Completed	352.28	Dilapidated	ATARI
2.	Farmers Hostel					Completed	142.14	Usable condition	RKVY
3.	Staff Quarters (6)					Completed	1200	Dilapidated	
4.	Piggery unit								
5	Fencing					Completed	2601m	Usable condition	RKVY
6	Rain Water harvesting structure								
7	Threshing floor					Completed	445.93	Usable condition	ATARI
8	Farm godown					Completed	36.6	Usable condition	ATARI

9	Poultry unit					Completed	24.52	Usable condition	RKVY
10.	Goatary unit					Completed	6.0	Usable condition	ATARI
11.	Mushroom Lab					Completed	33	Usable condition	RKVY
12.	Shade house					Completed	180.0	Usable condition	RKVY
13.	Soil test Lab					Completed	23.4	Usable condition	ATARI
14.	pond					Completed	613.16	Usable condition	ATARI
15.	Vermicompost Unit					Completed	22.0	Usable condition	RKVY

* 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
Hero Honda	31.3.2007	41899/-	30526	Not Working
Bolero SLE	14.05.2020	8,00,000/-	65736	Working

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
MridaParikshyak	2016	85000	Not Working	ATARI
MridaParikshyak	2017	85000	Working	ATARI
b. Farm machinery				
Power tiller	1995		Not working	ATARI

Rice transplanter	2007-08		Not working	ATARI
c. AV Aids				
Xerox machine	2017-18	49000	Working	ATARI
Colour printer	2017-18	6500	Working	ATARI
Digital camera	2015-16	21000	Working	ATARI
LCD projector	2016-17	40000	Working	ATARI
PAS system	2016-17	10000	Working	ATARI

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Weighing machine	2016-17	12000	Good condition	ATARI
Storage bin	2011-12		Good condition	ATARI
Diesel pump set	2016-17	40000	Good condition	ATARI
Paddy power weeder	2011-12		Good condition	ATARI
Thresher cum winnower-power operated (2nos)	2016	40000	Running	ATARI
Brush cutter	2016	16000	Running	ATARI
Thresher cum winnower-power operated (2nos)	2016	40000	Running	ATARI
Brush cutter	2016	16000	Running	ATARI
Weighing machine	2016-17	12000	Good condition	ATARI
Storage bin	2011-12		Good condition	ATARI
Diesel pump set	2016-17	40000	Good condition	ATARI

1.8. Details of SAC meeting* conducted in the year 2024

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	12.11.2024	30	Members emphasized to take intervention on millets & cash crops	Demonstration on Value addition on Ragi (10 units) &	

				FLD on management of pink stem borer in Ragi (2 ha area) have been conducted. To create awareness on nutritive value of Ragi, 3 nos. of millet recipe contest has been conducted at Polasara, Jagannathprasad & Bhanjanagar. 2 numbers of training & one numbers of demonstration programme on Sweetcorn has been conducted in 2ha. area	
			Evaluation of Chilli hybrids for leaf curl virus & popularization of technology for Anthracnose disease management	OFT on Chilli hybrids (Arka Sanvi & Arka Tanvi) has been conducted in 01 ha. area involving 09 farmers in 03 villages. The incidence of Leaf curl virus in Arka Sanvi was 8.2% & in Arka Tanvi 10.2% where as in farmers field it was 23.9%. FLD on Chilli Anthracnose management has been conducted in 2.0ha area involving 10 farmers	
			New var. of Marigold may be popularized	FLD on cultivation of Marigold var. Bidhan-2 is undertaken involving 10 Farmwomen in 1.0 ha area.	
			Awareness may be created on different fodders	Training & FLD has been conducted in collaboration with ARD department	
			Power weeder should be popularized in large area to reduce labour cost for weeding	Demonstration has been conducted in 02 ha. area involving 10 farmers in vegetable crops. The labour saving is 36MD/ha. Labour requirement decreased by 68% as compared to manual weeding.	

			Performance of Grafted vegetables may be tested at KVK farm	In crop cafeteria area one demo unit has been maintained for awareness of farmers.	
			Different poultry breeds with feed management may be tested in KVK farm	Six numbers of breeds (OUAT Kalinga Pallishree, Kadaknath, Kaveri, RIR, WLH, Vezaguda) maintained in KVK poultry unit. 2945 numbers of 21 old day chicks were supplied among farmers.	
			Honey bee & arrowroot may be promoted in elephant prone area	One FLD on Honey bee has been conducted involving 05 farmers in collaboration with forest department	
			Training may be imparted to SHGs for poultry production	Three numbers of training programme has been conducted involving 75 farmers & farm women in collaboration with forest department.	
			Trials for management of Lumpy skin disease in cattle may be conducted	OFT has been conducted, TO1 preparation found to be more effective after 7 days of treatment. The preparation is only effective in mild & initial cases.	
			Members emphasized to take intervention on small ruminants	One Training & one Animal Health Camp & one FLD has been conducted on small ruminants & One Ganjam Goat unit is established in KVK campus	
			Popularization of seedling raising using Pro –tray	Demonstration programme has been conducted involving 10 farmers for raising vegetable seedling in Pro-tray in Kharif season	
			New technology for management of YMV in Greengram may be tested in farmers' field	OFT on YMV disease management in Greengram has been conducted in 2.0ha area involving 7 farmers	

			Trials may be conducted to improve quality & consistency of Sugarcane Jaggery	OFT on preparation of sugarcane jaggery has been conducted involving 7 farmers.	
			New Groundnut var. Kalinga Groundnut 101 of OUAT may be taken in FLD instead of OFT as multi location trials has been done	Will be conducted in next year as certified seed is not available.	
			Training for increasing productivity of cashew nut	One training programme has been conducted involving 25 farmers & farm women.	

** 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 (2024)

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice-Greengram, Rice-Blackgram, Rice-Vegetable, Vegetable-Vegetable, Rice-Fallow
2	Agro-climatic Zone	North Eastern GhatZone ,East and South Eastern Coastal Plain Zone
3	Agro ecological situation	Rainfed Red and Laterite, Black, medium rainfall and irrigated, Alluvial, low rainfall and irrigated
4	Soil type	Alluvial, Red, Laterite
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Given below in table
6	Mean yearly temperature, rainfall, humidity of the district	Rainfall-1276 mm
7	Production of major livestock products like milk, egg, meat etc.	

Note: Please give recent data only

Area, Productivity& production of Major crops of Ganjam district

Sl.No	Name of the crop	Kharif			Rabi		
		A (000ha)	Y (kg/ha.)	P (000MTS)	A (000ha.)	Y (kg/ha)	P (000MTS)
01	Paddy	251.32	2800	703.396			
02	Green gram	3.58	455	1.63	155.84	521	81.19
03	Ragi	45.0	895	40.28	0.94	1003	2.44
04	Black gram	16.38	466	7.63	32.80	468	15.35
05	Groundnut	11.40	1250	14.25	18.68	1928	36.02
06	Sesamum	11.63	414	4.81	14.57	420	6.12
07	Pigeonpea	13.6	934	12.7			
08	Maize	10.95	2282	27.66	0.93		
09	Horsegram				11.92	378	4.51
10	Sunflower				0.49	1115	0.55

Area, Productivity& production of Major Horticulture crops of Ganjam district

Sl.No.	Name of the crop	Area (In '000 ha)	Productivity (in Kg./ha)	Production (in '000 MT)
01	Brinjal	5.02	25750	129.16
02	Cabbage	1.51	27920	42.05
03	Cauliflower	2.41	14760	35.56
04	Okra	3.46	8760	30.33
05	Pea	0.34	9060	3.07
06	Chilli	5.42	1360	7.37
07	Tomato	4.42	12870	56.87
08	Onion	0.59	8650	5.11
09	Potato	0.36	15120	5.49
10	Sweet Potato	7.52	9780	73.55
11	Radish	0.54	11750	6.38

Area, Productivity & production of Livestock Ganjam district

1	<i>Fishery resources</i> Fresh water – reservoir Canal Tanks & ponds Brackish water Marine (Coast length)	6400 ha 3065.1 ha 27794.39 ha ChilkaLake 60 km.
2	<i>Total fish production</i> a) Fresh water b) Marine c) Brackish water	22452.48 MT 14170.25 MT 6778.00 MT 1504.23 MT
3	<i>Fishermen population</i> a) Inland b) Marine	93686 43889
4	<i>Livestock population</i> a) Cattle b) Buffalo c) Sheep d) Goat e) Pig f) Poultry	(in lakhs) 9.73 1.43 1.46 2.18 0.14 14.37
5	Total milk production	64.55 thousand MT
6	Total egg production	1624.84 million numbers
7	Total meat production	2311 MT

2.b. Details of operational area / villages (2024)

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	Gangapur	Sorada	Padampur	Rice, Maize, Greengram, Blackgram, Sesamum, Ground nut, Vegetable	• Severe weed incidence in paddy • Blast disease in paddy • Use of traditional varieties of green gram • Improper nutrient management green gram	➤ Varietal substitution ➤ weed management ➤ Pest & diseases management ➤ Integrated nutrient management ➤ Targeting rice fallow
2	Chadheipalli	Aska	Phulasarapalli	Rice, Sugarcane, Blackgram, Greengram, Groundnut, Sesamum, Mushroom	• Severe weed incidence in paddy • Low yield in mustard • Use of traditional varieties of green gram • Improper nutrient management green gram	➤ weed management ➤ Pest & diseases management ➤ Integrated nutrient management ➤ Targeting rice fallow ➤ Varietal substitution
3	Jagannathprasad	Jagannathprasad	Ekagharia	Rice, Pigeonpea, Greengram, Sesamum, Sugarcane, Groundnut, Vegetable	• Severe weed incidence in paddy • Low yield in Arhar • Use of traditional varieties of green gram • Improper nutrient management green gram	➤ weed management ➤ Pest & diseases management ➤ Integrated nutrient management ➤ Targeting rice fallow ➤ Varietal substitution
4	Jilundi	Bhanjanagar	Buduli	Rice, Greengram, Vegetable, Groundnut	• Severe weed incidence in paddy • Use of traditional varieties of green gram • Wilting problem in vegetable	➤ weed management in rice ➤ Pest & diseases management ➤ Integrated nutrient management ➤ Targeting rice fallow ➤ Varietal substitution

