ANNUAL PROGRESS REPORT
[January 2024 to December 2024]

KRISHI VIGYAN KENDRA
MAYURBHANJ-II, JASHIPUR

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	
KrishiVigyan Kendra, Jashipur At- Angarpada, P.O- Khairi, Mayurbhanj, Pin - 757091	9437584356	-	kvk.mayurbhanj2@ouat.ac.in kvkmayurbhanj2.ouat@gmail.com kvkmayurbhanj2@yahoo.com

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

Address	Telephone		E mail
	Office	FAX	
Odisha University of Agriculture & Technology, At- Siripur, Bhubaneswar-751003	0674-2397970/ 2397818/ 2397719	0674-2397970	registrarouat@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Deepak Kumar Mohanty		9437584356, 9437237790	kvkmayurbhanj2@yahoo.com

1.4. Year of sanction of KVK: **April 2012**

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. Deepak Kumar Mohanty.	Senior Scientist &Head	Agriculture Engineering	79,800-2,11,500 AGP-.8000/- (95,300)	16.05.2018	Temporary	Gen
2	Scientist	Mrs. Bidyutlata Mallick	Scientist (Home Science)	Home Science	57,700-1,82,400 AGP-.6000/- (87,200)	28.10.2009	Temporary	ST
3	Subject Matter Specialist	Debasis Jaypuria	S.M.S. (Agriculture Extension)	Agriculture Extension	56,100-1,77,500 AGP-.5400/- (67,000)	20.07.2018	Temporary	SC
4	Subject Matter Specialist	Dr. Surajyoti Pradhan	S.M.S. (Agronomy)	Agronomy	56,100-1,77,500 AGP-.5400/- (67,000)	06.07.2023	Temporary	Gen
5	Subject Matter Specialist	Vacant	-	-	-	-	-	-
6	Subject Matter Specialist	Vacant	-	-	-	-	-	-
7	Subject Matter Specialist							
8	Programme Assistant	Satya Niranjan Mishra	Prog. Asst. (Horticulture)	Horticulture	35,400-1,12,400 AGP-.4200/- (50,500)	30.07.2012	Temporary	Gen
9	Computer Programmer	Sk. Samsul Hoda	Prog. Asst. (Computer)	Computer Sc.	35,400-1,12,400 AGP-.4200/- (62,200)	30.01.2006	Temporary	Gen
10	Farm Manager	Debashis Panda	Farm Manager	Plant Protection	35,400-1,12,400 AGP-.4200/- (46,200)	03.02.2015	Temporary	Gen
11	Accountant / Superintendent	Vacant	-	-	-	-	-	-
12	Stenographer	Sadananda Mohanta	Jr. Steno-cum-Comp. Operator		25,500-81,100 AGP-2400/- (43,500)	16.10.2006	Temporary	OBC
13.	Driver	Sanjay Kumar Das	Driver-cum-Mechanic		21,700-69,100	23.07.2008	Temporary	Gen

					AGP-2000/- (29,300)			
14.	Driver	Sansaya kumar Nayak	Driver-cum-Mechanic		21,700-69,100 AGP-2000/- (29,300)		Temporary	Gen
15.	Supporting staff	Laxman Nayak	Group-D		4750-14680 AGP-1700/- (22,200)	01.01.2015	Temporary	ST
16.	Supporting staff	-	-	-	-	-	-	-

1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	1.4
2.	Under Demonstration Units	0.7
3.	Under Crops	5.0
4.	Orchard/Agro-forestry	-
5.	Others with details (IFS)	0.2
6	Wasteland	8.9
7	WHS	1.9
8	Waterlog & drainage-	0.6
	Total	**18.72**

:

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	-	-	-	-	Yes		Yes	ICAR
2.	Farmers Hostel	-	-	-	-	-	-	-	-
3.	Staff Quarters (6)	-	-	-	-	-	-	-	-
4.	Piggery unit	-	-	-	-	-	-	-	-

5.	Fencing (Boundary Wall)					Yes			RKVY
6.	Rainwater harvesting structure	-	-	-	-	-	-	-	-
7.	Threshing floor	-	-	-	-	-	-	-	-
8.	Farm go down	-	-	-	-	-	-	-	-
9.	Dairy unit	-	-	-	-	-	-	-	-
10.	Poultry unit	-	-	-	-	-	-	-	-
11.	Goatery unit	-	-	-	-	-	-	-	-
12.	Mushroom Lab	-	-	-	-	-	-	-	-
13.	Mushroom production unit	-	-	-	-	-	-	-	-
14.	Shade house	-	-	-	-	-	-	-	-
15.	Soil test Lab	-	-	-	-	-	-	-	-
16	Others, Please Specify	-	-	-	-	-	-	-	-

* 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
Bolero	2022	9,00,000		Good

C) Equipment & AV aids

Name of equipment	**Year of purchase**	**Cost (Rs.)**	**Present status**	**Source of fund**
a. Lab equipment				
b. Farm machinery				
Tractor	2016	5,29,845	Working Condition	ICAR
Power tiller	2016	1,55,500	Working Condition	ICAR
Paddy transplanter	2016	1,92,000	Working Condition	ICAR
c. AV Aids				

LCD Projector	2017-18	40,500	Working Condition	ICAR
LCD Projector	2016-17	43848	Working Condition	ICAR
Digital Camera	2016-17	13,750	Working Condition	ICAR
Digital Camera	2017-18	14,975	Working Condition	ICAR
Video Camera	2017-18		Working Condition	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Battery operated power sprayer				
Rotavator	2016	96,900	Good	ICAR
Brush cutter	2017	12,780	Good	ICAR
Tractor drawn leveller	2017	14,800	Good	ICAR
Diesel pump set (1.5 HP)	2017	14,600	Good	ICAR

1.8. Details of SAC meeting* conducted in the year

Proceeding of the 14th Scientific Advisory Committee meeting of KVK, Mayurbhanj-II, Jashipur

The 14th Scientific Advisory Committee meeting of KVK, Mayurbhanj-II, Jashipur was conducted on 04th March2025 at Krishi Vigyan Kendra, Mayurbhanj-II, Jashipur onhybridmode under the Chairmanship of Prof.P.J. Mishra, Dean, Extension Education, OUAT.Dr. A. K. Khuntia, Joint Director (Monitoring) joined the meeting physically and Dr. Pradip Dey, Director,ATARI, Kolkata joined the meeting online. The list of participants is annexed.

At the outset Dr. Deepak Kumar Mohanty, Senior Scientist and Head, KVK, Mayurbhanj-II welcomed all the guests present physically as well as virtually in the meeting. Then,Prof. P.J. Mishra, Dean, Extension Education, OUAT had briefed the objective of the Scientific Advisory Committee meeting along with the mandates of KVK and stressed on collaboration with line departments.

In the opening remarks of Dr. A. K. Khuntia, hehad highlighted the importance ofthe SAC meeting and a robust action plan needs to be developed by KVK by taking consideration into a farmers' problem centric suggestions from the house. Dr. Pradip Dey, Director,ATARI, Kolkata in his introductory address, emphasizes the efforts of KVK, Mayurbhanj-IIon mushroom cultivation and its value addition at Pahadpur village, which will be instrumental in achieving the said village as model mushroom village. He also suggested for development of KVK Mayurbhanj-II as model DSR and model mushroom KVK for wider visibility.

Agenda-1: Approval of the proceedings of last SAC meeting

The proceeding of the last SAC meeting was presented by Senior Scientist and Head, KVK, Mayurbhanj-II. As there were no modifications & objections reported by any members, the Chairman took the consent of all members and approved the proceedings.

Agenda-2: Action taken on the proceedings of the last SAC meeting

The Sr. Scientist & Head presented the action taken report on the recommendation of last SAC meeting held on 22.03.2024 as mentioned below.

Sl.No.	Recommendation	Action Taken	
1.	Demonstration and training programme on "Bee keeping" under TSP for strengthening honey production in the district by focusing livelihood of tribal peoples	Conducted one 5 days capacity building programme in entrepreneurship mode under CBSAE development project, OUAT	
		Category	F&FW
		No. of participants	20
		Date	5.11.24 to 9.11.24
		Venue	KVK campus
		Blocks covered	Karanjia, Jashipur, Raruan, Sukruli
		Distribution and demonstration of 20 nos. of bee box and Bee keeping equipment to the tribal farmers through AICRP on Honey bee, OUAT	
		Nos. of farmers	20 (All ST participants)
		Village	Ramasahi of Jashipur block
2.	Demonstration programme on nutrient & pest management in millets should be taken for strengthening millet production in the district	Conducted one FLD on "INM in Finger millet" has been conducted at 2 nos. of villages involving 10 farmers in an area of 1 ha.	
		Season	Kharif-2024
		Area	1 ha
		No. of demonstrations	10
		No. of Villages	2
		Name of the villages	Sanagaon, Sananai
		At KVK campus	0.4 ha
		Conducted 2 no. of training programme on INM & IPM in Millets	
		Category	F&FW
		No. of participants	60
		Date	07.08.2024 & 30.09.2024
		Venue	Village- Sananai&Sanagaon

