

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
Krishi Vigyan Kendra, Bhadrak Ranital, Odisha-756111	06784- 265825		kvkbhadrak.ouat@gmail.com kvk.bhadrak@ouat.nic.in kvkbhadrak.od@gov.in kvk.Bhadrak@icar.gov.in

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

Address	Telephone		E mail
	Office	FAX	
Registrar, O.U.A.T, Bhubaneswar, Odisha-751003	0674-2397970/ 2397818 / 2397719/ 2397669 / 2397719 / 2397919 / 2397868	0674-2397780	registrar.ouat@nic.in vc@ouat.nic.in / vc.ouat@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Sanjay Kumar Mohanty	Bhadrak	8114858376	kvk.bhadrak@ouat.nic.in

1.4. Year of sanction of KVK:2004

1.5. Staff Position (as on 1st January, 2025)

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.Sanjay Kumar Mohanty	Sr. Scientist & Head	PP	APL-12, ₹ 98,200	05.07.23	Permanent	Others
2	Subject Matter Specialist	Dr. Biswa Ranjan Samantaray	Scientist	Fishery Sc	APL-10, ₹ 98200,500	04.06.21	Permanent	Others
3	Subject Matter Specialist	Dr. Bijaylaxmi Mohanta	Scientist	Agriul.Engg.	APL-10, ₹ 87,200	26.09.24	Permanent	Others
4	Subject Matter Specialist	Dr. Jyotshnarani Maharana	Scientist	Horticulture	APL-10, ₹ 98,200	04.06.21	Permanent	Others
5	Subject Matter Specialist	Dr. Bijayalaxmi Rout	Scientist	Home Science	APL-10, ₹ 87,200	04.06.21	Permanent	Others
6	Subject Matter Specialist	Vacant						
7	Programme Assistant	Sri Gayadhar Shial	Programme Assistant(Forestry)	Agroforestry	L-9, ₹ 60,400	01.10.12	Permanent	SC
8	Computer Programmer	Sri Shubhendu Ku Jena	Programme Assistant(Computer)	Computer Science	L-9, ₹ 50,500	12.08.16	Permanent	OBC
9	Farm Manager	Sri Mantu Choudhury	Farm Manager	Entomology	L-9, ₹ 42,300	04.02.19	Permanent	Others
10	Accountant / Superintendent	Vacant						
11	Stenographer	Sri Susanta Ku. Singh	Jr. Steno cum Computer Operator	Stenography	L-7, ₹ 43,500	04.06.21	Permanent	OBC
12	Driver	Sri Sanjay Kumar Panda	Driver cum Mechanic	-	L-5, ₹ 31,100	26.07.22	Permanent	Others
13.	Driver	Sri Sradhansu Sekhar Pattnaik	Driver cum Mechanic	-	L-5, ₹ 29,300	18.06.12	Permanent	Others
14.	Supporting staff	Sri Harihara Nayak	Supporting staff	-	L-1, ₹ 26,600	17.07.13	Permanent	Others
15.	Supporting staff							

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.0
2.	Under Demonstration Units, IFS unit, farm ponds	3.5
3.	Under Crops	12.0
4.	Others with details (farm roads, lowlying undulated lands)	4.9
	Total	21.4

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					✓			
2.	Farmers Hostel					✓	280	Used	RKVY
3.	Staff Quarters	✓							
4.	Piggery unit	✓							
5	Fencing	✓							
6	Rain Water harvesting structure	✓							

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

B)

7	Threshing floor					✓		Under use	RKVY
8	Farm godown					✓		Used	Seed Hub project
9.	Dairy unit	✓							
10.	Poultry unit	✓							
11.	Goatery unit	✓							
12.	Mushroom Lab					✓		Under use	RKVY
13.	Mushroom production unit	✓							
14.	Shade house							Used	RKVY
15.	Soil test Lab					✓		Used	ICAR
16	Seed processing plant					✓		Used	Seed Hub

Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Mahindra Bolero	2023	9,00,000.00	0	
Motor cycle	2009	54000		Requiring frequent repair

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Soil & water testing equipment			Very old equipment not functioning properly. Lab	ICAR

			needs renovation	
Mushroom lab equipment			Laminar air flow and autoclave are requiring frequent repair	RKVY
b. Farm machinery				
Rotavator	2017	86000	Working	Seed Hub
Scraper / leveler	2017	35000	Working	Seed Hub
Pulse thresher	2017	78000	Working	Seed Hub
MB plough	2017	23000	Working	Seed Hub
Tractor with its accessories	2019	700000	Working	ICAR
c. AV Aids				
Laptop	2017-18	41950	Working	ICAR
Desktop	2017-18	39500	Working	ICAR
Laptop	2016-17	38000	Working	ICAR
Generator	2003-04		Not working	ICAR
LCD projector	2015-16	53000	Not working	ICAR
Handy Cam Sony	2011	20000	Working	ICAR
Camera, SLR	2016-17	36000	Working	ICAR
Desktop	2021-22	39500	Working	ICAR-Award money
Desktop	2021-22	39500	Working	ICAR-Award money
Camera Stand	2022-23	3500	Working	ICAR
Microphone(Omnidirectional)	2022-23	23998	Working	ICAR
LED TV	2022-23	28869	Working	ICAR
Webcam	2022-23	8100	Working	ICAR
Laptop	2022-23	35088	Working	ICAR-CSISA
Head phone	2022-23	1412	Working	ICAR-CSISA
ACs	2024-25	247435	Working	ICAR
Conference Table	2024-25	248980	Working	ICAR
Office Table	2024-25	126000	Working	ICAR
Luminous Inverter 4KVA	2024-25	35991	Working	ICAR

Luminous Inverter Battery	2024-25	75260	Working	ICAR
Computer Table	2024-25	8100	Working	ICAR
LED TV	2024-25	58600	Working	ICAR
Chair	2024-25	85150	Working	ICAR
Chair	2024-25	72000	Working	ICAR
Power tiller	2024-25	224885	Working	ICAR
Brush Cutter	2024-25	22979	Working	NICRA
Pump Set	2024-25	29400	Working	NICRA
Power Sprayer	2024-25	21010	Working	NICRA
Multicrop Thresher –Cum-Winner	2024-25	60000	Working	NICRA
Paddy thresher cum winner	2024-25	30000	Working	NICRA
Sprinker Set	2024-25	29800	Working	NICRA
Wet Stone Grinder	2024-25	16926	Working	NICRA