5	Ambapua	Belaguntha	Patharapalli	Rice, Greengram, Blackgram, Sesamum, Vegetable	• Use of traditional varieties of green gram • YMV infection in green gram • Severe weed incidence in paddy • Wilting problem in vegetable	➤ weed management in rice ➤ Pest & diseases management ➤ Integrated nutrient management ➤ Targeting rice fallow ➤ Varietal substitution
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2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2024) for its development and action plan

Name of village	Block	Action taken for development
Golapada	Bhanjanagar	OFT, FLD, Training, field day, diagnostic field visit
Ekagharia	Jagannath Prasad	OFT ,FLD, Training, field day, diagnostic field visit
Kanapalli	Polasara	OFT ,FLD, Training, field day, diagnostic field visit
Bhusunda	Seragada	OFT ,FLD, Training, field day, diagnostic field visit
Digi	Dharakote	OFT ,FLD, Training, field day, diagnostic field visit

2.1 Priority thrust areas

S. No	Thrust area
S. No	Thrust area
1.	Crop diversification
2.	INM in Fruits & Vegetable
3.	Honey bee rearing
4.	HYV &wilt tolerant varieties
5.	Integrated fish farming
6.	Processing and value addition
7.	Nutritional security
8.	Vaccination ,feed management in Cattle & Goat
9.	Low cost production technique
10.	Backyard poultry
11.	Mushroom cultivation

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
13	10	91	10	6	3	-	42	9	55	15	70	23	22	200	18	4	5	-	100	13	123	17	40

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
78	75	1950	482	252	17	8	711	466	1210	726	1196	1100	981	10800	93	4643	426	21	5058	1009	647	145	72

Impact of capacity building											Impact of Extension activities											
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	
310	208	8	3	-	-	34	9	4	1	5	1025	925	9	3	-	-	12	6	21	15	36	
								2	2	4												

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
180	136	0.54370	0.53988

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
0.7000	0.7200	200	132

* 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	3						
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter	2						
Popular Articles	5						
Book Chapter							
Extension Pamphlets/ literature	3						
Technical reports	18						
Electronic Publication (CD/DVD etc)	1						
TOTAL	31						

3.1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	ASSESSMENT OF IWM PRACTICES IN PIGEONPEA
2.	Problem diagnosed	Low yield due to heavy weed infestation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Manual weeding at 25 DAS Technology option-I (TO-I): Pre emergence application of Pendimethalin (30 EC) @0.75 kg/ha at 3 DAS+ Post emergence application of Imazethapyr (10 SL) @ 100 g a.i. /ha + 1 HW at 50 DAS Technology option-I (TO-II): Pre emergence application of Pendimethalin (30 EC) @0.75 kg/ha at 3 DAS+ Post emergence application of Propaquizafop

		2.5%+Imazethapyr (3.75% w/w) @ (50+ 75 g) a.i./ha + 1 HW at 50 DAS (Assessed)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on Pigeonpea, 2013, AICRP on Pigeonpea, 2022-23
5.	Production system and thematic area	Pigeonpea-sweet corn and Weed management
6.	Performance of the Technology with performance indicators	WCE %, WI%, Grain yield (kg/ha), B:C ratio
7.	Final recommendation for micro level situation	OFT in first year
8.	Constraints identified and feedback for research	NA
9.	Process of farmers participation and their reaction	Filed visit, interaction, group discussion, problem identified and prioritization. Farmers are satisfied with the performance of the molecules

Thematic area: Weed Management

Problem definition: Low yield due to heavy weed infestation

Technology assessed: **TO-II**-Pre emergence application of Pendimethalin (30 EC) @0.75 kg/ha at 3 DAS+ Post emergence application of Propaquizafop 2.5%+Imazethapyr (3.75% w/w) @ (50+ 75 g) a.i./ha + 1 HW at 50 DAS

Table: Result

Technology option	No. of trials	Yield component		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Weeds/m2	WI%					
FP	7	28.6		10	37000	70000	33000	1.89
TO-I	7	9.4	84	12.2	38000	85400	47400	2.25
TO-II	7	6.2	68	13.0	39000	91000	52000	2.33

OFT-2

1.	Title of On farm Trial	ASSESSMENT OF INM PRACTICES IN BANANA
2.	Problem diagnosed	Low yield due to improper Nutrient management
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Poor nutrient management (200:100:100 g NPK/plant) Technology option-I (TO-I): Application of 75% RDF + 100 gm each of Azotobacter, Azospirillum & PSB per plant Technology option-II (TO-II): Application of gypsum 1 kg/ plant + FYM 15 kg/ plant + recommended of N, P and 120% K in saline sodic soil increased the yield by 51 % over control.(Assessed)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Dept. of Fruit science OUAT, 2014-15 and NRC Banana, 2013-14
5.	Production system and thematic area	Fruit cultivation and Integrated Nutrient Management
6.	Performance of the Technology with performance indicators	No. of fingers /bunch, bunch weight, yield, B:C ratio
7.	Final recommendation for micro level situation	OFT in first year
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Filed visit, interaction, group discussion, problem identified and prioritization. Combined application of gypsum and high dose of fertilizer increased yield of banana

Thematic area: Integrated Nutrient Management

Problem definition: Low yield due to improper Nutrient management

Technology assessed: TO-II: Application of gypsum 1 kg/ plant + FYM 15 kg/ plant + recommended of N, P and 120% K in saline sodic soil increased the yield by 51 % over control.

Table: Result

Technology option	No. of trials	Yield component		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of fruits/bunch	Bunch weight (kg)					
FP	7	97.28	9.78	227.2	387815	681600	293785	1.75
TO-I	7	122.14	12.14	269.5	422972	808500	385528	1.91
TO-II	7	133.37	14.21	287.14	412815	861420	448605	2.08

OFT-3

1.	Title of On farm Trial	REFINEMENT OF IMPROVED TECHNIQUES OF PADDY STRAW MUSHROOM CULTIVATION USING CRUMBLED STRAW
2.	Problem diagnosed	Low yield of paddy straw mushroom bed by using crumbled straw
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Rectangular compact method size. Mushroom production by using crumpled paddy straw -5kg with normal practices (soaking in water 5hr with 2% calcium carbonate) unknown age of spawn,3% of dry substrate weight, pulse power 3% dry substrate weight Technology option-I (TO-I): Square compact bed size (45x45x45cm) mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo ₃ , 14-20 age spawn at 2% of dry substrate weight and Horsegram power (at 3% dry substrate weight) Technology option-I (TO-II): Circular compact bed size (45cm diameter) Mushroom production by using crumpled paddy straw 5kg, soaking of water for 5hrs in 2% CaCo ₃ ,14-20 day age spawn at 2%of dry substrate weight and Horsegram power (at 3% dry substrate weight).(Assessed)
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	Department of Plant Pathology 2012, TNAU,Coimbatore,2012
5.	Production system and thematic area	Homestead and Mushroom Spawn Production
6.	Performance of the Technology with performance indicators	Days of pin head appearance, Average fruit body weight, Biological efficiency, yield, B:C ratio
7.	Final recommendation for micro level situation	OFT in 2nd year
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Filed visit, interaction, group discussion, problem identified and prioritization. Well adopted by mushroom farmers as it is low cost technology

Thematic area: Mushroom Spawn Production

Problem definition: Low yield of paddy straw mushroom bed by using crumbled straw

Technology assessed: TO-II: Circular compact bed size (45cm diameter) Mushroom production by using crumpled paddy straw 5kg, soaking of water for 5hrs in 2% CaCo₃,14-20 day age spawn at 2%of dry substrate weight and Horsegram power (at 3% dry substrate weight).