<table>
<tr><td></td><td></td><td colspan="2">Block</td><td>Jashipur</td></tr>
<tr><td rowspan="11">3.</td><td rowspan="11">Capacity building programme
on natural farming and preparation of its product should be encouraged among tribal farmers of the district</td><td colspan="4">- Organization of two nos. of capacity building programme on Natural farming
- 2 nos. of Awareness Programme with SAMARTH students.</td></tr>
<tr><td></td><td>Training</td><td>Awareness programme</td></tr>
<tr><td>Category</td><td>F&FW</td><td>F&FW</td></tr>
<tr><td>No. of participants</td><td>80</td><td>100</td></tr>
<tr><td>Date</td><td>12-13th July, 24 & 01-02nd Aug, 24</td><td>28.11.24 & 27.12.24</td></tr>
<tr><td>No. of villages covered</td><td>4</td><td>2</td></tr>
<tr><td>Name of villages</td><td>Ramasahi, Dhatkia, Begunia, Badbil</td><td>Ramasahi, Begunia</td></tr>
<tr><td>Name of the blocks</td><td>Jashipur</td><td>Jashipur</td></tr>
<tr><td colspan="4">Frontline Demonstration on Natural Farming Technology on Tomato started during Rabi, 2024-25
- No. of farmers involved: 10
- No. of villages: 3
- Area covered: 0.4 ha</td></tr>
<tr><td colspan="4">Establishment of one demo unit on natural farming exploring the natural products and botanicals for wider adaptability among the farming community</td></tr>
<tr><td rowspan="10">4.</td><td rowspan="10">Mechanized DSR in medium land should be undertaken in large area for its adaptability among farming community</td><td colspan="4">Conducted FLD on DSR through seed cum fertilizer drill in medium land rice-based cropping system</td></tr>
<tr><td colspan="2">Season</td><td colspan="2">Kharif-2024</td></tr>
<tr><td colspan="2">Area</td><td colspan="2">5 ha</td></tr>
<tr><td colspan="2">No. of demonstrations</td><td colspan="2">10</td></tr>
<tr><td colspan="2">No. of Villages</td><td colspan="2">2</td></tr>
<tr><td colspan="2">Name of the villages</td><td colspan="2">Begunia and Nebda</td></tr>
<tr><td colspan="2">At KVK campus</td><td colspan="2">0.4 ha</td></tr>
<tr><td colspan="4">- Yield increases 28% over broadcasting
- Additional income: Rs.17885/ha</td></tr>
<tr><td colspan="4">Under transfer of technology two training programme has been conducted</td></tr>
<tr><td>Category</td><td>F&FW</td><td colspan="2">RY</td></tr>
</table>

		No. of participants	30	15
		Date	22.07.24	16-17thAug,24
		Venue	Village Begunia	KVK Campus
5.	Line sowing of oilseeds and pulses should be encouraged by popularizing seed cum fertilizer through demonstration programme	Popularizing the Seed cum fertilizer through FLD programme on Demonstration of tractor drawn seed cum fertilizer drill for line sowing of Mustard		
		Season		Rabi, 2024-25
		Area		5 ha
		No. of demonstrations		10
		No. of Villages		2
		Name of the villages		Sananai&Pahadpur
		Blocks		Jashipur & Kusumi
		At KVK campus		0.2 ha
		- Yield increases 23% over broadcasting - Additional income: Rs.9760/ha		
		Demonstration on sowing of groundnut through seed cum fertilizer drill under TSP - Area-1 ha - Villages- Askipal & Tilusahi		
		Under transfer of technology one training programme has been conducted		
		Category		F&FW
		No. of participants		30
		Date		21.12.24
		Venue		Village Tilusahi
6.	Introduction of improved HYV of rice for medium land	Introduction of three HYV for medium land through OFT entitled: - “Assessment of medium duration rice varieties under rainfed condition” Var: -Kalinga Dhan 1203, Kalinga Dhan 1204, Kalinga Dhan 1205 (OUAT, 2022) Kalinga Dhan - 1203 has out yielded the other two.		
		Season		Kharif-2024
		Area		1 ha
		No. of locations		07
		No. of Villages covered		2
		Name of the villages		Begunia, Tilusahi

		No. of blocks covered		2
		Blocks		Jashipur & Raruan
7.	Demonstration and skill training on "value addition of jackfruit" in collaboration with line department	- Demonstration on value addition of Jackfruit seed in preparation of Jackfruit cookies has been conducted with collaboration with line department on Kharif 2024. - A rural youth training has been conducted on 29-31 July, 2024 covering 3 blocks and 6 villages - No. of participants: - 15		
		Season		Kharif-2024
		No. of demo		10
		No. of locations		07
		No. of Villages covered		2
		Name of the villages		Begunia, Tangabilla
		Block		Jashipur
		The technology has been appreciated and it is easy to make and KVK is planning to initiate this product under adopted FPOs of Jashipur, Karanjia and Thakurmunda block.		
8.	OFT programme on "Assessment of adoption rate of different seed drill in maize" may be taken again in this year by associating Assistant Agricultural Engineers of the district	- The OFT programme has been taken this year with collaborations of Assistant Agricultural engineers of Karanjia, Thakurmunda and Jashipur block. - No. of cup feed seed drill: - 9 - No. of inclined plate seed drill- 17		
		Season		Rabi (2024-2025)
		No. of Sample		90
		No. of locations		04
		No. of Villages covered		04
		Name of the villages		Tato, Akhapalan, Angarpada, Begunia
		Block		Karanjia, Thakurmunda, Raruan and Jashipur
		The study revealed that inclined plate seed drill is adopted more than cup feed seed drill for sustainability of technology		
9.		Type of Study	Nos.	Title

	Impact study on some demonstrated technology should be under taken and some success story and case study may be documented	Impact Study	1	Economic Empowerment of Women through Mushroom Cultivation
		Success Story	1	Journey of a farm women towards Doubling the Farmers Income through backyard poultry
		Case Study	1	The Journey of Natural Farming: The Road to Sustainable Livelihood
10	FPOs and SHGs should be strengthened by associating them with KVK activities for better visibility of KVK in the district	Capacity Building programme to the FPOs' and SHGs on: - - Tropical Mushroom Cultivation and its value addition - Nursery Raising of Vegetables - Vermicompost Production Organisation of District Level FPO launching Workshop by KVK, Mayurbhanj-II, Jashipur on 14.08.2024 Nos. of FPO involved: 08 nos. (Thakurmunda Farmer Producer Company Ltd., Badam Pahar FPO, Niladarinath FPO, Nityananda FPO, Chakanayan FPO, Sabuja Jamda FPO, Jashipur Farmer producer Company Ltd., Suleipat FPO) A Convergence meeting on Strengthening of FPOs has been conducted on 20.02.2025. The members of FPOs' and SHGs were associated with KVK in different exhibition.		
11.	Documentations of TSP activities in the form of success story and case study	Type of Study	Nos.	Title
		Success Story	1	A curious case of Integrated Farming System featuring Bhakta Bandhu Chattar
		Case Study	1	Pahadpur: Light House of Mushroom cultivation

Agenda-3: Achievement made by the KVK

KVK has conducted 49 nos. of training programme for farmers and farm women (F&FW) in the thematic area of farm mechanization, value addition, micro-irrigation, income generation, integrated nutrient management, drudgery reduction, integrated pest management, off-season vegetable cultivation, contingent crop planningetc. KVK also conducted 14 nos. of training programme for Rural Youth (RY) on entrepreneurship development on non-land-based enterprise, nursery raising technique of vegetables, value addition, farm mechanizationetc. For the extension personnel (IS), 7 nos. of in-service training programme were conducted during this period. Moreover 6 skill development training programmes has been conducted for skill development of rural youth under 100 days action plan.

KVK has conducted 8 nos. of OFTs and 18 nos. of FLDs along with 7 nos. of broad-based demonstrations for tribal people on hybrid maizevariety Kalinga Raj, mushroom cultivation, backyard poultry, HYV rice variety Kaling Dhan -1205, ICM in Groundnut,asset creation on farm tools & implements andgynodioecious papaya cultivation exclusively under TSP programme comprising 827 no of tribal farmers and farm women.
The extension Activities like celebration of Mahila Kisan Divas, World Food Day, International Women's Day, World Soil Health Day, Akshaya Trutiya, Animal Health Camp, Swachha Bharat programme, SHGs meet, Awareness programme on Natural Farming, Bee keeping etc.were organized inside the KVK campus and adopted villages. In addition to these 95 quintals of paddy foundation seed variety-Hasanta (unprocessed), 1,11,560 nos.of seedlings in its nursery and 1200 nos. of poultry chicks in its brooding unithas been supplied to farmers &agri-preneurs under TSP and revolving fund activities.

Agenda-4: Action plan for 2025-26

The Senior Scientist and Head elaborately presented the proposed action plan of the KVK for the year 2025-26 which includes 7 nos. of OFT, 18 nos. of FLD, 8 nos. of broad-based demonstration programme exclusively for tribal people under TSP, 52 nos. of training programme for farmers and farm women, 16 nos. of training programme for rural youths and 10 nos. of training programme for extension functionaries. The suggestions & modifications were recorded for inclusion in future programme.

Agenda-5: Recommendation

All the action points suggested by the Hon'ble members of SAC were discussed at length and following recommendations were emerged out.