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Rotavator	2018	86000	Working	Seed Hub
Scraper / leveler	2018	35000	Working	Seed Hub
Pulse thresher	2018	78000	Working	Seed Hub
MB plough	2018	23000	Working	Seed Hub
Paddy Reaper (Self Propelled)	2022-23	150000	Working	ICAR-NICRA

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.	09.01. 2024	40	1. Popularisation of DSR to reduce cost of cultivation in the context of climate change. 2. Enhance Pulse Production through latest varieties and improved technologies. 3. Promote 3 tier system Agroforestry model in the district 4. Promote Pond based IFS for increasing income of farmers 5. Promotion of Bio-fortified rice variety and screening of other suitable varieties in the district. 6. Trial should be taken to address for saline affected areas of the district 7. Promotion of Natural farming should be advocated		

			8. Emphasis should be given for value addition and processing of Mushroom 9. Prevention of Argulosis and promotion of fresh water prawn in pisciculture Promote Mango, Coconut plantation and floriculture in the district		
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** 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	Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice-blackgram/greengram/mustard/sunflower/vegetable/sugarcane Pisciculture, Dairy, Poultry, Mushroom	1	Major Farming system/enterprise	
2	Agro-climatic Zone	North Eastern Coastal Plain Zone	2	Agro-climatic Zone	

3	Agro ecological situation	3 AES in the district - Alluvial Canal Irrigated - Low lying Flood prone - Saline soil group	3	Agro ecological situation																									
4	Soil type	Alluvial soil: 83209 ha, Saline soil: 20200ha, Sandy soil: 19146 ha	4	Soil type																									
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others(q/ha)	<table><tr><td>Crop</td><td>Productivity, q/ha</td><td>Crop</td><td>Productivity, q/ha</td></tr><tr><td>Rice</td><td>42-45</td><td>Groundnut</td><td>20.8</td></tr><tr><td>Greengram</td><td>5.9</td><td>Vegetables</td><td>135</td></tr><tr><td>Blackgram</td><td>6.0</td><td>Sugarcane</td><td>860</td></tr><tr><td>Mustard</td><td>6.1</td><td>Chilli</td><td>6.0</td></tr><tr><td>Sunflower</td><td>12.0</td><td></td><td></td></tr></table>	Crop	Productivity, q/ha	Crop	Productivity, q/ha	Rice	42-45	Groundnut	20.8	Greengram	5.9	Vegetables	135	Blackgram	6.0	Sugarcane	860	Mustard	6.1	Chilli	6.0	Sunflower	12.0			5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	
Crop	Productivity, q/ha	Crop	Productivity, q/ha																										
Rice	42-45	Groundnut	20.8																										
Greengram	5.9	Vegetables	135																										
Blackgram	6.0	Sugarcane	860																										
Mustard	6.1	Chilli	6.0																										
Sunflower	12.0																												
6	Mean yearly temperature, rainfall, humidity of the district	1427 mm, Mean Max temp-32.4 and min temp-21.5	6	Mean yearly temperature, rainfall, humidity of the district																									
7	Production of major livestock products like milk, egg, meat etc.	Milk:48.2 MT/year Egg: 21.65 million/year Meat:4.38 MT/year	7	Production of major livestock products like milk, egg, meat etc.																									

Note: Please give recent data only

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	Rajendrapur	Bhandaripokhari	Thaila	Rice fallow Dairy Poultry Fish	Low yield from DSR due to broadcast sowing, pest incidence, injudicious nutrient management Yield loss due to BPH in rice Fish production from smaller ponds leading to low profit Low milk yield and high cost of feed in dairy Slow growth rate of desi poultry bird Opportunity for intensification small ponds with fruits and vegetables	Rice fallow intensification ICM in DSR BPH management Nursery raising of carp spawns in small ponds Feed management in cows Backyard poultry for income generation
2	Adia	Bonth	Kuanrda	Rice fallow Dairy Poultry Fish+fruits/v egetable	Yield loss due to BPH in rice Rice fallow High incidence of pests in rice Smaller pond size leading to non-lucrative fish farming High cost of production of Milk	BPH management Intensification of rice fallows Varietal evaluation in vegetable crops Remunerative pisciculture in small ponds Cost effective feed management in cows Strengthening livelihood support through poultry and duckery

					Poor growth potential of Desi poultry bird	
3	Radha ballav pur	Dhamnagar	Solagaon	Rice fallow Rice-blackgram paira Dairy Poultry	Yield loss due to BPH in rice No fertilizer management of blackgram paira crop resulting low yield High cost of milk production High incidence of diseases like FMD and Mastitis Low growth rate of desi poultry bird	BPH management Nutrient management in paira cropping Feed management of cows Disease management in livestock Strengthening backyard poultry Mushroom and duckery for income generation
4	Bodak	Tihidi	Orali	Rice fallow Rice-blackgram paira Dairy Poultry	No fertilizer management of blackgram paira crop resulting low yield High cost of milk production High incidence of diseases like FMD and Mastitis Slow growth rate of desi poultry bird Opportunity for mushroom production	Nutrient management in paira cropping Feed management of cows Disease management in livestock Strengthening backyard poultry Duckery for income generation
5	Mousudha	Chandbali	Junuda	Rice fallow Dairy Poultry	Low yield from local rice varieties High incidence of insect and diseases in rice High cost of milk production High incidence of diseases like FMD and Mastitis Poor growth potential of desi poultry bird	Varietal evaluation for salt affected ecology Paira cropping in fallows Fodder production for feed management of cows Backyard poultry variety Mushroom cultivation for income generation