Table: Result

Technology option	No. of trials	Yield component		Yield (q/ha)	Cost of cultivation	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Days of emergence of	Biological efficiency					

		pin head	(%)		(Rs./ha)			
FP	7	8.4	9.4	0.47	42	72	25	1.59
TO-I	7	8.6	11.2	0.56	42	82	35	1.83
TO-II	7	8.9	11.8	0.59	42	83	41	1.97

OFT-4

1.	Title of On farm Trial	ASSESSMENT OF EFFECTIVENESS OF DIFFERENT EXTENSION METHODS TO ACCESS INFORMATION ON RICE PRODUCTION
2.	Problem diagnosed	Low rate of transfer of technology
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Farmers getting information from private apps & websites besides peer group, input dealers, extension functionaries, mass media, KMA Technology option-I (TO-I): FP + Short Video Lecture+ Focus Group discussion (Assessed) Technology option-II (TO-II): FP + rice Xpert App
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	
5.	Production system and thematic area	Rice-pulses (Rainfed) and ICT
6.	Performance of the Technology with performance indicators	Timely Availability / delivery of technology, suitability of technology, ease in handling, retention and retrieve information
7.	Final recommendation for micro level situation	OFT in 2nd year
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Diagnostic field visit, Method demonstration training

Thematic area: ICT

Problem definition: Low rate of transfer of technology

Technology Assessed: FP + Short Video Lecture+ Focus Group discussion (Assessed)

Table: Result

Parameter	Category 2 Mean Score	Z-score	p-value	SD	Inference
Timely Availability	8.6	2.20	$p < 0.05$	0.36	Consistent, timely information delivery in Category 2
Delivery of Technology	8.8	2.35	$p < 0.05$	0.34	Effective technology transfer in Category 2
Suitability of Technology	8.7	2.40	$p < 0.05$	0.32	High suitability for farmer needs in Category 2
Ease in Handling	8.4	2.25	$p < 0.05$	0.38	User-friendly, accessible extension method in Category 2
Retention & Retrieval	8.9	2.55	$p < 0.05$	0.30	Superior retention due to interactive methods in Category 2

OFT-5

1.	Title of On farm Trial	ASSESSMENT OF EFFECTIVENESS OF VARIOUS SOURCES OF INFORMATION FOR PEST MANAGEMENT IN RICE
2.	Problem diagnosed	Yield loss in rice
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Technology Option-I (TO-I): Information from input dealers (Information to be collected through identified dealers) (Assessed) Technology Option-II (TO-II): Technological backstopping from first line extension workers Extension functionaries (Information through AAOs/KS/VAWs) Technology Option-III (TO-III): Technological backstopping from Front line extension workers(KVK/RRTTS/SAU/ICAR)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	
5.	Production system and thematic area	Rice-Pulse-Vegetable and
6.	Performance of the Technology with performance indicators	Accuracy, timeliness, usability, reliability, accessibility, change in knowledge, skill and attitude
7.	Final recommendation for micro level situation	OFT in 1st year
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Diagnostic field visit, Method demonstration training

Thematic area:**Problem definition:** Low rate of transfer of technology**Technology Assessed:** FP + Short Video Lecture+ Focus Group discussion (Assessed)**Table: Result**

Parameter	Category 3 Mean Score	Z-score	p-value	SD	ANOVA F- value	ANOVA p- value	Inference
Accuracy	8.8	2.50	$p < 0.05$	0.30	24.62	$1.45e-20$ ($p < 0.05$)	High accuracy in pest management information
Timeliness	8.7	2.35	$p < 0.05$	0.32	24.62	$1.45e-20$ ($p < 0.05$)	Information is delivered promptly
Usability	8.6	2.40	$p < 0.05$	0.31	24.62	$1.45e-20$ ($p < 0.05$)	Information is easy to understand and apply
Accessibility	8.5	2.25	$p < 0.05$	0.34	24.62	$1.45e-20$ ($p < 0.05$)	Reliable access to pest management information
Change in Knowledge, Skill, and Attitude	8.9	2.55	$p < 0.05$	0.28	24.62	$1.45e-20$ ($p < 0.05$)	Significant improvement in farmers' knowledge, skills, and attitudes toward pest management

OFT - 6

1.	Title of On farm Trial	ASSESSMENT ON HIGH YIELDING SESAME VARIETIES FOR RAINFED MEDIUM LAND
2.	Problem diagnosed	Low yield of sesame
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Cultivation of Sesame variety Prachi Technology option-I (TO-I): Cultivation of Sesame variety Kalinga sesame 3-1 Technology option-I (TO-II): Cultivation of Sesame variety OUAT Kalinga sesame -1(Arhit)
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	AICRP on Sesame 2019, OUAT,2019
5.	Production system and thematic area	Rice- Sesame and Varietal evaluation
6.	Performance of the Technology with performance indicators	Number of pod/plant, number of seeds/pod, test weight, seed yield (q/ha), stover yield (q/ha), B:C ratio
7.	Final recommendation for micro level situation	OFT in 1 st year(Rabi, 2023-24)
8.	Constraints identified and feedback for research	NA
9.	Process of farmers participation and their reaction	Filed visit, interaction, group discussion, problem identified and prioritization

Thematic area: Varietal evaluation

Problem definition: Low yield of sesame

Technology assessed:

Table:

Technology option	No. of trials	Yield component			stover yield (q/ha)	Seed-Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Number of pod/plant	Number of seeds/pod	Test wt. (100 grain wt.)						
FP- Prachi	07	92	58	2.86	7.7	6.4	24000	44800	20800	1.87
TO1-Kalinga sesame 3-1	07	118	62	2.94	8.8	7.2	25000	50400	25400	2.02
TO2-OUAT-Kalinga(Arhit)	07	134	68	3.08	10.2	8.4	25000	58800	33500	2.35

Results:

Good quality photographs of different treatments:

OFT - 7

1.	Title of On farm Trial	ASSESSMENT OF HERBICIDES FOR WEED MANAGEMENT IN TOMATO
2.	Problem diagnosed	Low yield due to heavy weed infestation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Manual weeding Technology option-I (TO-I): Pre-emergence application of pendimethalin (30% EC) 1kg/ha a.i followed by one hand weeding on 30 days after transplanting Technology option-I (TO-II): Pre emergence application of Metribuzin (70%WP) 750 g/ha a.i followed by one hand weeding on 30 Days after Transplanting
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	ICAR-Directorate of Weed Research, 2020
5.	Production system and thematic area	Rice -vegetable and Weed management
6.	Performance of the Technology with performance indicators	Weeds/m ² , Yield (Q/ha), B:C ratio
7.	Final recommendation for micro level situation	OFT in 1 st year, 2024
8.	Constraints identified and feedback for research	NA
9.	Process of farmers participation and their reaction	Filed visit, interaction, group discussion, problem identified and prioritization

Thematic area: Weed management

Problem definition: Low yield due to heavy weed infestation

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Number of weeds/m ²	No. of fruits/plant	Yield (q/ha)				
FP- Manual weeding	446.1	31.14	281.14		175380	337368	161988	1.92
TO-I- Pre-emergence application of pendimethalin (30% EC) 1kg/ha a.i + Hand weeding	84.2	39.57	316.28	11	169280	379536	210256	2.24
TO-II- Pre emergence application of Metribuzin (70%WP) 750 g/ha a.i+ hand weeding at 30 days after transplanting	51.71	44.85	339.42	17	169780	47304	237524	2.39

OFT - 8

1.	Title of On farm Trial	ASSESSMENT OF PREPARATION OF SUGARCANE JAGGERY
2.	Problem diagnosed	Due to black colour and poor quality of jaggery fetching less market value and consumer acceptance
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Using chemical clarificant (Calcium hydroxide) for jaggery preparation Technology option-I (TO-I): Vegetable Clarificant (Ladies finger extract) for jaggery preparation. Technology option-I (TO-II): Vegetable Clarificant (Groundnut paste) for jaggery preparation
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	CFTRI, Mysore, 2014
5.	Production system and thematic area	Homestead and Value addition
6.	Performance of the Technology with performance indicators	Colour, Acceptance, Net return/ql. B:C ratio.
7.	Final recommendation for micro level situation	OFT in 2 nd year
8.	Constraints identified and feedback for research	NA
9.	Process of farmers participation and their reaction	Filed visit, interaction, group discussion, problem identified and prioritization

Thematic area: Value addition

Problem definition: Due to black colour and poor quality of jaggery fetching less market value and consumer acceptance

Technology assessed: Vegetable Clarificant (Groundnut paste) for jaggery preparation

Table: Results:

Technology option	Yield		Shape	Cost of cultivation per Quintal	Net Return per Quintal	BC Ratio
	Colour	Shelf Life				
FP	Black	8	Non uniform	2256	2244	1.9
TO-I	Golden Brown	12	Round	2215	2485	2.1
TO-II	Golden Brown	12	Round	2240	2860	2.2

Good quality photographs of different treatments:

OFT - 9

1.	Title of On farm Trial	ASSESSMENT OF INCLUSION OF BROKEN RICE AS A SUBSTITUTE FOR MAIZE AS FEED INGREDIENT IN POULTRY FEED FORMULATIONS ON GROWTH OF CHICKS IN SEMI-INTENSIVE SYSTEM OF REARING
2.	Problem diagnosed	Poor growth rate of growing chicks due to poor feed provisioning due to high cost of commercially available poultry feed
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Feeding of only broken rice during 35 days followed by free range feeding Technology option-I (TO-I): Provisioning feed with ground maize 35%, GNOC 23%, Fish meal 10%, wheat bran 15%, Broken rice 15%, Di calcium phosphate 1%, Vitamins amino acids 1.6%, salt 0.4% c Technology option-I (TO-II): Soaking of chaffed straw in 1% alkaline water (NaHCO ₃), draining residual water, washing with fresh water and fed @6-8kg/day
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-CIWA 2016,
5.	Production system and thematic area	Semi intensive, Livestock Production and Management
6.	Performance of the Technology with performance indicators	Body weight at 15 days, 30days, 45 days, mortality rate, Body wt. gain, Egg production, BC ratio
7.	Final recommendation for micro level situation	Broken rice can reduce the cost of feed.
8.	Constraints identified and feedback for research	Availability of broken rice for poultry is difficult as it is utilized for human consumption.
9.	Process of farmers participation and their reaction	Positive

Thematic area: Livestock Production and Management

Problem definition: Poor growth rate of growing chicks due to poor feed provisioning due to high cost of commercially available poultry feed
Technology assessed:

Result Table:

Technology option	No. of trials	Yield component		% increase	Cost of cultivation	Gross return	Net return	BC ratio
		Mortality rate (%)	Body weight at 60 days (Kg)					
FP	7	12	0.533		4120	10319	6199	2.50
TO1:		6	0.744	28.3	5295	15386	10091	2.90
TO2 :		7	0.77	30.7	5286	15754	10468	2.98