1. One village should be scaled up for "Bee keeping" under TSP for strengthening honey productionin the district by focusing livelihood of tribal peoples and one village for scaling up of "Natural Farming"to strengthen the soil health.
2. Demonstration programme on wilt resistant & fruit and shoot borer resistant variety of brinjal and tomato should be encouraged in the district.
3. Capacity building training programme on climate resilient practice should be encouraged among farmers of the district. Special emphasis should be given on DSR technology.
4. One demonstration programme on "total mechanization in one crop (may be rice)"should be taken up to find out its suitability and profitability.
5. Technology on stress tolerant horticultural practices should be demonstrated.
6. Trial or demonstration should be taken up during this year to recommend a suitable scented variety of rice to the farmers of Mayurbhanj District.
7. Introduction of improved HYV of millets for strengthening millet production in the district.
8. Improved and advanced training on "value addition of millets" with special emphasis to millet other than finger millet for obtaining quality product for better marketing. Labelling and branding of the product should be taken care in the value chain.
9. Demonstration and skill training on "value addition of oyster mushroom"in collaboration with line departmentand NGOs may be conducted. Labelling and branding of the product should be taken care during marketing.
10. As Mayurbhanj District has major area covered under maize,at least one demonstration programme should be taken up on Maize.

11. KVK should focus on taking up of some OFT/ FLD on cash crops.
12. Capacity building on market led extension for strengthening of FPOs.
13. Mango harvester should be encouraged if largescale implementation could be done. So FLD of the above-mentioneddemonstration should not be repeated.

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1	04.03.2025	35	-	-	-

2.a. District level data on agriculture, livestock and farming situation (2019-20)

<table>
<tr><th>Sl. no.</th><th>Item</th><th>Information</th></tr>
<tr><td>1</td><td>Major Farming system/enterprise</td><td>• Paddy-fallow, Maize-fallow. Pigeon pea-fallow, Black gram-fallow
• Paddy – Green gram, Animal Husbandry
• Paddy + Animal Husbandry,
• Paddy -Vegetable, Paddy - Chick pea, Vegetable-vegetable</td></tr>
<tr><td>2</td><td>Agro-climatic Zone</td><td>North Central Plateau</td></tr>
<tr><td>3</td><td>Agro ecological situation</td><td>AES-I, AES-II, AES-IV</td></tr>
<tr><td>4</td><td>Soil type</td><td>Sandy loam, Red lateritic, Silty loam, Red & Yellow, Mixed Red & Black</td></tr>
<tr><td>5</td><td>Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others</td><td>
<table>
<tr><th>Name of the Crop</th><th>Area (ha)</th><th>Yield (q/ha)</th></tr>
<tr><td>Kharif</td><td></td><td></td></tr>
<tr><td>Paddy</td><td>2,94,725</td><td>29.70</td></tr>
<tr><td>Maize</td><td>6,737</td><td>40.14</td></tr>
<tr><td>Arhar</td><td>8,380</td><td>09.12</td></tr>
<tr><td>Rabi</td><td></td><td></td></tr>
<tr><td>Chickpea</td><td>7,580</td><td>07.25</td></tr>
<tr><td>Ground nut</td><td>10,175</td><td>15.06</td></tr>
</table>
</td></tr>
<tr><td>6</td><td>Mean yearly temperature, rainfall, humidity of the district</td><td>41.2(Max), 8.4(Min), 1648.2 mm in 77 rainy day</td></tr>
<tr><td>7</td><td>Production of major livestock products like milk, egg, meat etc.</td><td>
<table>
<tr><th>Name of commodity</th><th>Area (ha) / No.</th><th>Total Production</th></tr>
<tr><td>Dairy</td><td>9,36,149 nos</td><td>Milk-12.52 m lit</td></tr>
<tr><td>Poultry</td><td>26,71,290 nos</td><td>Egg-104.62 m</td></tr>
<tr><td>Goatery</td><td>6,86,785 nos</td><td></td></tr>
</table>
</td></tr>
</table>

		Pisciculture	Ponds- 26980 nos Water spread area- 15347 ha	Productivity- 1.07 q/ha

Note: Please give recent data only

2.b. Details of operational area / villages (2022-23)

Name of village	Block	Geog. Area	Cultivable Area	Cultivated Area	Paddy Area			Area under Irrigation
					High	Med	Low	
Badsole	Jashipur	40244	20835	20100	121	8930	2249	2964
Sialinai	Karanjia	46625	19052	18998	1144	4875	3682	2933
Godapalsa	Raruan	21219	17574	15127	1234	4209	2674	1904
Chadripahadi	Jashipur	1045	909	896	191	484	222	203
Jhumkakudar	Karanjia	161	89	88	33	46	9	24
Kashipal	Jashipur	1071	967	942	281	507	152	114

2. c. Details of village adoption programme:

Name of the villages adopted by SS&H and SMS (2023-24) for its development and action plan

Name of village	Block	Action taken for development
Begunia	Jashipur	• Bench mark survey, Group meeting, FLD, OFT, Training programme, Awareness programme
Mata	Karanjia	• Bench mark survey, Group meeting, FLD, OFT, Training programme, Awareness programme
Tilusahi	Raruan	• Bench mark survey, Group meeting, FLD, OFT, Training programme, Awareness programme
Sanagaon	Karanjia	• Bench mark survey, Group meeting, FLD, OFT, Training programme, Awareness programme
Askipal	Sukruli	• Bench mark survey, Group meeting, FLD, OFT, Training programme, Awareness programme

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
8	8	252	66	30	83	47	17	9	166	86	252		18	18	420	78	48	114	83	52	45	244	176	420

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
79	79	2100	274	174	468	684	251	323	993	1181	2174	60	68	2187	279	285	331	457	415	420	1025	1162	2187

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
6	6	0	4	40	45	46	45	86	94	180	210	225	37	21	63	57	39	8	139	86	225

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
90	83 (Sampling drawn)	150000	121565

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
1500 Chicks	1100 Chicks	110	125

* 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	1	Mass					
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter	1	500					
Popular Articles	7	Mass					
Book Chapter							
Extension Pamphlets/ literature	3	1500					
Technical reports							
Electronic Publication (CD/DVD etc)	2	Mass					
TOTAL	13	2000					

3.1 Achievements on technologies assessed and refined

OFT-1

1.	Title of on farm Trial	Assessment of non-ragi millet crops for diversification of millet production system 24OAG05(K)
2.	Problem diagnosed	Opportunity for diversification of other millets in the district for higher return
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1 :Little millet TO2 :Pearl millet TO3 :Foxtail millet TO4 :Sorghum
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	IIMR, 2023
5.	Production system and thematic area	Rainfed upland kharif, diversification of finger millet-based cropping system
6.	Performance of the Technology with performance indicators	81.3 q/ha yield of sorghum (Ragi equivalent yield)
7.	Final recommendation for micro level situation	Crop diversification with sorghum increases grain yield and net return of farmers
8.	Constraints identified and feedback for research	High yielding varieties of other millets apart from finger millet is not available sufficiently
9.	Process of farmers participation and their reaction	Farmers have actively participated and were happy with the technology provided to them

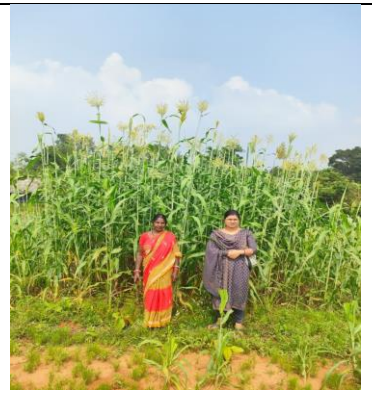
Thematic area:

Problem definition: Opportunity for diversification of other millets in the district for higher return

Technology assessed: TO1 :Little millet
TO2 :Pearl millet
TO3 :Foxtail millet
TO4 :Sorghum

Table:

Technology option	No. of trials	Plant height (cm)	Grain yield (q/ha)	Ragi equivalent yield(q/ha)	Net return	B:C ratio
FP	**7**	**85.1**	**11.2**	**11.2**	**19548**	**1.68**
TO1	**7**	**94.3**	**11.6**	**41.8**	**19901**	**1.75**
TO2	**7**	**175.5**	**22.4**	**52.2**	**23302**	**1.65**
TO3	**7**	**89.1**	**8.9**	**32.2**	**13512**	**1.55**
TO4	**7**	**198.3**	**26.2**	**81.3**	**41820**	**1.90**
CD (0.05)	**-**	**6.18**	**1.0**	**5.1**	**-**	**-**

				
TO1 :Little millet	TO2 :Pearl millet	TO3 :Foxtail millet	TO4 :Sorghum	FP- Finger millet

OFT-2

1.	Title of on farm Trial	**Assessment of medium duration rice varieties under rainfed condition 24OAG01(K)**
2.	Problem diagnosed	Low yield in medium land due cultivation of old varieties
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1: Kalinga Dhan 1203 TO2-Kalinga Dhan 1204 TO3: Kalinga Dhan 1205
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT, 2022
5.	Production system and thematic area	Kharif Lowland rainfed, Varietal evaluation
6.	Performance of the Technology with performance indicators	Kalinga Dhan 1205 Performed better than Kalinga Dhan 1203, 1204 and Practiced variety (Lalat) with higher number of EBT and more profit
7.	Final recommendation for micro level situation	Kalinga Dhan 1205 Performed better than Kalinga Dhan 1203, 1204
8.	Constraints identified and feedback for research	Kalinga Dhan 1203 has non synchronous maturity. All the Series of Kalinga Dhan have longer duration than actually claimed i.e. one week more than actual.
9.	Process of farmers participation and their reaction	Farmers were happy with the yield and performance of the Kalinga Dhan 1205.