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
Thaila	Bhandaripokhari	ICM of mechanized direct seeded rice with STBFR High valued horticultural crops on dykes of backyard small ponds Blackgram as paira for intensification of rice fallows Nursery raising of carp spawns to frys in small backyard tanks Vermicompost production using locally available resources Fodder and azolla production for feed management of cow Multidisciplinary trainings Animal Health Camp and Awareness camp on Soil sample collection and testing Seed treatment campaign
Kuanrda	Bonth	ICM of mechanized direct seeded rice with STBFR Mechanical transplanted rice demonstration Nutrient management in rice blackgrampaira cropping Fodder and azolla production for feeding management of cattle Rainbow rooster in backyard system Multidisciplinary trainings
Solagaon	Dhamnagar	ICM of mechanized direct seeded rice with STBFR High valued horticultural crops on dykes of backyard small ponds Nutrient management in rice-blackgrampaira Nursery raising of carp spawns to frys in small backyard tanks Vermicompost production using locally available resources Fodder and azolla production for feed management of cow Multidisciplinary trainings Animal Health Camp
Orali	Tihidi	ICM of mechanized direct seeded rice with STBFR Nutrient management in rice blackgrampaira cropping Fodder and azolla production for feeding management of cattle Rainbow rooster in backyard system Multidisciplinary trainings
Junuda	Chandbali	Salt tolerant rice variety Luna Sampad for saline area Blackgram as paira for intensification of rice fallows Fodder and azolla for feeding management of cattle Multidisciplinary trainings

2.1 Priority thrust areas

S. No	Thrust area
1.	Biotic and abiotic stress management in rice with special reference to BPH, blast, BLB, salinity, weeds and flood
2.	Nutrient management of pulses and area expansion under rainfed rice-fallow
3.	ICM of sunflower
4.	Promotion of vermicompost and organic farming
5.	Soil health management and management of problematic soil
6.	Organic & Natural farming
7.	Pest management of vegetable crops
8.	Promotion of pond based integrated farming system
9.	Under utilization of community pond
10.	Multiple stocking and multiple harvesting

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
6	6	42	3	4	2	0	21	12	6	1	4	10	10	140	6	2	3	4	4	7	3	6	1

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		
3	3	2	8	0	1	25	14	27	23	50	2	2	40	0	3	0	0	0	37	0	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
42	42	928	47	39	6	2	231	205	20	20	53	11	11	232	2	5	1	0	72	40	25	45	70

Seed production (q)					Planting material (in Lakh)				
Target					Target				
Achievement					Achievement				
480					514				

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

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* 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	2		2	5.3	5		
Seminar/conference/ symposia papers	3						
Books							
Bulletins							
News letter							
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature							
Technical reports							
Electronic Publication (CD/DVD etc)							
TOTAL							

3.1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On Farm Trial	Assessment of panama wilt in Banana
2.	Problem diagnosed	low yield due to high infestation of Panama wilt in Banana

3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	(TO-I): Planting of disease free suckers, +apply lime @ 40gm/pit + 250gm neem cake/pit + 500gm vermi compost + soil drenching of 0.2 % carbendazim 50 WP soluation at 2nd, 4th and 6th months after planting + stem injection of carbendazim 50 WP@ 2-3ml/plant (20gm/lit solution) at 3rd, 5th and 7th month after planting (TO-II): Planting of disease free suckers, +apply lime @ 40gm/pit + 250gm neem cake/pit + 500gm vermi compost + soil drenching of 0.1 %(Trifloxystrobin 25 WP + Tebuconazole 50 WP) soluation at 2nd, 4 th and 6th months after planting + stem injection of (Trifloxystrobin 25 WP + Tebuconazole 50 WP) 2-3ml/plant (1gm/lit solution) at 3rd, 5th and 7th month after planting
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO I: AICRP on fruit, OUAT,2019, TO II: NRCB,Tamilnadu, 2018
5.	Production system and thematic area	Banana & IDM
6.	Performance of the Technology with performance indicators	TO II performed superior over TO I
7.	Final recommendation for micro level situation	Planting of disease free suckers, +apply lime @ 40gm/pit + 250gm neem cake/pit + 500gm vermi compost + soil drenching of 0.1 %(Trifloxystrobin 25 WP + Tebuconazole 50 WP) soluation at 2nd, 4 th and 6th months after planting + stem injection of (Trifloxystrobin 25 WP + Tebuconazole 50 WP) 2-3ml/plant (1gm/lit solution) at 3rd, 5th and 7th month after planting
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition:

Technology assessed:

Table:

Treatments	Wilt (%)	Yield (q/ha)	Increase in yield (%)	Net Income (Rs/ha)	ICBR
FP	35.4	288	-	211900	-
TO ₁	25.6	312	8.33	247079	1.49
TO ₂	15.8	323	12.15	267533	1.61

Results:

Good quality photographs of different treatments:



OFT-2

1.	Title of On Farm Trial	Assessment of integrated pest management practices of spiraling whitefly in Coconut
2.	Problem diagnosed	low yield due to high infestation of spiraling whitefly in Coconut
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO₁: Wrapping of yellow sticky polythene around the trunk at 1.5m above the ground level+spraying of 1% starch solution+alternatespraying of neem oil 300ppm@5ml/L of water & spiromesifen 240SC@1ml/L of water at 15 days interval TO₂: Installation of light traps@2/acre during night hours (7pm to 11pm)+installation of yellow sticky trap 6ft. From ground level+spraying of maida flour 250g/10L of water on sooty mould+forcible water spray on under surface of leaves to remove egges, nymphs, pupae & adult flies+alternate sprayning of neem oil 300ppm@5ml/L of water @ Diafenthuron 50WP@200g/acre
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO I: CPCRI, Kerala TO II: TNAU
5.	Production system and thematic area	Banana & IDM
6.	Performance of the Technology with performance indicators	TO II performed superior over TO I
7.	Final recommendation for micro level situation	Installation of light traps@2/acre during night hours (7pm to 11pm)+installation of yellow sticky trap 6ft. From ground level+spraying of maida flour 250g/10L of water on sooty mould+forcible water spray on under surface of leaves to remove egges, nymphs, pupae & adult flies+alternate sprayning of neem oil 300ppm@5ml/L of water @ Diafenthuron 50WP@200g/acre

8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition:

Technology assessed:

Table:

Treatments	% reduction in Nut yield	Nut Yield (Nos./ha)	Increase in yield (%)	Net Income (Rs/ha)	ICBR
FP	34.2	5922	-	48,412	-
TO ₁	23.8	6858	15.8	56,600	1.82
TO ₂	21.4	7074	19.4	60,650	1.94

Results:

Good quality photographs of different treatments:



OFT-3

1.	Title of On farm Trial	Assessment of different shapes of beds for cultivation of paddy straw mushroom (<i>Volvariella Volvacea</i>) for yield enhancement using crumpled straw.		
2.	Problem diagnosed	Unavailability of unthreshed paddy straw		
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Using 10kg bundled paddy straw ,soaking of straw in water for 10 hrs in 2% CaCO₃ and 2% dry substrate TO1: Circular compact bed size (45 cm diameter,45 cm height). For Mushroom production by using crumpled paddy straw 10kg,soaking of straw in water for 5 hours in 2% CaCO₃,15-20 days of mushroom spawn at 2% of dry substrates TO2: Rectangular compact bed size (45 cm diameter,45 cm height). For Mushroom production by using crumpled paddy straw 10kg,soaking of straw in water for 5 hours in 2% CaCO₃,15-20 days of mushroom spawn at 2% of dry substrates		
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CTMRT, OUAT, Bhubaneswar, Odisha, 2010		

5.	Production system and thematic area	Mushroom production & Income generation		
6.	Performance of the Technology with performance indicators	Pin head appearance. Yield / bed, days of first flush, average body weight and biological efficiency.		
7.	Final recommendation for micro level situation	Weast straw gives more income		
8.	Constraints identified and feedback for research	Mechanization creates unavailability of bundled straw		
9.	Process of farmers participation and their reaction	Proper utilization of thresed straw gives better income		

Thematic area: Income generation

Problem definition: Unavailability of unthreshed paddy straw

Technology assessed:

TO1: Circular compact bed size (45 cm diameter,45 cm height). For Mushroom production by using crumpled paddy straw 10kg,soaking of straw in water for 5 hours in 2% CaCO₃,15-20 days of mushroom spawn at 2% of dry substrates

TO 2 Rectangular compact bed size (45 cm diameter,45 cm height). For Mushroom production by using crumpled paddy straw 10kg,soaking of straw in water for 5 hours in 2% CaCO₃,15-20 days of mushroom spawn at 2% of dry substrates

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Table:

Technology option	No. of trials	Yield component		Cost of cultivation (Rs./bed)	Gross return (Rs./bed)	Net return (Rs./bed)	BC ratio
		Yield/bed	Biological efficiency				
FP	07	0.90kg	13.05	89	162	73	1.82
TO1	07	0.50kg	10.05	58	100	50	1.86
TO2	07	0.70kg	13.02	58	117	59	2.0

Results:

Good quality photographs of different treatments:

OFT-4

1.	Title of On Farm Trial	Assessment of preparation of cleaned sugarcane jaggery
2.	Problem diagnosed	Due to black in 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)	FP: Farmers using chemical clarificants (Calcium hydroxide) for jaggery in excess results in dark colour and poor market value

		TO₁: Vegetable clarificants like 500ml of ladies finger plant extract per 400 liters of cane juice will be used to adjust the pH to obtain better colour of the produce. TO₂: Vegetable clarificants like 500ml of groundnut paste plant extract per 400 liters of cane juice will be used to adjust the pH to obtain better colour of the produce.(Assessed)
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	CFTRY, Mysore, Kanrnatak
5.	Production system and thematic area	Homesteaded
6.	Performance of the Technology with performance indicators	Yield per hacter, cost of cultivation, keeping quality, gross return Net income and B.C. Ratio
7.	Final recommendation for micro level situation	Adding Vegetable clarificants not harmful for health.
8.	Constraints identified and feedback for research	Liquid form and black colour jaggery gives less income.
9.	Process of farmers participation and their reaction	Farmers are accepted easily.

Thematic area: Income generation

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

Technology assessed: TO₁: Vegetable clarificants like 500ml of ladies finger plant extract per 400 liters of cane juice will be used to adjust the pH to obtain better colour of the produce.

TO₂: Vegetable clarificants like 500ml of groundnut paste plant extract per 400 liters of cane juice will be used to adjust the pH to obtain better colour of the produce.(Assessed

Table:

Technology option	Jaggery prepared (0.001ac/q)	Cost of cultivation (Rs./ac)	Gross return (Rs/ac)	Net return (Rs./ac)	BC ratio
FP	2q	6500 (@ Rs. 50/kg)	10000	3500	1.5
TO ₁	2q	9700 (@120/KG)	24,000	14300	2.4
TO ₂	2q	7,500 (@100/KG)	20,000	12500	2.6

OFT-5

1.	Title of On farm Trial	Assessment of suitable vegetables in saline affected areas
2.	Problem diagnosed	Low yield due to Lack of suitable vegetables for saline soils

3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Growing of Tomato TO1: cluster bean var, Pusa Navbahar TO2: Spinach var, PusaAll green TO3: okra hy kashi shrusti
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO1- ICAR CSSRI 2019 TO2- ICAR CSSRI 2019 TO3- krishi icar gov.in portal 2019
5.	Production system and thematic area	rice-veg /veg -veg /pond dykes
6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition:

Technology assessed: Assessment of suitable vegetables in saline affected areas

Table:

Technology option	No. of trials	Yield component			crop equivalent yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		wt of fruits/plant	wt per m2	Yield (q/ha)					
FP: Growing of Tomato	7	328g	1.2kg	121.5	121.5	104741	121500	16740	1.16
TO1: cluster bean var, Pusa	7	32.3g	0.3kg	31.6	47.4	33878	47429	13551	1.40
TO2: Spinach var, PusaAll green	7	33.4g	1.6kg	160.9	160.9	82,405	160928	78524	1.95
TO3: okra PusaBhindi5	7	334.3g	1.2kg	123.8	185.7	126326	185714	59388	1.47
CD		37.72	0.15		22.015				

Results:

Good quality photographs of different treatments:



Please provide all the OFTs in same format

OFT-6

1.	Title of On farm Trial	Assessment of offseason tomato during summer season
2.	Problem diagnosed	Low income from tomato grown during the crop season
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Growing of any available Tomato Hybrid(Rock)

		TO1: Arka Abhed (high yielding F1hybrid , semi determinate, multiple disease resistance fruits are firm , 90-100g),suitable for summer, kharif,rabi 140-150 days,70-75 t/ha TO2: Arka Rakshak (High yielding F1 hybrid with triple disease resistance , fruits 90-100g 75-80t/ha, suitable round the year , suitable for summer, kharif,rabi TO3: Arka Vikas (purelineselection, suitablefor rainfed and 80-90g, having heat tolerance more than 35..C
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO1- iihr.res.in 2023 TO2- iihr.res.in 2023 TO3- iihr.res.in 2023
5.	Production system and thematic area	rice-veg /veg -veg /pond dykes
6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition:

Technology assessed: Assessment of offseason tomato during summer season

Table:

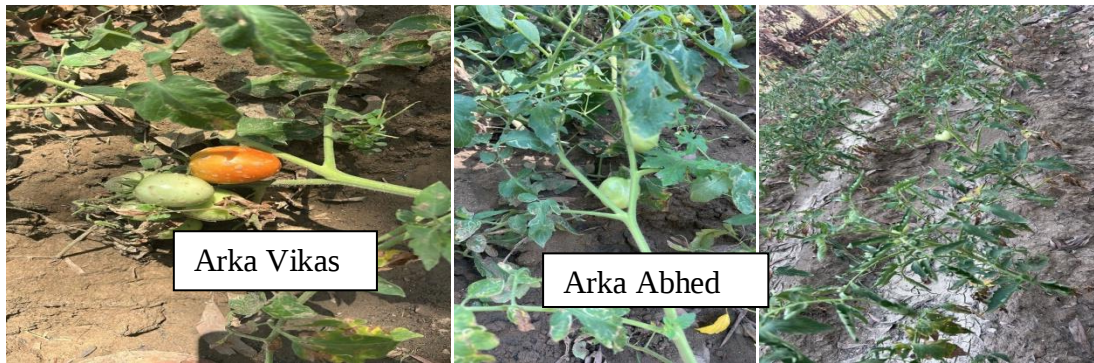
Technology option	No. of trials	Yield component			Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		wt of fruits/plant kg	no of fruits/plant						
FP: Growing of any available Tomato Hybrid(Rock)	7	1.6	52.0		205.6	105000	205555.6	100555.6	2.0

TO1: Arka Abhed	7	1.9	57.5		244.4	105000	244444.4	139444.4	2.3
TO2: Arka Rakshak	7	2.6	61.6		338.0	105000	337963.0	232963.0	3.2
TO3: Arka Vikas	7	2.0	58.9		253.7	105000	253703.7	148703.7	2.4
CD		0.122	3.684		15.677				

Results:

Good quality photographs of different treatments:





Arka
Rakshak

Please provide all the OFTs in same format

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.	Vegetables on pond dyke	IFS	Demonstration on high valued horticulture crops on dykes of farm ponds (farm pond plus) Banana (Gaja bantala)+Papaya (Coorg honey dew)+ Elephant foot yam (Gajendra) + Yam (Odisha elite/Hatikhoj) + (No.of each plant to be planted as per the space availability on pond dykes	0.4	0.4	0				7 3		7 3 10				
2.	yardlong Bean	yield increment	Demonstration on Yardlong Bean (Arka Mangala) for higher yield	0.4	0.4					8 2		8 2 10				

			Lean to type trellis-stake are joined between two adjoining bed forming an A shaped structure .horizontal stakes are installed at the top joining of all other beds. The stakes support the climbing vines. Strings are used to secure adjoining stakes, trellies height 2m						
3.	Water melon	offseason vegetables	Demonstration on off season watermelon cultivation Growing of watermelon during late Rabi with seedling raising in poly bags and transplanting during late Rabi season (Dec, 23) with 200:200:100 kg NPK /ha	0.4	0.4		5 5	5 10	
4.	coconut		Demonstration on integrated crop management in coconut Application of 75kg FYM /palm, 500g N, 320g P ₂ O ₅ , 1200g K ₂ O per palm in two splits, basin management up to 6ft from trunk, in situ green manuring, 100g borax and 100 g magnesium sulphate/palm, basin irrigation 50 L/palm at weekly interval, coconut palm mulching during dry season	0.4	0.4		6 4	6 10	4
5	Mahogany plants	Production technologies	Block plantation of Mahogany seedlings with proper layout and design at a spacing of 3 m x 3 m in underutilized lands	0.1 ha	0.1 ha	-- -- -- - -	04 01	04 01 05	
6	Vermicomposting	Enterprise development	Vermi compost prepared by using decomposition of cow dung and dried neem leaves substrates (2:3)	05 Units	05 Units	-- -- -- - -	04 01	04 01 05	

Details of farming situation

[illegible]

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

[illegible]

Total															
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* 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

Sunflower	IPM	Demonstration of integrated pest management modules in Sunflower	10	1	16.2	12.2	32	Disease incidence (%) - 5.5 Leaf damage by <i>Spodoptera</i> (%) - 8.5 Head damage by <i>Helicoverpa</i> (%) - 5.5	Disease incidence (%) - 13.75 Leaf damage by <i>Spodoptera</i> (%) - 20.5 Head damage by <i>Helicoverpa</i> (%) - 11.5			50,600	2.05			24,100	
Pointed gourd	IPM	Demonstration if IPM modules for management of fruit fly in pointed gourd	10	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-
high value crops on pond dykes	IFS	Demonstration on high valued horticulture crops on dykes of farm ponds (farm pond plus) (code 23FH 016(K/R)) Banana (Gaja bantala)+Papaya (Coorg honey dew)+ Elephant foot yam (Gajendra) + Yam (Odisha elite/Hatikhoj) + (No.of each plant to be planted as per the space availability on pond dyke	10	0.4	304.7	150	103	Income of household 12187	Income of household 6000	135000	304000	169000	2.25	100000	150000	50000	1.5
yardlong bean		Demonstration on Yardlong Bean (Arka Mangala) for higher yield (code 24FH 007(R)) Growing of yard long bean Arka Mangala pole, vigorous, photoinensitive, pods 75cm long, green round, stringless, podyield 25t/ha 25:75:60 kg NPK /ha	10	0.4	111q	79q	40.5	podyield/plant-601g	podyield/plant-391g	181500	277500	96000	1.52	175100	197500	22400	1.12

Paddy straw mushroom	Demonstration of humidity management in paddy straw mushroom production	20	20	650g	520g	550g	11.2 (biological efficiency)	13.4(biological efficiency)	75	200	68	2.1	114	140	39	1.52	
Moringa	Moringa powder preparation, its packaging and branding for income generation of wshgs.	20	2	200kg row leaves (20kg moringa powder)	200kg raw leaves	-	8 months (Keeping quality)	3days (Keeping quality)	8500	17500	8500	2.0	5000	7500	2500	1.5	1.64