OFT - 10

1.	Title of On farm Trial	ASSESSMENT OF LOW COST CONCENTRATE MIXTURE ON CB HEIFER FOR EARLY ONSET OF ESTRUS
2.	Problem diagnosed	Improper nutrition of dairy heifer animals, late puberty, Decreased body condition of cows, Repeat breeding
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): No supportive treatment Technology option-I (TO-I): Straw + Concentrate mixture 1(Maize-50%, Wheat bran- 30%, GNOC-17%, mineral mix -2.5%, salt -0.5%) Technology option-I (TO-II): Straw + Concentrate mixture 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)	NDDB, 2022
5.	Production system and thematic area	Semi intensive, Livestock Production and Management
6.	Performance of the Technology with performance indicators	Body weight at puberty, age at first heat, conception rate, BC ratio
7.	Final recommendation for micro level situation	Reduction of feed cost increased net income
8.	Constraints identified and feedback for research	Availability of components

9.	Process of farmers participation and their reaction	Positive
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Thematic area: Livestock Production and Management

Problem definition: Poor growth rate of growing chicks due to poor feed provisioning due to high cost of commercially available poultry feed
 Technology assessed: Straw + Concentrate mixture 2 (Maize-25%, Broken rice- 25% Wheat bran – 30%, GNOC-10%, mineral mix -2.5%, salt -0.5%)

Result Table:

Technology option	No. of trials	Yield component		% increase	Cost of cultivation	Gross return	Net return	BC ratio
		Age at first heat (month)	Body weight at puberty (Kg) Approx					
FP	7	23	255 kg		4320	5200	880	1.2
TO1:	7	20.8	267 kg	47	4480	6570	2090	1.46
TO2 :	7	18.3	272 kg	66	4520	6850	2330	1.51

OFT - 11

1.	Title of On farm Trial	ASSESSMENT OF DIFFERENT DUCK BREEDS IN BACKYARD
2.	Problem diagnosed	Duck breeds reared are purely traditional and less remunerative
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Local duck or desi variety Technology option-I (TO-I): Khaki Campbell Technology option-I (TO-II): Desi X Khaki Campbell
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-CARI, BBSR, 2016-17,
5.	Production system and thematic area	Semi intensive, Livestock Production and Management
6.	Performance of the Technology with performance indicators	Chick mortality, Growth rate and egg productivity , BC ratio
7.	Final recommendation for micro level situation	DK cross high survivability than khaki campbell, body wt gain comparable in both breeds
8.	Constraints identified and feedback for research	Availability of ducklings and no vaccination available
9.	Process of farmers participation and their reaction	Positive

Thematic area: Livestock Production and Management

Problem definition: Duck breeds reared are purely traditional and less remunerative

Technology assessed: Desi X Khaki Campbell Duck in backyard

Result Table:

Technology option	No. of trials	Yield component		% increase	Cost of cultivation	Gross return	Net return	BC ratio
		Mortality rate (%)	Body weight at 180 days (Kg)					
FP	5	19	1.01		7000	16362		2.33
TO1:	5	11	1.36		7000	21787		3.11
TO2 :	5	5	1.42		7000	24282		3.47

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

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.	Maize	Varietal evaluation	Cultivation of Maize hybrid Kalinga Raj (OMH 14-27)	2.0	2.0	2				8		10		10		
2	Greengram	Integrated Nutrient Management	Application of 75% STBFR+ Foliar application of WSF 18-18-18 @2% at pre flowering and pod filling	2.0	2.0	4				6		10		10		
3	Groundnut	Varietal evaluation	Cultivation of ground nut variety “ Kalinga ground nut-101”.	2.0	2.0	3				7		10		10		
4	Rice (False Smut disease)	Integrated Disease Management	Seed treatment Carbandazim@2g/kg seed and application of Trifloxystrobin + Tebuconazole @200gram/ha. at Boot stage& after 10 days interval	2.0	2.0	3				7		10		10		
5	Mango	Integrated Pest Management	Spray with Hexaconazole 5%SC @ 0.05% at pea stage followed by spraying of (Tebuconazole 50% + Trifloxystrobin25% WG) @ 0.1% after 15 days and 3rd	2.0	2.0	3				7		10		10		

			spray at 30 days prior to harvest again with Hexaconazole 5%SC followed by post harvest hot water dip treatment (52°C for 10 min)												
6	Chilli	Integrated Disease Management	Seed treatment with (Carboxin 37.5% + Thiram 37.5%) @ 0.2% followed by three sprayings with Difenconazole @ 0.1% from initial disease appearance at 10 days interval.	1.0	1.0					10	10	10			
7	Yard long Bean	Varietal evaluation	Arka Mangala - Plants tall (3-4 m), pods are very long (80 cm)and matures in 60 days . Suitable for kharif and rabi. Pod yield: 25 t/ha in 100 days.	1.0	1.0	2				8	10	10			
8	Chilli	Varietal evaluation	Cultivation of Chilli leaf curl virus tolerant variety Arka Sanvi	1.0	1.0	2				8	10	10			
9	Bittergourd	Integrated Nutrient Management	STBF +vermicompost (2.5 ton/ha)+Azotobactor:Azospirillum:PSB@1:1:1 @ 4 kg/ha applied 3 time (basal, 30 days & 45 days)	1.0	1.0					10	10	10			
10	Tomato	Integrated Nutrient Management	Spray of PGRs comprising of NAA @ 15ppm +SA was found to be the best in terms of yield (10.63kg/plant), fruit length (4.78cm), fruit diameter (5.63cm)	1.0	1.0	3				7	10	10			

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					
Maize	Kharif, 2024	Rainfed	Sandy loam	218.0	21.6	133.6	Blackgram	23.06.2024	30.09.2024		
Greengram	Rabi, 2024	Irrigated	Sandy loam	203.4	22.6	162.7	Rice	20.12.2024	Not harvest		
Rice (False Smut disease)	Kharif, 2024	Rainfed	Sandy loam	198.7	16.3	298.7	Greengram	21.6.2024	2.11.2024		
Mango	Kharif, 2024	Rainfed	Clay loam				Fallow	21.8.2024	Not harvest		
Chilli	Rabi, 2024	Rainfed	Sandy loam	170.5	11.6	117.8	Vegetable	19.12.2024	Not harvest		
Yard long Bean	Rabi, 2024	Irrigated	Sandy loam	172.3	19.5	144.7	Fallow	10.12.2024	Not harvest		
Chilli	Kharif, 2024	Rainfed	Sandy loam	172.3	19.2	144.7	Fallow	25.8.2024	18.11.2024		
Bittergourd	Rabi, 2024	Irrigated	sandy loam	219.2	10.4	113.6	Rice	16.9.2024	22.12.2024		
Tomato	Rabi, 2024	Irrigated	Sandy loam	167.6	8.6	114.7	Vegetable	18.8.2024	22.11.2024		

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
Maize	Varietal evaluation	Cultivation of Maize hybrid Kalinga Raj (OMH 14-27)	10	2.0		43.4		Cob weight (g/cob) -130.6	124.2	35000	79120	44120	2.26	35000	69440	34440	1.98
Greengram	Integrated Nutrient Management	Application of 75% STBFR+ Foliar application of WSF 18-18-18 @2% at pre flowering and pod filling	10	2.0	8.3	6.6	25.7	No.of pods/plant-14.6	9.7	22000	40500	18050	1.84	18000	31000	13000	1.72
Groundnut	Varietal evaluation	Cultivation of ground nut variety “ Kalinga ground nut-101”.	10	2.0													
Rice (False Smut disease)	Integrated Disease Management	Seed treatment Carbandazim@2g/kg seed and application of Trifloxystrobin + Tebuconazole @200gram/ha. at Boot stage& after 10 days interval	10	2.0				Affected panicle (%) -2.3	10.3	44000	92800	48800	2.11	42000	82400	40400	1.96
Mango	Integrated Pest Management	Spray with Hexaconazole 5%SC @ 0.05% at pea stage followed by spraying of (Tebuconazole 50% + Trifloxystrobin25% WG) @ 0.1% after 15 days and 3rd spray at 30 days prior to harvest again with Hexaconazole 5%SC followed by post harvest hot water dip treatment (52OC for 10 min)	10	2.0		46.4		Affected leaves %-2.3	14.8	30000	108400	78400	3.61	26000	92800	66800	3.57

Livestock

[illegible]

Sheep and goat	Livestock Production & Management	Demonstration on dietary supplementation of mineral mixture and concentrate on juvenile growth of goats	10	10	Body wt (6 month) Kg (50 kids) - 8.21	Body wt (6 month) Kg (50 kids) -6.35	29.29	Mortality - 18	Mortality - 4	18319	59112	40793	3.22	18000	39052	21052	2.17
Duckery																	
Others (Fodder)	Fodder	Demonstration on perennial fodder production and feeding in dairy farming.	10	10	Avg. milk yield (90 days) 6.02	Avg. milk yield (90 days) 6.54	8.3	Production 30t/ha	-	4500	14625	10125	3.25	9000	12960	3960	1.44
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.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
IMC	Production and management	Demonstration on Yearling stocking for yield enhancement in Community pond	5	5	40.6	26.7	52.1	Survivability (%) 84.4, plankton conc. (ml/50 lit. water) 2.65 Avg body wt (kg): 0.845	Survivability (%) 46.7, plankton conc. (ml/50 lit. water) 2.22 Avg body wt (kg): 0.474	139300	406000	266700	2.21	111600	267000	155400	1.98
	Production and management	Demonstration on Genetically Improved (GI) catla in composite carp culture	5	5													
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			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	**BCR	Gross Cost	Gross Return	Net Return	**BCR
Paddy straw mushroom	Humidity management in paddy straw mushroom	10	10	0.81kg / bed	0.47kg / bed	72	(Biological efficiency%)1.5	6.7	82	203	121	2.4	75	118	43	1.5
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Finger Millet	Value addition of Finger millet for enhancing income of SHG	10	10	Gross income (Rs) 1200/10 kg	400/10 kg	200	Sensory evaluation, keeping quality-7.8	Sensory evaluation, keeping quality-6.4	590	1200	610	2.03	100	400	300	1.3
Tuberose	Tuberose cultivation for income generation of farm women	10	10	78.7	54.9	23.8	No. of Flower/ spike -1.88	1.6	223345	626450	43104	2.84	209240	312320	16216	1.49
Marigold	Var. Bidhan marigold - 2	10	10	98.6 q/ha	83.4	18.2	Wt. of Flower/ plant (g.)145.7	113.2	150000	394400	244400	2.62	140000	333600	193600	2.38
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

Demonstration on usefulness of health management calendar for Ganjam goats

Technology : A colourful calendar in local language will be printed and which include pictures and information related to de-worming, vaccination, supplement feeding, pregnant animal care etc.