Thematic area:

Problem definition: Low yield in medium land due cultivation of old varieties

Technology assessed: TO1: Kalinga Dhan 1203
TO2-Kalinga Dhan 1204
TO3: Kalinga Dhan 1205

Technology option	No. of trials	Duration (Days)	No. of EBT/m^2	No of filled grains/panicle	Test weight (gm)	Yield (q/ha)	Profit (Rs)	B:C
FP (Lalata)	7	126	231	97	20.1	36.3	26500	1.58
TO_1(Kalinga Dhan 1203)	7	128	268	106	19.8	42.7	40200	1.79
TO_2 – (Kalinga Dhan 1204)	7	136	281	113	20.3	43.5	43150	1.86
TO_3 – (Kalinga Dhan 1205)	7	136	284	116	20.1	43.8	44100	1.91
CD (0.05)	7	-	7.64	3.16	NS	0.36	817	0.09

TO_1(Kalinga Dhan 1203)

TO_3 – (Kalinga Dhan 1205)

TO_2 – (Kalinga Dhan 1204)

FP (Lalata)

OFT-3

1.	Title of on farm Trial	**Assessment of power weeder cum ridger for intercultural operation in maize**
2.	Problem diagnosed	Low yield of maize due to lack of intercultural operation and ridging
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1 :Intercultural operation by power weeder TO2 :Intercultural operation & ridging by power weeder cum ridger
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-IIMR, 2020
5.	Production system and thematic area	
6.	Performance of the Technology with performance indicators	Both TO1 and TO2 gave significantly higher yield than Farmer's practice
7.	Final recommendation for micro level situation	Realised the importance of weeding and ridging and use of power weeder in maize in terms of yield and net profit
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition: Low yield of maize due to lack of intercultural operation and ridging

Technology assessed: TO1 :Intercultural operation by power weeder
TO2 :Intercultural operation & ridging by power weeder cum ridger

Results	Grain yield (q/ha)	Net return	B:C ratio
FP	37.2	34500	1.86
TO1	46.6	50879	2.20
TO2	49.1	55000	2.27
CD (0.05)	**3.418**	-	-
SeM	**1.127**		


Power weeder cum ridger for intercultural operation in maize

OFT-4

1.	Title of on farm Trial	**Assessment of irrigation scheduling in growth and yield of Mustard**
2.	Problem diagnosed	Low yield due to improper and irregular irrigation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1 :One Irrigation at Rosette stage TO2 :One Irrigation at Pod formation TO3 :Two Irrigations (1st at Rosette + 2nd at Pod Formation
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CSAUAT,2022
5.	Production system and thematic area	
6.	Performance of the Technology with performance indicators	TO3 gave significantly higher yield than all the technological options and farmer's practice
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: Low yield due to improper and irregular irrigation

Technology assessed: TO1 :Intercultural operation by power weeder
TO2 :Intercultural operation & ridging by power weeder cum ridger

Results	Grain yield (q/ha)	Net return	B:C ratio
FP	37.2	34500	1.86
TO1	46.6	50879	2.20
TO2	49.1	55000	2.27
CD (0.05)	**3.418**	-	-
SeM	**1.127**		

Irrigation scheduling in growth and yield of Mustard

OFT-5

1.	Title of on farm Trial	**Assessment of Poultry breed in Backyard**
2.	Problem diagnosed	Low income from rearing of existing breed
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**TO1:Coloured broiler-**Multi colour bird for meat production ,grow faster than desi bird ,Body weight -1.4kg to 1.5kg at 7 week egg laying 170 to180 no of egg /year. **TO2:Pallishree-** Body weight 1.85 kg at 6 week of age with average egg laying 162 days and 110 no egg/yr very low mortality(2%)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CPDO 2015, AICRP on Poultry College of Veterinary , OUAT 2022
5.	Production system and thematic area	Evaluation of breed
6.	Performance of the Technology with performance indicators	Pallishree breed performed well with average body weight of 2.2 kg/8 week and lays an average of 105 nos. of egg/year
7.	Final recommendation for micro level situation	Pallishree breed of poultry performs well for meat and egg production with low mortality rate.
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition: Low income from rearing of existing breed

Technology assessed: **TO1:Coloured broiler-**Multi colour bird for meat production ,grow faster than desi bird ,Body weight -1.4kg to 1.5kg at 7 week egg laying 170 to180 no of egg /year.
TO2:Pallishree- Body weight 1.85 kg at 6 week of age with average egg laying 162 days and 110 no egg/yr very low mortality(2%)

Technology Assessed	Average of body wt Kg/ 8weeks	Egg production No/year	Gross cost (Rs/-10 bird)	Gross return (Rs/-10 bird)	Net Return (Rs/-10 bird)	B:C ratio
FP	1.4	162	1986	2940	954	1.4
TO1	1.5	165	2016	3300	1284	1.6
TO2	2.2	105	2036	5500	3464	2.7
CD (0.05)	0.09	5.95	-	-	-	-

OFT-6

1.	Title of on farm Trial	**Refinement of improved techniques for cultivation of paddy straw mushroom (Volvariella volvacea)using crumbled straw**
2.	Problem diagnosed	Low income due to yield and high cost of bundle paddy straw
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**TO_1**:Square compact bed size (30x30cm) mushroom production by using crumbled paddy straw 5kg,soaking of straw in water for 5hrs in 2% CaCo3, 14-20 age spawn at 2% of dry substrate weight and horse gram power (at 3% dry substrate weight) **TO_2** :Circular compact bed size (45cm diameter) Mushroom production by using crumbled paddy straw 5kg ,soaking of water for 5hrs in 2% CaCo3 ,14-20 day age spawn at 2%of dry substrate weight and horse gram power (at 3% dry substrate weight)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Department of plant pathology, TANU,Coimbatore,2012)
5.	Production system and thematic area	Mushroom Production
6.	Performance of the Technology with performance indicators	Higher yield in Circular compact bed system having an average yield of 66.2 kg/100 nos. of bed
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	Moisture level and even bed temperature between layers leads to more pin heads and buttons in circular bed with increase in yield
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition: Low income due to yield and high cost of bundle paddy straw

Technology assessed: **TO_1**:Square compact bed size (30x30cm) mushroom production by using crumbled paddy straw 5kg,soaking of straw in water for 5hrs in 2% CaCo3, 14-20 age spawn at 2% of dry substrate weight and horse gram power (at 3% dry substrate weight)

TO_2 :Circular compact bed size (45cm diameter) Mushroom production by using crumbled paddy straw 5kg ,soaking of water for 5hrs in 2% CaCo3 ,14-20 day age spawn at 2%of dry substrate weight and horse gram power (at 3% dry substrate weight)

Practices	**Pin head appearance (day)**	**Biological efficiency (%)**	**Yield (kg/100 bed)**	**Gross cost Rs/100 Bed**	**Gross income Rs/Bed**	**Net income (Rs/bed)**	**B:C Ratio**
FP	6	12.24	61.3	6500	15325	8825	2.35
TO_1:	6	11.52	57.8	6500	14450	7950	2.22
TO_2	6	13.22	66.2	6500	16550	10050	2.54
CD (0.05)		0.048	0.315				

OFT-7

1.	Title of on farm Trial	Assessment of Adoption rate and Sustainability of different Planters
2.	Problem diagnosed	Poor adoption of seed drill in maize cultivation through introduced since last ten years by KVK and CSISA
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP:- Sowing of seeds behind plough TO_1: Adoption of cup feed seed drill for sowing of seeds TO_2: Adoption of inclined plate seed drill for sowing of seeds
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NA
5.	Production system and thematic area	Allied Sector
6.	Performance of the Technology with performance indicators	Adoption of inclined plate seed drill for sowing of seeds is high due to its easy accessibility.
7.	Final recommendation for micro level situation	Adoption of inclined plate seed drill for sowing of seeds
8.	Constraints identified and feedback for research	Lack of service in time for smooth functioning of seed drill
9.	Process of farmers participation and their reaction	The farmers are favorable towards inclined plate seed drill for sowing of seeds

Thematic area:

Problem definition: Poor adoption of seed drill in maize cultivation through introduced since last ten years by KVK and CSISA

FP:- Sowing of seeds behind plough
TO_1: Adoption of cup feed seed drill for sowing of seeds
TO_2: Adoption of inclined plate seed drill for sowing of seeds weight

Results	Rate of Adoption				Sustainability of technology				Selling of machines			
	Low	Med	High	SD	Low	Med	High	SD	Low	Med	High	SD
FP (30)	21	5	4	7.78	26	2	2	11.31	20	6	4	7.11
TO_1 (30)	17	10	3	5.71	14	11	5	3.74	25	3	2	10.61
TO_2 (30)	6	10	14	3.26	5	4	21	7.78	3	5	22	8.52