Oyster Mushroom	Demonstration on value added products of oyster mushroom	20	5	1.2kg dry mushroom	10 kg raw mushroom	-	6 month (Keeping quality)	3days (Keeping quality)raw	750	1950	1200	2.6	400	800	400	2.0	1.09
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Ragi	Demonstration of preparation of malt Ragi powder	20	2	10kg g ragi and green mung powder(malt powder)	10kg ragi powder	-	4 months	2 months	1700	4900	3200	2.8	1000	1700	700	1.7	1.5
yardlongbean		Demonstration on Yardlong Bean (Arka Mangala) for higher yield (code 24FH 007(R)) Growing of yard long bean Arka Mangala pole, vigorous, photoinensitive, pods75cm long, green round , stringless ,podyield25t/ha 25:75:60 kg NPK /ha	10	0.4	111q	79q	40.5	podyield/plant-601g	podyield/plant-391g	181500	277500	96000	1.52	175100	197500	22400	1.12
	Total																

Livestock

[illegible]

* 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

[illegible]

	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	Demonstration of humidity management in paddy straw mushroom production	20	20	650g	520g	550g	11.2(biological efficiency)	13.4(biological efficiency)	75	200	68	2.1	114	140	39	1.52
Moringa	Moringa powder preparation, its packaging and branding for income generation of wshgs.	20	2	200kg raw leaves (20kg moringa powder)	200kg raw leaves	-	8 months (Keeping quality)	3days (Keeping quality)	8500	17500	8500	2.0	5000	7500	2500	1.5
Oyster Mushroom	Demonstration on value added products of oyster mushroom	20	5	1.2kg dry mushroom	10 kg raw mushroom	-	6 month (Keeping quality)	3days (Keeping quality)raw	750	1950	1200	2.6	400	800	400	2.0
Ragi	Demonstration of preparation of malt Ragi powder	20	2	10kg ragi and green mung powder(malt powder)	10kg ragi powder	-	4 months	2 months	1700	4900	3200	2.8	1000	1700	700	1.7

Paddy straw mushroom	Demonstration of humidity management in paddy straw mushroom production	20	20	650g	520g	550g	11.2(biological efficiency)	13.4(biological efficiency)	75	200	68	2.1	114	140	39	1.52
Moringa	Moringa powder preparation, its packaging and branding for income generation of wshgs.	20	2	200kg row leaves (20kg moringa powder)	200kg raw leaves	-	8 months (Keeping quality)	3days (Keeping quality)	8500	17500	8500	2.0	5000	7500	2500	1.5
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

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									

** BCR= GROSS RETURN/GROSS COST

[illegible]

[illegible]

Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total										

Good quality photographs of FLDs



Figure 2 FLD on Yardlong Bean



Figure 1 FLD on Yardlong Bean



Figure 3 FLD on offseason watermelon



Figure FLD on offseason watermelon



Figure3 FLD on high valued horticultural crop on pond dykes



Figure FLD on high valued horticultural crop on pond dykes



Figure FLD on ICM in Coconut



Figure FLD on ICM in Coconut

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back

Extension and Training activities under FLD

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

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2024 and Rabi 2023-24:

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

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

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)

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

E. Specific Characteristics of Technology and Performance

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

F. Extension activities under FLD conducted:

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

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

H. Farmers' training photographs

I. Farmers' training photographs



J. Quality Action Photographs of field visits/field days and technology demonstrated.

J. Details of budget utilization

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

3.3 Achievements on Training (Including the sponsored and FLD training programmes):

[illegible]

[illegible]

[illegible]

B) Rural Youth (on campus)

[illegible]

[illegible]

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													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	3	51	39	90	0	0	0	0	0	0	51	39	90

[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 small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Biocontrol of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production	5	35	70	105	27	18	45	0	0	0	62	88	150
Apiculture													
Others	1	12	14	26	3	1	4	0	0	0	15	15	30

[illegible][illegible]

F) Extension Personnel (Off Campus)

[illegible]

i. Farmers & Farm Women

[illegible]

[illegible]

[illegible]

[illegible]

ii. RURAL YOUTH (On and Off Campus)

[illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other													
Total													

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
Home Science	F/FW	Nutritional garden for nutritional security of farm families	1	Off	10	10	20	4	6	30
	F/FW	Cultivation practices of paddy Straw mushroom by using loose straw	1	Off	6	11	17	6	7	30
	F/FW	Humidity and temperature management in paddy straw mushroom beds	1	Off	23	2	25	5	0	30
	F/FW	Disease and pest management in paddy straw mushroom	1	Off	3	6	9	16	5	30
	F/FW	Cultivation practices of different varieties of oyster mushroom	1	Off	3	27	30	0	0	30
	F/FW	Preparation of Moringa powder for income egeneration of SHGs.	1	Off	0	22	22	0	8	30
	F/FW	Preparation of Mushroom soup powder for income generation.	1	Off	9	20	29	1	0	30
	F/FW	Preparation of jiggery cube and jiggery powder.	1	Off	0	21	21	0	9	30

	F/FW	Nutritional gardening for nutritional security for farm women	1	Off	15	12	27	1	2	30
	F/FW	Scientific Bee keeping	1	Off	12	14	26	3	1	30
	F/FW	Backyard poultry rearing for livelihood support to farm women	1	Off	0	24	24	0	4	30
	F/FW	Preparation of different value added products in mushroom.	1	Off	0	27	27	0	3	30
	F/FW	Mushroom cultivation and mushroom spawn production.	1	Off	0	24	24	0	6	30
	RY	Skill training on mushroom production and mushroom spawn production.	5	On	20	5	25	1	4	30
	RY	Skill training on mushroom production	3	On	5	9	14	1	5	20
	RY	Skill training on Preparation of different value added products from Ragi.	3	On	9	6	15	3	2	20
	IS	Household food security by nutritional gardening	1	Off	0	20	20	0	0	20
	IS	Income generation activities for empowerment of Rural Women	1	Off	0	17	17	03	6	20

H) Vocational training programmes for Rural Youth

a) Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Mushroom	Income generation	Skill training on mushroom	5	21	9	30	Mushroom spawn production	15	2-3 persons employed	3

Livestock and fisheries														
Dairy farming														
Composite fish culture														
Sheep and goat rearing														
Piggery														
Poultry farming														
Other														
Total														
Income generation activities														
Vermicomposting														
Production of bioagents, biopesticides, biofertilizers etc.														
Repair and maintenance of farm machinery & implements														
Rural Crafts														
Seed production														
Sericulture														
Mushroom cultivation	2	34	14	48	2	0	2	0	0	0	36	14	50	
Nursery, grafting etc.														
Tailoring, stitching, embroidery, dying etc.														
Agril. Para-workers, para-vet training														
Other														
Total														
Agricultural Extension														
Capacity building and group dynamics														
Other														
Total														
Grand Total														