Parameter	Mean Score	Z-score	p-value	SD	Inference
Applicability of Calendar	8.5	2.30	$p < 0.05$	0.35	High applicability, aligning with Ganjam goat management
Accessibility of Calendar	8.7	2.40	$p < 0.05$	0.32	Easily accessible and user-friendly for farmers
Knowledge Level	8.9	2.50	$p < 0.05$	0.30	Significantly improves knowledge on goat health management
Change in Attitude	8.4	2.20	$p < 0.05$	0.38	Positively influences proactive health practices
Morbidity & Mortality Rate	8.6	2.45	$p < 0.05$	0.34	Reduces morbidity and mortality rates among goats
Communicability	8.8	2.55	$p < 0.05$	0.31	Information is easily shared within the farming community

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)			
					Demonstration	Check									
Dry land power weeder in Rabi vegetables	Tomato / Brinjal	Capacity: 0.08-0.1 ha/h (12.5 h/ha) Cost of operation: Rs 2000-2500/- per ha	10		Labourrequire (MD/ha)- 12	Labourrequire (MD/ha) - 44	72	Fuel consumption (Lt./hr.) – 0.8	-	Cost incurred (Rs./ha.) – 6000/-	Cost incurred (Rs./ha.) – 13200/-				

* 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

Demonstration details on crop hybrids

[illegible]

[illegible]

Total										
Commercial crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Total										

-Good quality photographs of FLDs

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Maize	As Kalinga Raj is a HYV, so farmers can increase area under this variety
2	Chilli (Anthracnose)	As disease fruit percentage is lower so farmers can adopt this technology
3	Tomato	Arka Rakshak fruit is oval shape but round shape fruit are preferred in local market
4	Rice (False Smut Disease)	Seed treatment with Carbendazim and application of Trifloxystrobin + Tebuconazole decreased the disease
5	Humidity management in PS mushroom	As it is low cost technology, well adopted by mushroom farmers
6	Chilli (LCV)	As Arka Sanvi is a Leaf curl virus tolerant variety, so farmers adopted this variety
8	Pickle from oyster mushroom	Fetching good income, keeping quality, taste, and flavor are appreciable.
9	Fodder CO4	Improved milk production, reduction in production cost
10	Bypass fat feeding dairy cows	High value of milk, Market acceptability increased, Reduced body wt loss
11	Goat/small ruminant (Dietary supplementation of mineral mixture)	Productivity: 29% increase body wt, Profitability: Increased (93.7%) Mortality, Morbidity reduced
12	Pro-biotics in poultry feed	Lower incidence of diarrhea, increased FCR
13	Tuberose cultivation	No. of floret per spike in demo is more (32.4). so farmers can adopt this variety.
15	Cowpea (Arka Mangala)	Cowpea var. Arka Mangala recorded more no. of pods/plant, fruit length and less YMV infection resulting higher yield

Extension and Training activities under FLD Maize

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	16.7.2024	1	50	
2.	Farmers Training	13.11.2024	1	25	
3.	Media coverage				
4.	Training for extension functionaries				

Extension and Training activities under FLD-Rice (False smut disease)

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	23.10.2024	1	50	
2.	Farmers Training	03.7.2024	1	25	
3.	Media coverage				
4.	Training for extension functionaries				

Extension and Training activities under FLD Mango

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days				
2.	Farmers Training	11.9.2024	1	25	
3.	Media coverage				
4.	Training for extension functionaries				

Extension and Training activities under FLD Greengram

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days				
2.	Farmers Training	11.9.2024	1	25	
3.	Media coverage				
4.	Training for extension functionaries				

iExtension and Training activities under FLD– False smut disease in Rice

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	11.08.2024	1	25	
2.	Farmers Training	10.09.2024	2	50	
3.	Media coverage				
4.	Training for extension functionaries				

Extension and Training activities under FLD on Bypass feeding

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	13.06.2024	1	25	
2.	Farmers Training	03.07.2024	1	50	
3.	Media coverage				
4.	Training for extension functionaries				

Extension and Training activities under FLD Tube Rose Cultivation

Sl.a	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	12.12.2024	1	50	
2.	Farmers Training	12.12.2024, 24.12.2024	2	25	
3.	Media coverage				
4.	Training for extension functionaries				

Extension and Training activities under FLD- Humidity management in Paddy Straw mushroom

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	23.07.2024	1	25	
2.	Farmers Training	19.08.2024, 10.09.2024	2	50	
3.	Media coverage				
4.	Training for extension functionaries				

Performance of the demonstration under CFLD on Summer Oilseed Crops during 2024:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Avg.	D	S	P
	Sesame	Local Kala Rashi	4.2	3.2	2.37	8	Smarak, High yielding variety, line sowing, Sucking pests- Thiameyhoxam@ 150gram/ha., Capsule Borer- Indoxacarb@ 200ml/ha. Alternaria leaf blight- Mancozeb+Carbendazim@ 1kg/ha	50	20	5.9	5	5.48	100	100	68

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	High yielding variety, line sowing,	18000	32300	14300	1.79	19000	46580	27580	2.45

Sucking pests- Thiamethoxam@ 150gram/ ha., Capsule Borer- Indoxacarb@ 200ml/ha. Alternaria leaf blight- Mancozeb +Carbendazim@ 1kg/ha								
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C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/household)
1-	Sesame. Smarak	8770	8538	85	286	126	-For next season crop - Household expenses - Children's education	194

D. 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	High yielding variety, line sowing, Sucking pests- Thiameyhoxam@ 150gram/ha., Capsule Borer-Indoxacarb@ 200ml/ha. Alternaria leaf blight- Mancozeb+Carbandazi m@ 1kg/ha	Yes	Yes	Yes	No	Yes	
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E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
No. of pods/plant	96	82	Satisfied with the variety
No. of damaged pods/plant	3.2%	7.4%	Satisfied with the technology

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Group discussion	28.02.2024	22
2	Group meeting	01.03.2024	25
3	Method Demo	15.04.2024	26
4	Diagnostic field visit	18.04.2024	27
5	Field Day	06.05.2024	50

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

H. Farmers' training photographs

I. 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	517500	443208	

A) Farmers and farm women (on campus)

[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			
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	1	10	4	14	9	2	11	0	0	0	19	6	25
WTO and IPR issues													
Others (Health mgt. calendar Ganjam goat)	1	25	0	25	0	0	0	0	0	0	25	0	25
Total	2	35	4	39	9	2	11	0	0	0	44	6	50
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	15	201	103	304	45	26	71	0	0	0	240	135	375

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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
Fry and fingerling rearing													
Plant products & ITKs for pest control													
Total	9	78	36	114	17	4	21	0	0	0	80	55	135

C) Extension Personnel (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
Productivity enhancement in field crops													
Integrated Pest Management	1	9	3	12	2	1	3	0	0	0	11	4	15
Integrated Nutrient management													
Rejuvenation of old orchards	1	10	5	15	0	0	0	0	0	0	10	5	15
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care	1	0	13	13	0	2	2	0	0	0	0	15	15
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application (ICT-led knowledge management and usage patterns in Agriculture)	1	7	2	9	4	2	6				11	4	15
Management in farm animals	1	13	2	15	0	0	0	0	0	0	13	2	15
Livestock feed and fodder production													
Household food security	1	0	13	13	0	2	2	0	0	0	0	15	15
Other													
Total	6	39	38	77	6	7	13	0	0	0	45	45	90

D) Farmers and farm women (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
I. Crop Production													
Weed Management	1	17	4	21	3	1	4	0	0	0	20	5	25

[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			
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	45	419	289	708	228	153	381	17	8	25	657	468	1125

E) RURAL YOUTH (Off Campus)

[illegible]

[illegible]

F) Extension Personnel (Off Campus)

[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			
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management	2	23	10	33	11	6	17	0	0	0	34	16	50
Poultry Management	2	18	4	22	11	6	17	0	0	0	29	21	50
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management	1	17	4	21	3	1	4	0	0	0	20	5	25
Feed & fodder technologies	2	22	7	29	17	4	21	0	0	0	39	11	50
Production of quality animal products	1	16	9	25	0	0	0	0	0	0	16	9	25
Others sheep goat management	2	12	3	15	32	3	35	0	0	0	44	6	50
Total	10	108	37	145	74	20	94	0	0	0	182	68	250
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	1	47	48	2	0	2	0	0	0	1	49	50