The rate of adoption : p-value is .000347. The result is significant at $p < .05$.
The Suitability of technology: The *p*-value is < 0.00001. The result is significant at $p < .05$.
Selling of machines: The *p*-value is < 0.00001. The result is significant at $p < .05$

Assessment of Adoption rate and Sustainability of different Planters

OFT-8

1.	Title of on farm Trial	Assessing efficacy of different channels to get appropriate technology from reliable sources
2.	Problem diagnosed	Non availability of appropriate technology at farmers door step which needs immediate attention in non accessible areas
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP:- F-F Extension TO_1: Print media TO_2: Mobile message from Govt. sources TO_3: Blackboard Technology
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NA
5.	Production system and thematic area	Allied Sector
6.	Performance of the Technology with performance indicators	Delivery of technology and suitability is observed high in Blackboard technology
7.	Final recommendation for micro level situation	Blackboard Technology
8.	Constraints identified and feedback for research	Lack of accessibility in blackboard technology as most of respondents prefers for F-F Extension
9.	Process of farmers participation and their reaction	The farmers are favorable towards F-F Extension and Blackboard technology

Thematic area:

Problem definition: Non availability of appropriate technology at farmers door step which needs immediate attention in non accessible areas

FP:- F-F Extension TO_1: Print media TO_2: Mobile message from Govt. sources TO_3: Blackboard Technology

Results	Delivery of Technology				Sustainability of technology				Timely Availability			
	Low	Med	High	SD	Low	Med	High	SD	Low	Med	High	SD
FP (30)	9	8	13	2.62	7	8	15	3.55	14	11	5	3.74
TO_1 (30)	11	10	9	0.81	14	10	6	3.26	18	7	5	5.71
TO_2(30)	9	12	9	1.41	9	14	7	2.94	11	9	10	0.81
TO_3(30)	7	15	8	3.55	3	7	20	7.25	4	12	14	4.32

Delivery of technology : The p-value is .572391. The result is *not* significant at $p < .05$.

Sustainability of technology : The p-value is .00136. The result is significant at $p < .05$.

Timely availabilty : The p-value is .008805. The result is significant at $p < .05$.

Assessing efficacy of different channels to get appropriate technology from reliable sources

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	Weed management	**Demonstration on weed management in maize**	1	1									10	
2.	Rice	Weed management	**Demonstration on weed management in transplanted rice**	2	2							10			
3.	Ragi	INM	**Demonstration on integrated nutrient management in ragi**	1	1							10			
4.	Brinajal	IDM	**Demonstration on Integrated management of wilt complex of Brinjal**	1	1							10			
5	Okra	IPM	**Demonstration on evaluation of suitable IPM module for YVMV in Okra**	1	1							10			
6	Rice	IDM	**Demonstration on Management of Neck-blast in Rice**	1	1							10			
7	Brinjal	Weed management	**Demonstration on mulching in Brinjal**	0.4	0.4							10			
8	Pointed Gourd	Varietal evaluation	**Demonstration on High yielding Pointed gourd variety- Swarna Aloukik in trellis system**	1	1							10			
9	Maize	ICM	**Demonstration on improved package and practices in hybrid maize variety for sustainable income**	5	5							15			

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_2O_5	K_2O					

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	Weed management	**Demonstration on weed management in maize**	10	1	39.6	33.1	20	**Weed control efficiency (%)** 84.3	**Weed control efficiency (%)** 61.4	41,703	86,267	44564	2.06	46,728	72,468	25,739	1.55
Rice	Weed management	**Demonstration on weed management in transplanted rice**	10	2	42.1	33.2	27	**Weed control efficiency (%)** 83.6	**Weed control efficiency (%)** 36.5			36,875	1.98			25,250	1.65
Ragi	INM	**Demonstration on integrated nutrient management in ragi**	10	1	14.2	11.9	14.8	**No of effective tillers/hill** 4.8	**No of effective tillers/hill** 3.1			26,813	1.88			16,185	1.41

Brinajal	IDM	**Demonstration on Integrated management of wilt complex of Brinjal**	10	1	191	153	24.83	**Wilt incidence (%) 6**	**Wilt incidence (%) 40**	53400	172100	11870	3.22	57750	137850	80100	2.38
Okra	IPM	**Demonstration on evaluation of suitable IPM module for YVMV in Okra**	10	1	109	81	34.56	**Percentage Disease Index(%)** 7	**Percentage Disease Index(%)** 32	38200	142320	104120	3.72	36800	98160	61360	2.67
Rice	IDM	**Demonstration on Management of Neck-blast in Rice**	10	1	59.20	53.80	10	**Percentage Disease Index, %** 21.3	**Percentage Disease Index, %** 9.8	77757	177600	99843	2.28	75329	149400	74071	1.98
Brinjal	Weed management	**Demonstration on mulching in Brinjal**	10	0.4	259	218	18.80	**No. of weeds per square meter** 36(Avg.)	**No. of weeds per square meter** 132(Avg)	141200	414400	273200	2.9	127900	348800	220900	2.7
Pointed Gourd	Varietal evaluation	**Demonstration on High yielding Pointed gourd variety- Swarna Aloukik in trellis system**	10	1	208	153	35	**Avg Fruit Weight(gm)** 35.5	**Avg Fruit Weight(gm)** 29.6	172000	428000	256000	2.48	131000	288200	157200	2.2
Maize	ICM	**Demonstration on improved package and practices in hybrid maize variety for sustainable income**	15	5	48	43	12.76	**Avg. wt./cob (g) 312**	**Avg. wt./cob (g)** 272			49640	1.94			33300	1.58
		Total															

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specify) Fooder	Fooder cultivation	**Demonstration on fodder super nappier in dairy farming**	10	10	**Mean milk Production(l/day) 8.4**	**Mean milk Production(l/day)** 6.3	**Increase in milk production (%)** 33.3			6900	25200	18300	3.65	7400	18900	11500	2.55
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
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl. specify)																	
	Total																

* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.
** BCR= GROSS RETURN/GROSS COST

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Value addition	Demonstration on Sweet Potato and Pulse Flour Fortified Noodle	10	10kg	**Keeping Quality (Days)** 90	**Keeping Quality (Days) 60**	50%	**Sensory Evalution (Headonic scale of rating)** 7	**Sensory Evalution (Headonic scale of rating)** 6.5	1450/-	3400/-	1950/-	2.0		400/-	400/-	
	Demonstration on value added products from oyster mushroom for higher income	10	10kg	**Keeping Quality (Days)** 90	**Keeping Quality (Days) 2**	4400%	**Sensory Evalution (Headonic scale of rating 8**	**Sensory Evalution (Headonic scale of rating 6.5**	1650/-	3400/-	1750	2.06		1000/-	1000/-	
	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		Demo	Check			Demo	Check		
Ttractor drawn seed cum fertilizer drill	Rice	**Demonstration on Tractor drawn seed cum fertilizer drill for direct seeding of rice**	10	5	Effective field capacity (ha/h) 0.4	-						22,168	39,544		
Tractor drawn seed cum fertilizer drill	Maize	**Demonstration of line sowing of maize using Tractor drawn seed cum fertilizer drill**	10	2				52				45.4			

0.5 hp motor operated mini ragi thresher cum pearler	Ragi	**Demonstration of 0.5 hp motor operated mini ragi thresher cum pearler**	10	-	30.7 kg/hr	14.6 kg/hr	110%	92%				85%			
Tractor drawn seed cum fertilizer drill	Mustard	**Demonstration of line sowing of mustard using Tractor drawn seed cum fertilizer drill**	10	2	-	-	-	-	-	-	-	-	-	-	-

* 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

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total										
Oilseeds										
Castor										
Mustard										

Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Total										
Pulses										
Green gram										
Black gram										
Bengal gram										
Red gram										
Others (Pl. specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total										
Fodder crops										

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

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Mustard	Know about proper timing of irrigation, highly satisfied and encouraged with the yield
2	Mize	Weed population has decreased by 84% with herbicide application and hand weeding both .
3	Ragi	Farmers were satisfied with the application of both inorganic and organic source of nutrients as it has enhanced the yield.