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of participants	Sponsoring Agency
					PF/RV/EF			
1	Integrated pest management in crops	Integrated Pest Management	20/2/ to 01/3/22 025	07	PF	01	15	ATMA, Bhadrak

b) Details of participation

[illegible]

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

[illegible]

Method Demonstrations	4	50	30	80	3	2	5	7	52	35	165
Farmers Seminar											
Workshop	1	45	35	80	2	10	2	12	55	47	102
Group meetings	5	125	72	197	3	6	7	12	131	79	210
Lectures delivered as resource persons	10	140	120	260	3	12	10	152	130	152	282
Advisory Services											
Scientific visit to farmers field	22										
Farmers visit to KVK	1400										
Diagnostic visits											
Exposure visits	1										
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp											
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
Mahila Mandals Conveners meetings											
Celebration of important days (specify)	World Food day	40	10	20	3	2		3	33		43
Sankalp Se Siddhi											
Swatchta Hi Sewa											
Mahila Kisan Divas	1	0	0	50							50
Any Other (Specify)											
Total											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	6
Radio talks	1(22.11.20224)
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
Rice	MTU 1318	155	604500	1					1		1	
	Swarna	38	148200	1					1		1	
Total		193	7,52,700	2					2		2	

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	CR 1009 Sub 1	170.2	663780								
	Kalachampa	59.6	232440								
	MTU 1318	60.8	237120								
	Swarna	30.4	118560								
Toria	Sushree	2	19100								
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	Barkha	6000	9000	150	100	0	0	170	90	320	190
Cabbage	Disha	2000	3000	70	38	14	0	65	35	149	73
Tomato	Samrudhi, Utkal dipti, Arka Abhed. Arka Vikas Arka rakshak Arka samrat	28400	52000	310	220	50	43	425	310	785	573

Good quality photographs of planting materials:

Production of Bio-Products

[illegible]

Bio-fungicide														
Bio-agents														
Others, please specify.														
Total														

Good quality photographs of bio-products:

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Dairy animals											
Cows											
Buffaloes											
Calves											
Others (Pl. specify)											
Small ruminants											
Sheep											
Goat											
Other, please specify											
Poultry											
Broilers											
Layers											
Duals (broiler and layer)											
Japanese Quail											
Turkey											
Emu											
Ducks											
Others (Pl. specify)											
Piggery											
Piglet											
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings											
Spawn											
Others (Pl. specify)											
Grand Total											

Good quality photographs of livestock and fisheries:

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

i) Name of Seed Hub Centre:

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						

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	1. Performance Evaluation of	Mohanta B., Satapathy S., Sahoo		

	Stress Tolerant Rice Variety Swarna Shreya under Front Line Demonstration in Bolangir District, Odisha. International Journal of Environment and Climate Change. Vol.14(9) P 681-686. 2. Study on impact of weather parameters on population dynamics of whorl maggot infestation under staggered planting condition in aromatic varieties of rice. International Journal of Research in Agronomy. Vol.7(9) P 363-366.	J., Sarkar D., Mishra P. J. and Phonglosa A. (2024). Sarkar D., Baliarsingh A., Sahu B.K. and Mohanta B. (2024).		
Seminar/conference/symposia papers	1. Assessment of Stress tolerant rice variety Swarna Shreya. Poster presented in International Conference on Building Small holder climate resilience for achieving sustainable food systems., organized by Odisha University of Agriculture and Technology during 17th September to 19th September 2024.	Mohanta B., Satapathy S., Sahoo J., Sarkar D. & Barik M. (2024).		
Books				
Bulletins				
News letter				
Popular Articles				

Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc.)				
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.	Zonal workshop	Annual zonal workshop of NICRA	Dr JR Maharana, Scientist Horticulture	19-20 .6.2024	ATARI
2.	Farmer scientist interaction, ATMA	Farmer scientist interaction, ATMA	Dr JR Maharana, Scientist Horticulture	27.6.2024	RRTSS, Ranital
3.	sensitization workshop on canopy management of fruit crops	sensitization workshop	Dr JR Maharana, Scientist Horticulture	26. 7.2024	CHES, BBSR
4.	Refresher training	for scientist/SMS/PA in Horticulture on Advances in Fruit production	Dr JR Maharana, Scientist Horticulture	17.12.2024 to 18.12.2024	College of Horticulture Chiplima
5.	international conference on rainfed agriculture Building pathways for Resilience and sustainable Livelihood	international conference on rainfed agriculture Building pathways for Resilience and sustainable Livelihood (online)	Dr JR Maharana, Scientist Horticulture	29 -31.1.2024	ICAR CRIDA
6.					
7.					

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	
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)	

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.

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			

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

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

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)

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

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	

4.6. Any other initiative taken by the KVK

5.1. Functional linkage with different organizations

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)**

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

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

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

[illegible]

6.									
7.									
	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	June, 23	Nov.,2023	2	MTU 1156	F	39.8	5,50,000	144434.2	
Rice	June, 23	Dec., 2023	3	MTU 1140	F	88		313456	
Rice	June, 23	Dec., 2023	3	Kalachampa	F	80		284960	
Rice	June, 23	Dec., 2023	3	CR 1009 Sub 1	F	71		252902	
Tori a	Dec., 23	Mar., 2024	3	Sushree	CS	5.5	38,000	47987	

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.							
2.							
3.							