[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
Pearl culture													
Fish processing and value addition													
Others	1	14	3	17	5	3	8	0	0	0	19	6	25
Total	6	90	19	109	29	12	41	0	0	0	119	31	150
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	1	16	2	18	7	0	7	0	0	0	18	7	25
Group dynamics	2	26	4	30	12	8	20	0	0	0	38	12	50
Formation and Management of SHGs	1	12	3	15	8	2	10	0	0	0	20	5	25
Mobilization of social capital	1	11	4	15	7	3	10	0	0	0	18	7	25
Entrepreneurial development of farmers/youths	3	32	12	44	21	10	31	0	0	0	53	22	75
WTO and IPR issues													
Others (Health mgt. calendar Ganjam goat)	1	25	0	25	0	0	0	0	0	0	25	0	25
Total	9	122	25	147	55	23	78	0	0	0	172	53	225
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	60	594	392	1015	271	178	449	17	8	25	904	604	1500

ii. RURAL YOUTH (On and 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
Nursery Management of Horticulture crops	1	11	4	15	0	0	0	0	0	0	11	4	15
Training and pruning of orchards													
Protected cultivation of vegetable crops	1	10	2	12	1	2	3	0	0	0	11	4	15

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
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture	1	8	7	15		0	0	0	0	0	8	7	15
Mushroom Production	1	5	9	14	1	0	1	0	0	0	6	9	15
Beekeeping	1	7	1	8	6	1	7	0	0	0	13	2	15
Sericulture													
Repair and maintenance of farm machinery and implements	1	10		10	5	0	5	0	0	0	0	15	15
Value addition	1	10	5	15	0	0	0				10	5	15
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing	1	5	5	10	4	1	5	0	0	0	9	6	15
Quail farming													
Piggery													
Rabbit farming													
Poultry production	1	12	3	15	0	0	0	0	0	0	12	3	15
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	9	78	36	114	17	4	21	0	0	0	80	55	135

iii. Extension Personnel (On and 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													
Integrated Pest Management	1	9	3	12	2	1	3	0	0	0	11	4	15
Integrated Nutrient management													
Rejuvenation of old orchards	1	10	5	15	0	0	0	0	0	0	10	5	15
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care	1	0	13	13	0	2	2	0	0	0	0	15	15
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application	1	7	2	9	4	2	6				11	4	15
Management in farm animals	1	13	2	15	0	0	0	0	0	0	13	2	15
Livestock feed and fodder production													
Household food security	1	0	13	13	0	2	2	0	0	0	0	15	15
Other													
Total	6	39	38	77	6	7	13	0	0	0	45	45	90

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
Crop Production	F/FW	INM in sunflower	1	Off	20	5	25	7	3	10
Crop Production	F/FW	IWM in rice	1	Off	19	6	25	5	0	5
Crop Production	F/FW	IWM in DSR	2	Off	38	12	50	6	9	14
Crop Production	F/FW	ICM in ragi	1	Off	18	7	25	8	5	13
Crop Production	F/FW	ICM in maize	1	On	19	6	25	4	3	25
Crop Production	F/FW	ICM in Ragi	1	On	21	4	25	6	2	8
Crop Production	RY	Vermiculture	2	On	17	13	30	7	8	15
Plant Protection	F/FW	Management of major diseases in chilli	1	On	18	7	25	4	4	8
Plant Protection	F/FW	Integrated Pest Management in sesame	1	On	16	9	25	5	2	7
Plant	F/FW	Management of fall	1	Off	19	6	25	3	2	5

Protection		army worm in Maize								
Plant Protection	F/FW	Integrated Pest Management in Rice	1	On	14	11	25	6	4	10
Plant Protection	F/FW	Integrated Disease Management in Ragi	1	Off	15	10	25	6	5	11
Plant Protection	F/FW	Integrated Pest Management in pigeonpea	1	On	15	10	25	6	3	9
Plant Protection	F/FW	Management of diseases in Brinjal	1	On	20	5	25	5	2	7
Plant Protection	F/FW	Integrated Pest Management in mango	1	On	20	5	25	5	3	8
Plant Protection	RY	Honey bee rearing	2	On	13	2	15	6	1	7
Plant Protection	RY	Role of plant products & ITKs for pest control	2	On	10	5	15	4	2	6
Plant Protection	IS	Role of new generation pesticide for pest control	1	On	11	4	15	4	2	6
Horticulture	Farmers/FW	Package of practices for brinjal cultivation	1	On	19	6	25	0	0	0
Horticulture	Farmers/FW	Agro techniques of chilli cultivation	1	On	21	4	25	4	0	4
Horticulture	Farmers/FW	Offseason cauliflower cultivation	1	Off	25	0	25	6	0	6
Horticulture	Farmers/FW	Quality seedling production of vegetable in portray	1	On	25	0	25	0	0	0
Horticulture	Farmers/FW	Agro techniques for bitter gourd cultivation	1	Off	12	13	25	10	13	25
Horticulture	Farmers/FW	Use of growth regulator in vegetable	1	On	20	5	25	4	0	4
Horticulture	RY	Grafting techniques in solanaceous crop	2	On	15	0	15	0	0	0
Horticulture	RY	Modern techniques for cultivation of apple ber	2	On	15	0	15	0	0	0
Horticulture	Farmers/FW	Use of growth regulator in vegetable	1	Off	25	0	25	25	0	25
Horticulture	Farmers/FW	Package of practices for brinjal cultivation	1	Off	12	13	25	12	13	25
Horticulture	Farmers/FW	Off season tomato	1	Off	3	22	25	3	22	25

		cultivation								
Horticulture	Farmers/FW	Off season cauliflower cultivation	1	Off	6	19	25	6	19	25
Horticulture	IS	Rejuvenation of old orchards	1	Off	25	0	25	25	0	25
Home Science	F/FW	Design and development of low/minimum cost diet	1	Off		25	25		7	7
Home Science	F/FW	Moisture management in paddystraw mushroom unit	1	Off		25	25		8	8
Home Science	F/FW	Value addition of mango	1	Off		25	25		11	11
Home Science	F/FW	Planning and layout of kitchen garden	1	Off		25	25			
Home Science	F/FW	Use of agricultural tools and implements for drudgery reduction	1	On		25	25		6	6
Home Science	F/FW	Cultivation of biofertilized vegetable	1	Off		25	25		15	15
Home Science	F/FW	Cultivation practices of paddystraw mushroom	1	Off		25	25		9	9
Home Science	F/FW	Value addition of Ragi	1	Off		25	25		9	9
Home Science	F/FW	Vermi composting by use of spent mushroom straw	1	Off		25	25		11	11
Home Science	F/FW	Cultivation practices of different varieties of oyster mushroom	1	Off		25	25		6	6
Home Science	F/FW	Value addition of Tomato	1	Off	0	25	25	0	11	11
Home Science	F/FW	Women empowerment	1	On	0	25	25	0	2	2
Home Science	RY	Value addition of fruits and vegetables	2	On	9	6	15		1	1
Home Science	RY	Mushroom production	1	On	6	9	15	1	0	1
Home Science	IS	House hold food security		On	0	15	15	0	2	2
Home	IS	Women and	1	0	13	13	0	2	2	0

Science		Child care								
Animal Science	FW	Dairy Management	2	Off	34	16	50	34	16	50
Animal Science	FW	Poultry Management	2	Off	29	21	50	29	21	50
Animal Science	FW	Disease Management	1	Off	20	5	25	20	5	25
Animal Science	FW	Feed & fodder technologies	2	Off	42	8	50	39	11	50
Animal Science	FW	Production of quality animal products	1	Off	14	11	25	14	11	25
Animal Science	FW	Others sheep goat management	2	On	44	6	50	19	6	25
Animal Science	RY	Income generation through scientific Goat / sheep farming	2	On	10	5	15	5	1	6
Animal Science	RY	Low input technology (LIT) poultry farming – A futuristic approach for small farmers	2	On	12	3	15	-	-	-
Animal Science	IS	Management in farm animals	1	On	13	2	15	1	0	1
Agril. Extension	F/FW	Improved techniques of Seed treatment in Groundnut	1	Off	19	6	25	2	0	-
Agril. Extension	F/FW	Market linkage for smallholder farmers	3	Off	61	14	75	6	0	6
Agril. Extension	F/FW	Income generation through agricultural and allied agricultural sector	2	Off	18	32	50	3	0	3
Agril. Extension	F/FW	Farmers Producers Organization	1	Off	17	8	25	4	-	4
Agril. Extension	F/FW	Improved techniques of Seed treatment in Greengram	1	Off	25	-	25	5	-	5
Agril. Extension	F/FW	Management of SHG	1	Off	25	-	25	-	25	25
Agril. Extension	F/FW	Formation of groups for aggregation & marketing of village produce	1	Off	25	-	25	-	25	25
Agril.	F/FW	Orientation and	1	Off	13	12	25	6	5	11

[illegible]

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

[illegible]

b) Details of participation

[illegible]

Other													
Total													
Farm machinery													
Farm machinery, tools and implements													
Other													
Total													
Livestock and fisheries													
Livestock production and management													
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management													
Other													
Total													
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total													