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	28.11.25,04.12.24, 12.12.24, 31.12.24	4	160	
2.	Farmers Training	-	22	660	
3.	Media coverage	-	4	Mass	
4.	Training for extension functionaries	-	3	75	

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.	Av.	D	S	P
1.	Sunflower	MSFH-17	21	11.5	13.5	20.5	Seed treatment through tricoderma viride and application of neem oil @ 5 ml/lit	25	10	18.5	15.4	16.2	5	2.7	4.3

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.	Seed treatment through tricoderma viride and application of neem oil @ 5 ml/lit	48750	72000	23250	1:47	58700	99000	40300	1:68

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1.	Sunflower var. MSFH-17	41250	24718	80	850	15682	Household expenditure and purchase of input for rabi agriculture 2023-24	10

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	Introduction of improved variety,	Yes	Yes	42 %	No	Yes	-

	application of Seed treatment through tricoderma viride and application of neem oil @ 5 ml/lit						

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
1	Introduction of improved variety, application of Seed treatment through tricoderma viride and application of neem oil @ 5 ml/lit	Yes	Yes

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	**Training**	**06.3.2024**	**25**

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.)
Sunflower	i) Critical input	50749	50749	Nil
	ii) TA/DA/POL etc. for monitoring	4851	4851	Nil
	iii) Extension Activities (Field day)	2250	2250	Nil
	iv)Publication of literature	950	950	Nil
	Total	58800 (Audit-1200)	58800 (Audit-1200)	Nil

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

A) Farmers and farm women (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
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													
Off0season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													

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
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
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													

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
others													
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
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													
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	-	-	-	-	-	-	-	-	-	-	-	-	-

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
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													
Bio0agents production													
Bio0pesticides production													
Bio0fertilizer production													
Vermi0compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee0colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others													
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
XII. Others (Pl. Specify)													
GRAND TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops	1	9	-	9	-	-	-	6	-	6	15	-	15
Training and pruning of orchards	1	5	1	6	1	-	1	8	-	8	14	1	15
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production	1	7	0	7	1	5	6	1	1	2	9	6	15
Production of organic inputs	1	5	3	8	1	1	2	2	3	5	8	7	15
Planting material production													
Vermiculture	1	3	-	3	-	1	1	5	6	11	8	7	15
Mushroom Production	1	3	4	7	-	2	2	3	3	6	6	9	15
Beekeeping	1	3	8	11	-	-	-	2	2	4	5	10	15
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition	2	-	20	20	-	-	-	-	10	10	-	30	30
Small scale processing													
Post Harvest Technology													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems	1	7	0	7	1	5	6	1	1	2	9	6	15
Use of Plastics in farming practices													
Repair and maintenance of farm machinery and implements	1	5	1	6	1	-	1	8	-	8	14	1	15
Small scale processing and value addition													
Post Harvest Technology													
Production of small tools and implements													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													

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
Total	11	47	37	84	5	14	19	36	26	62	88	77	165

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	1	3	3	6	1	0	1	6	2	8	10	5	15
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
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													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization	2	16	10	26	6	2	8	10	6	16	32	18	50
Information networking among farmers													
Capacity building for ICT application	2	24	12	36	8	2	10	4	0	4	36	14	50
Management in farm animals													
Livestock feed and fodder production													
Household food security	2	1	6	7	8	7	15	1	27	28	10	40	50
Other	2	6	1	7	8	7	15	27	1	28	40	10	50
Total	9	50	32	82	31	18	49	48	36	84	128	87	215

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	2	0	0	0	28	3	31	14	15	29	32	18	60
Integrated weed mgmt	1	2	0	2	16	12	28	-	-	0	18	12	30
Resource Conservation Technologies	1	2	9	11	4	4	8	7	4	11	13	27	30
Cropping Systems													
Crop Diversification													
Integrated Farming	1	14	16	30	-	-	-	-	-	-	14	16	30
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	1	-	-	-	-	-	-	2	28	30	2	28	30
Integrated Crop Management	1	-	-	-	-	-	-	15	15	30	15	15	30
Soil & water conservation													
Integrated nutrient Management	2	1	2	3	25	3	28	14	15	29	40	20	60
Production of organic inputs													

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
Others													
Total	9	19	27	46	73	22	95	52	77	129	134	136	270
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1	-	-	-	-	-	-	25	5	30	25	5	30
Off0season vegetables	1	-	-	-	18	12	30	-	-	-	18	12	30
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others	4	12	2	14	5	18	23	40	43	83	57	63	120
Total (a)	6	12	2	14	23	30	53	65	48	113	100	80	180
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit	1	2	1	3	1	-	1	8	18	26	11	19	30
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits	1	5	-	5	-	-	-	6	19	25	11	19	30
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)	2	7	1	8	1	0	1	14	37	51	22	38	60
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
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													

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
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													
Poultry Management	1	-	-	-	-	-	-	-	30	30	-	30	30
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies	1	-	13	13	-	-	-	-	17	17	-	30	30
Production of quality animal products													
Others	1	-	5	5	-	2	2	-	23	23	-	30	30
Total	3	0	18	18	0	2	2	0	70	70	0	90	90
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	-	-	-	-	-	-	-	30	30	-	30	30
Design and development of low/minimum cost diet	1	-	29	29	-	-	-	-	1	1	-	30	30
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition	3	-	37	37	-	20	20	-	33	33	0	90	90
Women empowerment													
Location specific drudgery reduction technologies	2	-	22	22	-	-	-	-	38	38	-	60	60
Rural Crafts													
Women and child care													
Others	1	-	-	-	-	-	-	-	30	30	-	30	30
Total	8	0	88	88	0	20	20	0	132	132	0	240	240
VI. Agril. Engineering													
Farm machinery & its maintenance													

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
Installation and maintenance of micro irrigation systems	1	-	-	-	18	12	30	-	-	-	18	12	30
Use of Plastics in farming practices	1	-	-	-	-	-	-	14	16	30	14	16	30
Production of small tools and implements	1	4	1	5	7	2	9	10	6	16	21	9	30
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology	3	20	5	25	30	5	35	30	0	30	80	10	90
Others													
Total	6	24	6	30	55	19	74	54	22	76	133	47	180
VII. Plant Protection													
Integrated Pest Management	6	12	45	57	1	2	3	51	69	120	64	116	180
Integrated Disease Management	1	-	-	-	-	-	-	13	17	30	13	17	30
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	7	12	45	57	1	2	3	64	86	150	77	133	210
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													
Apiculture													
Others													

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
Total													
X. Capacity Building and Group Dynamics													
Leadership development	1	4	1	5	7	2	9	10	6	16	21	9	30
Group dynamics	1	-	-	-	-	-	-	13	17	30	13	17	30
Formation and Management of SHGs	1	-	-	-	18	12	30	-	-	-	18	12	30
Mobilization of social capital	1	2	9	11	4	4	8	7	4	11	13	27	30
Entrepreneurial development of farmers/youths	2	0	0	0	28	3	31	14	15	29	32	18	60
WTO and IPR issues	1	3	3	6	4	0	4	15	5	20	22	8	30
Others	1	1	-	-	-	-	-	-	13	17	30	13	17
Total	8	10	13	22	61	21	82	59	60	123	149	104	227
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
XII. Others (Pl. Specify)													
GRAND TOTAL													

E) RURAL YOUTH (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													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													

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 quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total													

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
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													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													

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
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other													
Total													

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

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	2	0	0	0	28	3	31	14	15	29	32	18	60
Integrated weed mgmt	1	2	0	2	16	12	28	-	-	0	18	12	30
Resource Conservation Technologies	1	2	9	11	4	4	8	7	4	11	13	27	30
Cropping Systems													
Crop Diversification													
Integrated Farming	1	14	16	30	-	-	-	-	-	-	14	16	30
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	1	-	-	-	-	-	-	2	28	30	2	28	30
Integrated Crop Management	1	-	-	-	-	-	-	15	15	30	15	15	30
Soil & water conservation													
Integrated nutrient Management	2	1	2	3	25	3	28	14	15	29	40	20	60
Production of organic inputs													
Others													
Total	9	19	27	46	73	22	95	52	77	129	134	136	270
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1	-	-	-	-	-	-	25	5	30	25	5	30
Off0season vegetables	1	-	-	-	18	12	30	-	-	-	18	12	30
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others	4	12	2	14	5	18	23	40	43	83	57	63	120
Total (a)	6	12	2	14	23	30	53	65	48	113	100	80	180
b) Fruits													
Training and Pruning													

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
Layout and Management of Orchards													
Cultivation of Fruit	1	2	1	3	1	-	1	8	18	26	11	19	30
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits	1	5	-	5	-	-	-	6	19	25	11	19	30
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)	2	7	1	8	1	0	1	14	37	51	22	38	60
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
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													

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
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													
Poultry Management	1	-	-	-	-	-	-	-	30	30	-	30	30
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies	1	-	13	13	-	-	-	-	17	17	-	30	30
Production of quality animal products													
Others	1	-	5	5	-	2	2	-	23	23	-	30	30
Total	3	0	18	18	0	2	2	0	70	70	0	90	90
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	-	-	-	-	-	-	-	30	30	-	30	30
Design and development of low/minimum cost diet	1	-	29	29	-	-	-	-	1	1	-	30	30
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition	3	-	37	37	-	20	20	-	33	33	0	90	90
Women empowerment													
Location specific drudgery reduction technologies	2	-	22	22	-	-	-	-	38	38	-	60	60
Rural Crafts													
Women and child care													
Others	1	-	-	-	-	-	-	-	30	30	-	30	30
Total	8	0	88	88	0	20	20	0	132	132	0	240	240
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems	1	-	-	-	18	12	30	-	-	-	18	12	30
Use of Plastics in farming practices	1	-	-	-	-	-	-	14	16	30	14	16	30
Production of small tools and implements	1	4	1	5	7	2	9	10	6	16	21	9	30

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
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology	3	20	5	25	30	5	35	30	0	30	80	10	90
Others													
Total	6	24	6	30	55	19	74	54	22	76	133	47	180
VII. Plant Protection													
Integrated Pest Management	6	12	45	57	1	2	3	51	69	120	64	116	180
Integrated Disease Management	1	-	-	-	-	-	-	13	17	30	13	17	30
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total	7	12	45	57	1	2	3	64	86	150	77	133	210
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													
Apiculture													