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	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Contingency Account	SBI	Bhadrak	11403397791
Revolving fund account	SBI	Charampa	30530545584
Pulse Seed Hub account	SBI	Charampa	36055571236

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	

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	1,50,000	1,50,000	1,50,000
3	Contingencies			
A	Contingency			
B		8,84,000	8,84,000	8,84,000
C	SCSP			
D		11,00,000	11,00,000	11,00,000
E	HRD	30,000	30,000	30,000
F				
G				
H				
I				
J	Swachhta Expenditure	32,000	32,000	32,000
TOTAL (A)		21,64,000	21,64,000	21,64,000
B. Non-Recurring Contingencies				
1	NR Library	10,000	10,000	10,000
2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND		18,75,716	18,75,716	18,75,716
GRAND TOTAL (A+B+C)		40,49,716	40,49,716	40,49,716

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	259411	920945	738591	441765
2021-22	441765	1293287	506523+600000 (Refunded to DEE)=1106523	628529
2022-23	628529	2194055	1421851+600000 (Refunded to DEE)=2021851	1064257
2023-24	1064257	2449390	2125514+600000 (Refunded to DEE) = 2725514	788133
2024-25	1122995.86	1173344.20	1875716 (Refunded to DEE) = 2,00,000	2,20624.06

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 rate (%)	Number of animals vaccinated	Preventive measures 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	6	252000
Livestock	0	22000

Fishery	11	114000
Weather	2	123000
Marketing	1	426000
Awareness	8	283000
Training information	12	1248000
Other	2	213000
Total	42	2681000

9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	25621
2.	No. of farmers registered in the portal	173
3.	Mobile Apps developed by KVK	0
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

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	5	800
2. Basic maintenance	8	310
3. Sanitation and SBM	5	1000
4. Cleaning and beautification of surrounding areas	10	1000
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	25	26050
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	2	2320
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner	1	520

11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	50	-
14. No of Staff members involved in the activities	14	-
15. No of VIP/VVIPs involved in the activities	7	-
16. Any other specific activity (in details)		
Total		32000

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used

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		

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. 9.10. Details of MahilaKisan Divas programme(15.10.2024) organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	1	3	40		

Please provide good quality photographs:

Celebration of World Food Day in 2023

Sl. No.	Activities undertaken	No. of VIPs attended	No. of participants		
1	1	3	M	F	T
			17	23	40

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

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

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.				
	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 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

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

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	

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
Mushroom production technology	1					10	20	10	20	30
Climate resilient and smart agriculture	1					15	15	15	15	30
Rainwater harvesting and its efficient use	1					13	17	13	17	30
Climate resilient technologies in horticultural crops	1					14	16	14	16	30
IPM in Sugarcane for early shoot borer & Red rot in sugarcane	1					15	15	15	15	30
Integrated pest management in chilli	1					12	18	12	18	30

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC	ST	Other				Total		
		M	F	M	F	M	F	M	F	T
Group discussion	2					20	30	20	30	50

Scientist field visit	15					1 5 0	17 0	15 0	1 7 0	3 0
Method demonstration	2					3 0	30	30	3 0	6 0
PRA survey	1					3 0	20	30	2 0	5 0
Mission LiFE awareness programmes	3					4 0	50	40	5 0	9 0
VCRMC meeting	7					1 0 0	11 0	10 0	1 1 0	2 1 0

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
FPO	Akhimuthi FPO, Sri Pradeep Sahoo	2023	OUAT, Bhubaneswar	-	Best FPO
Best Farmers Award	Sri Deepak Swain	2023	KVK, Bhadrak	-	Best farmer in fish production
Best Farmers Award	Sri Purna Chandra Majhi	2023	KVK, Bhadrak	-	Best farmer in fish production

Award received by Farmers from the KVK district

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

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
1	Jagabandhu Farmers Producer Company Ltd, 2021			Integrated Farming (Vegetable, Floriculture, Poultry, Goatary, Fishery)	Paddy, Fish, Vegetable, Mushroom, Mustard, Sunflower oil, vermicompost	771		
2	Chandabali Farmers Producer Company Ltd, 2018			Lilabati Rice, Poultry, Vegetable	Paddy, Fish, Vegetable, Mushroom, Mustard, Sunflower oil, vermicompost	557		
3	Akhandalmani Farmers Producer Company Ltd, 2021			Vegetable, Jagery, Milk	Paddy, Fish, Vegetable, Mushroom, Mustard, Sunflower oil, vermicompost	567		
4	Akhimuthi Agro Producer Company Ltd, 2018			Sunflower, Mustard, its Oil, Spices & Vegetable, Blackgram, Green Gram, Vermicompost & Paddy, Input supply of Paddy seeds	Paddy, Fish, Vegetable, Mushroom, Mustard, Sunflower oil, vermicompost	600		
5	Pirahat Farmers Producer Company Ltd, 2018			Prawn, Scented Rice	Paddy, Fish, Vegetable, Mushroom, Mustard, Sunflower oil, vermicompost	1000		
6	Kuteswar Farmers Producer Company Limited, 2020			Vegetable, Mushroom, Integrated farming and Poultry	Paddy, Fish, Vegetable, Mushroom, Mustard, Sunflower oil, vermicompost	610		
7	Baba Swopneswar Farmers Producer Company			Mushroom, Pulses, Readymade Garment and CFL Bulb	Paddy, Fish, Vegetable, Mushroom, Mustard, Sunflower oil,	501		

	Limited, 2020				vermicompos t			
8	Astha Sri Jagannath Producer Company Limited, 2015			Marketing and input Supply of Mushroom, Ho ney, Paddy, Pulses, Oilseed, Musta rd Oil, Pesticid e, Fertiliser, Ba nana, Organic Manure	Paddy, Fish, Vegetable, Mushroom, Mustard, Sunflower oil, vermicompos t	760		
9	Sambhaban a Farmers Producer Company Limited, 2020			Marketing and input Supply of Vegetable, Pad dy, Sunflower, Tender Coconut and Pulses	Paddy, Fish, Vegetable, Mushroom, Mustard, Sunflower oil, vermicompos t	410		
10	Jagadish Bose Farmers Producer Company Limited, 2020			Marketing and input Supply of Vegetable, Pad dy, Organic Manure	Paddy, Fish, Vegetable, Mushroom, Mustard, Sunflower oil, vermicompos t	390		
11	Kalathakura Farmers Producer Organisatio n, 2022			Value addition and marketing of Blackgram, Greengram	Paddy, Fish, Vegetable, Mushroom, Mustard, Sunflower oil, vermicompos t	625		
12	Utkal FPCL, 2021			As new Fpo, they are mobilising of members	Paddy, Fish, Vegetable, Mushroom, Mustard, Sunflower oil, vermicompos t	110		
13	Bajarangi FPCL, 2021			Marketing and input supply Rice, Fishery	Paddy, Fish, Vegetable, Mushroom, Mustard, Sunflower oil, vermicompos t	325		

17. Integrated Farming System (IFS)

Details of KVK Demo. Unit

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

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)

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
1	State level project Launching	21/03/25	KVK , campus	To aware about Management	250

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