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	18	7 6 8	2 3 7	10 05	248	14	6	20	782	243	1025
Film Show	16	3 1 4	5 4	36 8	88	5	2	7	319	56	375
Research – Extension interface	7	8 4	1 2	96	23	5	4	9	89	16	105

meeting											
Method Demonstrations	8	1 1 0	2 1	13 1	31	7	2	9	117	23	140
Lectures delivered as resource persons	32	6 7 8	1 3 4	81 2	195	18	7	25	696	141	837
Scientific visit to farmers field	54	4 2 9	1 0 8	53 7	129	14	4	18	443	112	555
Farmers visit to KVK	587	4 6 7	1 2 0	58 7	141	0	0	0	467	120	587
TV talks	4	-	-	-	-	-	-	-	0	0	0
Newspaper coverage	10	-	-	-	-	-	-	-	0	0	0
Extension literature	2	-	-	-	-	-	-	-	0	0	0
Farm advisory Services	66	8 8 8	1 0 5	99 3	238			0	888	105	993
Diagnostics visit	54	5 6 0	1 2 4	68 4	164	34	12	46	594	136	730
Exposure visits	2	1 9 0	4 5	23 5	56	112	45	157	302	90	392
Animal Health Camp	2	1 2 4	3 4	15 8	38	39	12	51	163	46	209
Soil Health Camp	1					0	0	0			56
Soil Test Campaign	2	8 8	1 9	10 7	26	2	0	2	90	19	109
Special days (Constitution Day, ICAR Foundation Day, OUAT Foundation Day, Mahila Kissan Diwas, , World Food Day, Ek Ped Maa ke Naam-Plantation Programme, World Soil Day, Vigilance Awareness Week, PM kisan Sammelan, PM Kisan Flagship Programme, Krishi Choupal, VBSY)	14	6 7 4	2 5 4	92 8	223	23	7	30	697	261	958
Swatchta Hi Sewa	94	3 3 4	6 7	40 1	96	8	3	11	342	70	412
MahilaKisan Divas	1	0	4	40	10	1	3	4	1	43	44

			0								
Total		5	1								
		7	3								
		6	8	71							
	981	5	6	51	1723	282	109	391	6047	1495	7542

B. Other Extension activities

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

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
Rice	MTU-1061	134	536000								
Ragi	Arjuna	2.0	14000								
Sunhemp	local	0.4	2800								
Grand Total											

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											
Cauliflower	Megha	3000	7500	2	0	0	0	16	2	18	2
Cabbage	Konark	3200	8000	3	00	00	0	22	3	25	3
Tomato	Arka Rakshyk	12000	30000	2	0	0	0	19	3	21	3
Brinjal	Swarna Shyamali	27300	27300	2	0	0	0	18	1	19	1
Chilli	ArkaTanvi, Arka Saanvi	6500	16250	3	1			9	2	12	3
Others											
Fruits											
Mango											
Guava											
Lime	Kagzi	280	14000	3	1			17	5	20	6
Papaya	Sinta F1, Vinayak,	620	15500	2	0	0	0	19	2	21	2

	Red lady										
Banana											
Drumstick	PKM-1	150	7500	2	0	0	0	25	4	27	4
Ornamental plants											
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Total				19	2	0	0	145	22	163	24

Good quality photographs of planting materials:

Production of Bio-Products

[illegible]

Good quality photographs of bio-products:

Production of livestock materials

[illegible]

	RIR, Kaveri, Ve jaguda, Krouiler	3220									
Backyard poultry			154600								
Japanese Quail											
Turkey											
Emu											
	Khaki Cambell, DK cross		26000								
Ducks		400									
Others (Pl. specify)											
Piggery											
Piglet											
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings											
Spawn											
Others (Pl. specify)											
Grand Total		3780	180600								

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:

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	Category of Seed (F/S, C/S)
Kharif 2023						
Rabi 2021-22						
Summer/Spring 2023						
Kharif 2023						

Rabi 2022-2023						
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iii) Financial Progress

Fund received (2020-21, 2021-22, 2022-23 and 2023-24)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2020-21				
2021-22				
2022-23				
2023-24				

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

3.6.

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter	Rushikulya		2	
Popular Articles			5	
Book Chapter				
Extension Pamphlets/ literature			3	
Technical reports			18	
Electronic Publication (CD/DVD etc.)			1	
TOTAL				

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.	Capacity building	Training-cum-exposure visit programme for master trainers on natural farming	Dr.. Santosh Kumar Samanatory, Scientist(Agril. Extension)	18.03.2024 to 22.03.2024 (5 days)	EEI, Anand, Gujarat

2.	Capacity building	Refresher training for scientist & SMS		27.03.2024 to 28.03.2024 (2 days)	DEE, OUAT
3.	Capacity building	Exposure visit & Training	Mrs.Anita Patro, Scientist(Home Science)	27.03.2024 to 28.03.2024 (2 days)	NIMPIT KVK, West Bengal
4.	Capacity building	Exposure visit & Training	Mrs Sushree Sibanee Sardar, Farm Manager	22.03.2024 to 23.03.2024 (2 days)	IGKV, Raipur
5.	Capacity building	Refresher training on Big Data analysis	Sri Sitikantha Mishra, PA(Computer)	16.03.2024 to 17.03.2024 (2 days)	DEE, OUAT
6	Capacity building	Refresher training on Livestock husbandry – a promising avenue for livelihood enhancement	Dr.Siddharth Ranabijuli, Scientist(Animal Science)	06.11.2024 to 08.11.2024 (3 days)	DEE, OUAT
7	Capacity building	Supply chain management for profitability in Agri & allied sector	Dr.. Santosh Kumar Samanatory, Scientist(Agril. Extension)	17.12.2024 to 21.12.2024 (5 days)	EEI, Hyderabad

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	Muna Pradhan
Address	Vill. Ekagharia, Po-Alsuguma, Jagannathprasad
Contact details (Phone, mobile, email Id)	9937249484
Landholding (in ha.)	4.5acre
Name and description of the farm/ enterprise	He has taken up the enterprise on Vegetable, Mushroom, Poultry, Dairy, Paddy. His Annual Income from Agriculture and allied sector is Rs.650000/- . he has good linkage with Dept. of Hort. And Agril., KVK, Veterinary deptts.
Economic impact	His Average monthly income increases from 35700/--55000/-
Social impact	Now he is a role model of other rural youth
Environmental impact	Eco-friendly technologies
Horizontal/ Vertical spread	84 farmers and generated 2 employments
Good quality photographs (2-3)	

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

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

Sl. No	Name of the Equipment	Qty.
1	MridaParikshyaka	02

- 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			
112		112	565	13	

- 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	Seminar, Farmer scientist interaction	154	1	CDAO, DDA, DDH, Ganjam	112	112

- 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

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
18.06.2024	Prof. H,K Patro, DEAN, CA, OUAT	Representative of OUAT in the 17 th PM Kisan Programme
08.11.2024	Chief District Agriculture Officer & DPD ATMA, Ganjam-I	Visit KVK farm
18.11.2024	Mr.Deepak Ku Nag,Senior Programme Associate & Mr. manas Ku Mishra, Consultant, WFP	World Food Project meeting

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)
Demonstration of ragi variety Arjuna	24	95	19856	64821
Post harvest management in fruits & vegetable	48	77	58645	84562
Brooding management	69	78	9800	25500
Perennial fodder cultivation	67	38	9700	16500
Azolla cultivation	28	63	4400	6100
Vermicomposting	22	86	10300	55300
Weed management in DSR	11	92	29866	50355
Buck exchange/ management, pregnant, doe and kid management	32	86	35300	38500
Nutritional garden	144	87	300	600
Mushroom cultivation	55	73	65400	87400
Post harvest management in fruits & vegetable	41	76	57400	79600
Drudgery reduction	34	68	76300	87600
Value addition of cereal, millets, fruits and vegetables	126	67	58700	84700

IPM in maize	28	66	20400	25500
IPM in Ragi	25	63	5300	8700
IDM in Rice	29	54	15400	18700
IPM in Rice	26	70	15300	18500
IPM in mango	27	54	20300	26600
Bio-control management in brinjal pest	29	51	30400	40500
Cultivation practices of paddy straw mushroom	28	66	55200	65700
Value addition of Ragi	29	55	23200	34600
Mushroom spawn production	19	58	84200	97700
Cultivation practices of different varieties Oyster mushroom	32	76	52200	62700

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
Demonstration of HYV of ragi- Arjuna	730ha
Demonstration of weed management in rice	6200 ha
Demonstration of tembotrione in maize	920 ha
Brinjal Wilt complex management	3200ha.
Mineral mixture feeding to cattle	7500 cattle
Sesamum capsule borer management	2200 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)	

4.3. 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

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
Pulse Research Station, Berhampur	- Provides the breeder and foundation seeds of the new varieties of the major crops of this district for multiplication and distribution to the farmers of this area. - Provides all possible technical guidance and helps in solving the problems related to pest and diseases of the crops of the area - Research results are being communicated to us for transfer of the same to the farming community. Feed back collected from farmers on performance of research results are supplied to the RRS regularly for refinement.
State Department of Agriculture, Berhampur	- Selected trainees and extension personnel were trained in KVK on various subjects. - Facilitation of visits for adopted farmers to KVK field units. - Collaborative demonstrations were taken up.

	• Collaborative extension activities like field days, exhibitions and seminars were conducted. BGREI monitoring
State Department of Horticulture, Bhanjanagar	• Provided seedlings of different horticultural crops to LLP, SC/ST beneficiaries. • Collaborative trainings, field days, demonstrations have been conducted. ○ Training of rural youth on grafting and raising vegetable nursery were conducted at their horticultural units.
State Department of Animal Husbandry and Veterinary Science	• Deputed specialist veterinary doctors to deliver guest lecturers. • Supply of poultry birds. ○ Collaborative programmes like health, infertility of dairy animals, exhibition, field days and demonstrations
Orissa State Seed Corporation, Berhampur	• Organising training programmes for resource rich and progressive farmers as well as extension workers for undertaking seed production programme. • Exchange of seeds for better quality crop husbandry. ○ Development of seed village under seed village scheme
State Department of Fisheries	• Joint diagnostic survey, conducting training programmes and demonstrations. ○ Training to Block level officers.
ATMA	• Developing SREP plan • Reviewing Block Action Plan & guidance. • Training to FAC & BTT members. • Conducting strategic research. ○ Conducting Farmer Participatory Research.
NRRI, Cuttack	○ Hyv, stress tolerant var. of Paddy
CTCRI, Regional Centre, Bhubaneswar	○ Planting materials of tuber crops
CARI, Regional centre, Bhubaneswar	○ Supply of Banaraja poultry bird and Khaki Campbell ducklings
NABARD	○ Technical support to Farmers club .
CPDO	○ Supply of quality chicks
CTMRT	○ Supply of quality spawn, Mother spawn etc.
CIWA	○ Technical guidance for gender development
CHES	○ Hyv, stress tolerant var. of vegetable, technical guidance

5.2. List of special programmes undertaken during 2024 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/bre ed	Produce	Qty.	Cost of inputs	Gross income	
1.									
	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	
Rice	14.07.2024	22.12.2024	5.0	MTU- 1061	Seed	114.0	484000	536000	
Ragi	06.07.2024	25.10.2024	2.0	Arjuna	Seed	2.0	9500	14000	

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.					