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
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development	1	4	1	5	7	2	9	10	6	16	21	9	30
Group dynamics	1	-	-	-	-	-	-	13	17	30	13	17	30
Formation and Management of SHGs	1	-	-	-	18	12	30	-	-	-	18	12	30
Mobilization of social capital	1	2	9	11	4	4	8	7	4	11	13	27	30
Entrepreneurial development of farmers/youths	2	0	0	0	28	3	31	14	15	29	32	18	60
WTO and IPR issues	1	3	3	6	4	0	4	15	5	20	22	8	30
Others	1	1	-	-	-	-	-	-	13	17	30	13	17
Total	8	10	13	22	61	21	82	59	60	123	149	104	227
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
XII. Others (Pl. Specify)													
GRAND TOTAL	**49**	**84**	**200**	**284**	**214**	**116**	**330**	**308**	**532**	**840**	**606**	**848**	**1454**

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	9	-	9	-	-	-	6	-	6	15	-	15
Training and pruning of orchards	1	5	1	6	1	-	1	8	-	8	14	1	15
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production	1	7	0	7	1	5	6	1	1	2	9	6	15
Production of organic inputs	1	5	3	8	1	1	2	2	3	5	8	7	15
Planting material production													
Vermiculture	1	3	-	3	-	1	1	5	6	11	8	7	15
Mushroom Production	1	3	4	7	-	2	2	3	3	6	6	9	15
Beekeeping	1	3	8	11	-	-	-	2	2	4	5	10	15
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition	2	-	20	20	-	-	-	-	10	10	-	30	30
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													

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
Rural Crafts	1	7	0	7	1	5	6	1	1	2	9	6	15
Production of quality animal products													
Dairying	1	5	1	6	1	-	1	8	-	8	14	1	15
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total	**11**	**47**	**37**	**84**	**5**	**14**	**19**	**36**	**26**	**62**	**88**	**77**	**165**

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	1	3	3	6	1	0	1	6	2	8	10	5	15
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
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													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization	2	16	10	26	6	2	8	10	6	16	32	18	50

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	2	24	12	36	8	2	10	4	0	4	36	14	50
Management in farm animals													
Livestock feed and fodder production													
Household food security	2	1	6	7	8	7	15	1	27	28	10	40	50
Other	2	6	1	7	8	7	15	27	1	28	40	10	50
Total	**9**	**50**	**32**	**82**	**31**	**18**	**49**	**48**	**36**	**84**	**129**	**86**	**215**

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

H) Vocational training programme 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 else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Mush room	Mush room Culti vatio n	Mushro om Cultivat ion	5	16	14	30				
Millet	Value additi on	Millet Cultivat ion and value added product	5	11	19	30				
Biofe rtilize r	Biofe rtilize r	Bioferti lizer product ion	5	16	14	30	NF produ cts	1	2	-

		technology in field crops								
Rice	Seed production	Seed production technology in rice	5	14	16	30	Seed production of rice	1	2	-
Allied Sector	ICT in Agriculture	Application of Different ICT tools in Agriculture	5	15	15	30	-	-	-	-
Farm Mechanization	Repair and maintenance of farm machinery and implements	Maintenance of Tractor, power tiller & Seed drill	5	15	15	30	Farm machinery hub	1	7	2

*training title should specify the major technology /skill transferred

b) Details of participation

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**
Crop production and management													
Commercial floriculture													
Commercial fruit production													
Commercial vegetable production													
Integrated crop management													
Organic farming													
Other	1	11	8	19	0	0	0	5	6	11	16	14	30
Total	1	11	8	19	0	0	0	5	6	11	16	14	30
Post harvest technology and value addition													
Value addition	1	3	7	10	0	1	1	8	11	19	11	19	30

Other													
Total	1	3	7	10	0	1	1	8	11	19	11	19	30
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,	1	8	7	15	0	2	2	8	5	13	16	14	30
biofertilizers etc.													
Repair and maintenance of farm machinery & implements	1	10	9	19	-	-	-	6	5	11	14	16	30
Rural Crafts													
Seed production													
Sericulture													
Mushroom cultivation	1	11	8	19	0	0	0	5	6	11	16	14	30
Nursery, grafting etc.													
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para-vet training													
Other													
Total	3	29	24	53	0	2	2	19	16	35	46	44	90
Agricultural Extension													
Capacity building and group dynamics													
Other	1	4	6	10	0	1	1	8	12	20	12	18	30
Total	1	4	6	10	0	1	1	8	12	20	12	18	30
Grand Total	**6**	**46**	**45**	**92**	**0**	**4**	**4**	**40**	**45**	**85**	**86**	**94**	**180**

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/RY/EF			
1	Training on methods of bio inputs preparation	Natural farming	July	2	RY AND F & FW	2	80	ATARI, KOLKATA
2	Vermicompost procuction	Vermicomposting	June	3	RY	1	40	ASCI(RPL)

b) Details of participation

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**
Crop production and management													
Increasing production and productivity of crops													
Commercial production of vegetables													
Production and value addition													
Fruit Plants													
Ornamental plants													
Spices crops													
Soil health and fertility management	2	-	1	1	22	14	36	14	29	43	36	44	80
Production of Inputs at site													
Methods of protective cultivation													
Other (Vermicomposting)	1	12	4	16	1	4	5	11	8	19	24	16	40
Total	3	12	5	17	23	18	41	25	37	62	60	60	120

Post harvest technology and value addition													
Processing and value addition													
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	**3**	**12**	**5**	**17**	**23**	**18**	**41**	**25**	**37**	**62**	**60**	**60**	**120**

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	4	101	59	160	83.5	2	2	4	103	61	164
Kisan Mela	6	81	109	190	89	4	2	6	85	111	196
Kisan Ghosthi	2	10	41	51	86	1	1	2	18	42	60

Exhibition	5	76	49	125	81	8	2	10	84	51	135
Film Show	31	302	168	470	86	5	4	9	307	172	479
Method Demonstrations	16	155	125	280	92	2	2	4	157	127	284
Farmers Seminar	4	40	70	110	84.5	2	2	4	42	72	114
Workshop	2	11	39	50	91	1	1	2	12	40	52
Group meetings	10	63	98	161	90	1	1	2	64	99	163
Lectures delivered as resource persons	18	417	235	652	93	4	3	7	421	238	659
Advisory Services	47	122 831	127 652	250 483	90	271	58	329	123 102	127 710	250 812
Scientific visit to farmers field	132	313	385	618	95	10	7	17	323	392	715
Farmers visit to KVK	248	369	670	103 9	84	52	15	67	421	685	110 6
Diagnostic visits	68	148	124	272	83	9	5	14	157	129	286
Exposure visits	6	91	76	167	80	4	2	6	95	78	173
Ex-trainees Sammelan											
Soil health Camp	2	21	32	53	83	1	1	2	22	33	55
Animal Health Camp	2	169	181	350	90	2	0	2	171	181	352
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings	1	0	40	40	68	0	1	1	0	41	41
Mahila Mandals Conveners meetings	3	0	90	90	90	1	2	3	1	92	93
Celebration of important days (specify)	5	117	129	246	85	3	2	5	120	131	251
Sankalp Se Siddhi											
Swatchta Hi Sewa	24	350	370	720	82				350	370	720
Mahila Kisan Divas	1	0	40	40	72	0	1	1	0	41	41
Any Other (Specify)											
Total	**637**	**125 665**	**130 782**	**256 367**	**1878**	**383**	**114**	**497**	**126 055**	**130 896**	**256 951**

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	7
Radio talks	2
TV talks	2
Popular articles	-
Extension Literature	1500
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
Mustard	Pant Shweta	0.3	1800			3	6			3	6
Rice	Hasanta	90.0	270000(Ap.)	-	-	-	-	-	-	-	-
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	Ritu, 6099, Tetris, Lucky, 1522, Kimaya, Suhasini	17070	21337	-	-	8	4	2	-	10	4
Cabbage	Rare Ball, Blue Joy, Green Express, T-621, Elite, Green Star	14090	17610	1	-	6	7	1	-	8	7
Tomato	Laxmi,3150,Chiranjeevi, Kausal, Maya, Krishna	26600	33250	1	-	9	2	1	1	11	3
Brinjal	Dhaban,Akshita, Blue Star, VNR-305,212,218,JK-8031, KSP-1542, K-999	31400	39250	1	-	11	3	-	1	12	4

Chilli	Kalash BSS-670, VNR-377, Klika, Bhabana, SVHA-5033	26400	33000	1	-	10	5	-	-	11	5
Onion											
Capsicum	California Wonder	1200	3000	-	1	8	2	1	-	9	3
Drumstick	ODC-3	300	4500	1	1	3	1	2	-	6	2
Fruits											
Mango											
Guava											
Lime											
Papaya	Red lady	1100	27500	2	-	17	7	-	-	19	7
Banana											
Others											
Ornamental plants											
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Others, pl. specify											
Total		118160	179483								

Good quality photographs of planting materials:

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted							
			SC		ST		Other		Total	
			M	F	M	F	M	F	M	F
Bio-fertilizers	300	6000	7	5	3	2	2	1	12	8
Bio-pesticide										
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: N.A.