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.	Poultry	RIR, Kaveri, Vejaguda, Krouiler	Chicks	3220	121519	180600	Profit – Rs.59081
2.	Duck	Khaki Cambell, DK cross	ducklings	400			

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. of staff quarters:

Date of completion:

Occupancy details:

Months	Q I	Q II	Q III	Q IV	Q V	Q VI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
KVK	State Bank of India	Bhanjanagar	11349671187
KVK (RF)	State Bank of India	Bhanjanagar	30421978750

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

Item	Released by ICAR		Expenditure		Unspent balance as on – 31 st Mar,2025
	Kharif	Rabi	Kharif	Rabi	
CFLD Oilseed (Sesame)	517500		515315		2185

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2013
	Kharif	Rabi	Kharif	Rabi	

2019.5. Utilization of KVK funds during the year 2024-25 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances	150000	150000	150000
3				
A	Rec. Cont. (OE/ POL Trg FLD, OFT)	850000	850000	850000
B	SCSP	1000000	1000000	1000000
C	Library	10000	10000	10000
D	HRD	30000	30000	0
E				

<i>F</i>				
<i>G</i>				
<i>H</i>				
<i>I</i>				
<i>J</i>	Swachhta Expenditure	30800	30800	30800
TOTAL (A)		1020800	1020800	990800
B. Non-Recurring Contingencies				
1				
2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		1020800	1020800	990800

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)
2020-21	13720	1194978	1092679	116019
2021-22	116019	516914	375638	257295
2022-23	257295	650364	502777	404882
2023-24	404882	628422	696959	336345
2024-25	336345	748656	860290	224711

7.6. (i) Number of SHGs formed by KVKs

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

(iii) Details of marketing channels created for the SHGs

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

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)

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity	Number of animals	Preventive measures
---------------------	------------------	------------------	----------------------------	-------------------	---------------------

			rate (%)	vaccinated	taken in pond (in ha)

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. mKisan Portal (National Farmers' Portal/ SMS Portal)

Type of message	No. of messages	No. of farmers covered
Crop	40	52432
Livestock	13	
Fishery	7	
Weather	9	
Marketing	3	
Awareness	5	
Training information	2	
Other		
Total	76	52432

9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	560
2.	No. of farmers registered in the portal	52432
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 Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
10.01.2024, 12.01.2024, 26.01.2024, 02.02.2024, 13.02.2024, 16.02.2024, 07.03.2024, 09.04.2024, 24.04.2024, 15.04.2024, 21.05.2024, 29.05.2024,	Swachha SEVA Diwas at office administrative building, demonstration unit, training hall, farmer's hostel, Awareness campaign, Meeting, Road show &

20.06.2024, 18.07.2024, 15.08.2024, 21.08.2024,
29.08.2024, 17.09.2024, 24.09.2024, 30.09.2024,
01.10.2024, 02.10.2024, 24.10.2024, 26.10.2024,
30.10.2024, 14.11.2024, 21.11.2024, 11.12.2024,
27.12.2024, 30.12.2024

interaction

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office		
2. Basic maintenance		
3. Sanitation and SBM	18	10700
4. Cleaning and beautification of surrounding areas	21	6200
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	04	3300
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	09	4700
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner	16	4500
11. Foster healthy competition		
12. Involvement of print and electronic media	05	1400
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	05	
14. No of Staff members involved in the activities	16	
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total	94	30800

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

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 Darsan (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		
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 Darshan (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		

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)

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	Meeting, awareness campaign	3	40	-	-
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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

9.13. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.			
2.			
3.			

9.14. Resource Generation:

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

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
April, 2021	IMD	Working

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	Ganjam-I	Varietal substituiti - Rice	6	92	Drought tolerant variety sahabhagi dhan& Swarna Shreya, Green manuring, Bond planting of pigeon pea
		NRM	8	68	Raising of farm bund ht. by 10 inch, check dam, farm pond renovation, Ridge & furrow method

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

a) Year:

b) Introduction / General Information:

	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

a. Achievements of physical output under TSP during 2024

Progress of DAPST for the year 2024 (Jan. to Dec., 2024)

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 (upto Rs 2000)	No.				
	5.13	Medium Equipment's/ machinery (upto Rs 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 amendments (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-entrepreneurship	No.				
	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 2024-25 (Rs. In lakh):

12. Details of DAPSC/ SCSP

a. Achievements of physical output under SCSP during 2024

Progress of DAPSC for the year 2024 (Jan. to Dec., 2024)

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.	28	28	700	700
	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.	12	12	120	120
4	Awareness camps, exposure visits etc.		No.				
5	Input Distribution						
	5.1	Seeds (Field Crops)	Tonnes	1	1	50	50
	5.2	Seeds (High Value Crops, spices etc.)	kg	0.06	0.06	15	15
	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	200	200	10	10
	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.	8000	8000	5	5
	5.12	Small equipment's (upto Rs 2000)	No.				
	5.13	Medium Equipment's/ machinery (upto Rs 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	No.				

		farm/ hatchery					
	5.17	Land development/ Reclamation / Conservation	hectares				
	5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes				
	5.19	Micro nutrients	tonnes	0.02	0.02	20	20
	5.2	FYM/ Vermicompost	tonnes				
	5.21	Soil amendments (Gypsum, lime etc.)	tonnes				
	5.22	Plant protection chemicals	kg	3	3	15	15
	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.	2	2	46	46
	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-entrepreneurship	No.				
	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.	4	4	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 2024-25 (Rs. In lakh):

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

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	
Green manuring (Dhaincha) in rice-SwarnaShreya	1	50	20	5	4			2	1	3	1	5	Moisture conservation & acidic soil reclamation
Direct sowing of Rice	1	22	10	6	2			1	4	1	6	2	To cope up with dry spell
Raising of farm bund height	1	37	4	4	3			2	8	2	1	3	Increasing water use efficiency
Poly mulching in Tomato, Brinjal	1	10	0.5	2	1			5	2	7	3	1	Moisture conservation
Ridge & furrow practices in Maize, Cowpea	1	15	05	4	2			7	2	1	4	1	Moisture conservation

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	
Short duration paddy (var. Beena dhan-11) with bond planting of Pigeonpea	08	5	3			1 8	8	2 3	1 1	3 4	Dry spell
Drought tolerant paddy (var. –Swarna Shreya)	05	3	1			8	4	1 1	4	1 5	Dry spell
Flood tolerant Rice var.- Swarna sub1	10	7	4			1 3	4	2 0	8	2 8	Water logging
Rice-Greengram (MTU-1224-&Virat)	20	1 8	1 1			1 5	9	3 3	2 0	5 3	YMV tolerant
DSR	05	3	2			1 2	5	1 5	7	2 2	Water saving
Crop diversification from Rice to Maize in upland in Kharif season	04	3	2			7	4	1 0	6	1 6	Contingent crop
Crop diversification from Maize to Sweet corn in Rabi season	03	5	2			9	4	1 4	6	2 0	Cash crop
Wilt tolerant Tomato var. Arka rakshyak	0.6	2	1			5	2	7	3	1 0	Stress tolerant
YMV & heat tolerant Greengram var. IPM 02-14	10	6	3			1 3	5	1 9	8	2 7	Stress tolerant
HYV Blackgram-PU-31	08	6	2			1 3	5	1 9	7	2 6	Stress tolerant

Livestock and fisheries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted								Remarks	
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
Hybrid napier C0-4	26	07	2.1	3	1			4	2	7	3	10	Feed for lean period
Vaccination camp against FMD& other disease Cattle	64	34		14	5			38	6	52	11	63	Immunity
Mineral mixture	20	10											Milk production
Poultry-Kadakhnath	400	20		4	2			11	3	15	52	0	Resilient breed

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	

Capacity building

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

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

Technology (ies) popularized/ scaled up during the year

- a)
b)
c)

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	OUAT farmers fair	Sri Muna Pradhan	2024	OUAT	-	Vegetable, Mushroom, Poultry, Dairy, Paddy

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
1	Rice, vegetable, Mushroom, Honey bee, Pisciculture, Goatery, Poultry	0.5	40q, 288kg (Mushroom) 180kg (live stock),	78000	162600	68	26

18. 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)
18.06.2024	Sj. Gokulananda Mallick,	F&ARD, MS &	1. Emphasis on doubling farmers

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
	Hon'ble Minister	ME, Govt Odisha	income. 2. Focus on strengthening the livestock production & management

19. a) Information on ASCI Skill Development Training Programme, if undertaken during 2024

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 2024

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		

20. 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

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

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants

22. Good quality action photographs of overall achievements of KVK during the year (best 10)
Attached separately in jpg.

Sd/-
Senior Scientist & Head
KVK, Ganjam-I