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	Maximizing Productivity and Profitability of Rice through Crop Establishment Methods and Weed Management Practices in Winter Rice-Garden Pea Relay Cropping System	Sameeron Bhattacharjya , Jayanta Deka , Khagen Kurmi , **Surajyoti Pradhan** Prem Kumar Bharteey, Rituparna Saikia Sanjib Ranjan Borah, Sontara Kalita, Sanjay Borthakur and Bonti Gogo	Journal of Experimental Agriculture International Volume 46, Issue 11, Page 201-218, 2024; Article no.JEAI.126560 ISSN: 2457-0591 (Past name: American Journal of Experimental Agriculture, Past ISSN: 2231-0606)	-
Seminar/conference/ symposia papers	-	-	-	-
Books	-	-	-	-
Bulletins	-	-	-	-
News letter	1	500	-	-
Popular Articles	-	-	-	-

Book Chapter	-	-	-	-
Extension Pamphlets/ literature	Jantrika Upaya re sorisa chasa	Surajyoti Pradhan, Deepak Kumar Mohanty, Debasis Jayapuria	-	500 copy
	Panasa Parkriyakarana	B.L.Mallick & Debasis Jayapuria		500 copy
Technical reports	25	25		
Electronic Publication (CD/DVD etc.)	-	-	-	-
TOTAL	-	-	-	1500 copy

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.	International conference on building small holder climate resilience for achieving sustainable food system	1.	Dr Surajyoti Pradhan, SMS (Agronomy)	17.09.24 to 19.09.24	OUAT,BBSR
2.	International conference on building small holder climate resilience for achieving sustainable food system	1	Dr Deepak Kumar Mohanty	17.09.24 to 19.09.24	OUAT,BBSR
3.	Refresher training on Programme on promotion of Agri - Entrepreneurship among rural women	1	Mrs. Bidyutlata Mallick, Scientist (Home Science)	27.03.24 to 28.03.24	Community college, OUAT, Bhubaneswar
4.	CAFT in Harnessing Disruptive Technology in ICT for Agricultural Extension & Research	1	Mr Debasis Jayapuria, SMS (Ag Extension)	01.02.24 to21.02.24	Bihar Agricultural University, Sabour, Bhagalpur
5.	Refresher training for Scientist & SMS	1	Dr Surajyoti Pradhan, SMS (Agronomy)	27.03.24 to 28.03.24	DEE, OUAT, Bhubaneswar
6.	Refresher training for SMS and scientists of Agronomy, Soil science	1	Dr Surajyoti Pradhan, SMS (Agronomy)	12.02.24 to 13.02.24	DEE, OUAT, Bhubaneswar
7.	Zonal workshop on natural farming	1	Dr Surajyoti Pradhan, SMS (Agronomy)	16.02.24 to 17.02.24	Viswa Bharati, Sriniketan, WB
8.	Training cum exposure visit on natural farming for master trainers	1	Dr Surajyoti Pradhan, SMS (Agronomy)	18.02.24 to 22.02.24	EEI, Anand, Gujrat
9	Refresher training for Prog. Asst./Scientist/SMS/ Farm manager of horticulture discipline	1	Mr Satya Niranjan Mishra, Programme Assistant (Hort)	06.03.24 to 07.03.24	DEE, OUAT, Bhubaneswar

10	Exposure visit to IGKV, Raipur	1	Mr Satya Niranjan Mishra, Programme Assistant (Hort)	22.03.2024 to 23.04.2024	IGKV, Raipur
11.	Refresher training on big data analysis.	1	SK. Samsul Hoda, Prog. Asst. (Computer)	16.02.24 to 17.02.24	OUAT, Bhubaneswar

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

Name of farmer	Smt. Laxmi Patra
Address	Village- Teliguntha, Block- Kusumi, District- Mayurbhanj, Odisha
Contact details (Phone, mobile, email Id)	9556858215
Landholding (in ha.)	4 Acre
Name and description of the farm/ enterprise	Backyard poultry
Economic impact	She achieved an additional net income of Rs. 25000/- per rearing of a batch of 50 nos. of birds in 3 batches per year. Total additional income reached Rs.1,27,000/-. Observing the success She has taken interest for adopting the technology in mushroom cultivation
Social impact	Her success create a benchmark to the nearby villages and now she is willing to continue the enterprise in SHG mode
Environmental impact	
Horizontal/ Vertical spread	3 villages/1124 nos.of farmer & farm women
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
1.	Vegetables & Field crops	Hanging of dry fish for control of monkey	For controlling monkey attack and damage to crops and vegetables
2.	Maize	Use of coloured plastic film for avoiding parrot damage of maize & sweet corn	For controlling damage of maize, sweet corn due to parrot attack

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)
1.	O-rganic pesticides	1 ha	1000 lits	10	Y

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	PRA	Training/FLD/OFT
2	Problem Martrix	Training/FLD/OFT
3	Technology Pool	OFT

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

Sl. No	Name of the Equipment	Qty.
1.	Mrudaparikshyak	1

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
13	137	150	210	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	Training and awareness programme on soil health and management	30	2	Sarpanch, Jashipur	15	30

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

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. RAWE/ FET programme - is KVK involved? (Y/N)

No of student trained	No of days stayed
Y	ONE WEEK

ARS trainees trained	No of days stayed
N	-

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
25.01.24	Mr. Sailendra Narayan Naik Joint Director, soil conservation & WD, Odisha	Campus visit & Green-Ag programme of Watershed
19.02.24	Prof. Pravat Kumar Raul Honorable Vice Chancellor, OUAT	Review of KVK activities
01.03.24	Dr. Dayaram (Ex-Professor & HOD, Microbiology, RPCAU,PUSA, Samastipur, Bihar	Training programme on value addition of oyster mushroom & campus visit
22.03.24	Prof. P. J. Mishra, DEE, OUAT	13th SAC meeting
28.06.24	Er. Ganesh ram Singh Khuntia, Minister of Forest, Environment & Climate Change, Labour & ESI	Visited KVK and review KVK activities

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)
Mushroom Cultivation	384	78	29500/year	54000/year
Wilt tolerant Tomato Variety	79	67	28750/acre	47845/acres
Rearing Improved Poultry in Backyard	554	90	8640/20 nos. of bird	22560/ 20 nos. of birds
Seed-cum-Fertilizer drill	91	40	19250/year	88700/year
Value addition	140	65	4500/year	8560/year

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
Off season Cauliflower	190 ha
Paddy Straw& oyster Mushroom Cultivation	210 nos. of villages
Poultry	245nos. of villages
Seed-cum-fertilizer drill	1940 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
1	Demonstration on Zinc application in lowland rice	Appreciated due to control due to application in low land	49 ha
2	Management of FAW in maize	Appreciated due to control of FAW and more yield	256 ha
3	Management of Red Spider mite in Brinjal	Appreciated due to control Red Spider mite causing less damage to Brinjal crop.	47 ha
4	Management of BPH in Rice	Decrese in infestation due to scouting and diagnostic field visit	84 ha

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
NRRI, Cuttack	Training
CTCRI, Bhubaneswar	------
CSISA, Odisha hub	Training, Demonstration
ATMA, Mayurbhanj	Training, Extension Activities, Demonstration, Farmer's-scientist interaction, farmer's fair, ATMA activities, Field day
NGOs of Mayurbhanj district	Training, Extension Activities, Demonstration, Farmer's-scientist interaction, farmer's fair
OIIPCRA, Mayurbhanj district	
Odisha Millet Mission, Mayurbhanj	Training, Extension Activities, Demonstration
Mission Shakti, Odisha	Training
Line departments of Mayurbhanj district	Training, Extension Activities, Demonstration, Farmer's-scientist interaction, farmer's fair, ATMA activities, Field day
AICRP on UAE, ESA, Maize, AICRN on potential crops, OUAT	Demonstration
NRRI, Cuttack	Training

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/ breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Mushroom unit	2014	24	V.volvacea , P.Sajarkaju	Mushroom	120kg	7500	12000	Mushroom unit
2.	Poultry	2015	18	Rainbow rooster	21 days chicks	1100	72000	93500	Poultry
3.	Vermicompost	2014	15	African Earthworm	Compost &Vermi	1500 kg and 1 kg	11200	36000	Vermicompost
4.	Poly house	2016	24	-	Seedling	118160 nos.	82360	179483	Poly house
5.	Azola unit	2018	18	-	Azolla	-	-	-	Azola unit
6.	Kitchen Garden	2013	320	Vegetables	Vegetables	120kg	3700	6000	Kitchen Garden
7.	Harbal Garden	2018	160	Medicinal Plant	Medicinal Plant	-		-	Harbal Garden
	Total						176760	328483	

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	28.07.2023	24.12.2023	3	Pratikshya	FS	90.2	1,84,645	3,21,292	Credit bill pending

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermicompost	1700	5000/-	34000/-	

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	Rainbow rooster	21 days	1100	72000	93,500	

6.5. Utilization of hostel facilities : N.A.

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 : N..A.

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
1	SBI	Jashipur	39467589642
2	SBI	Jashipur	32417757765

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

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) : N.A.*

Item	Released by ICAR		Expenditure		Unspent balance as on 1st 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	1,20,000	1,20,000	1,20,000
3	Contingencies	7,50,000	7,48,800	7,48,800
A	TSP	15,00,000	15,00,000	15,00,000
B	HRD	20,000	20,000	20,000
C				
D				
E	TSP	2,60,000	2,58,000	2,58,000
F	Natural Farming	70,000	68,800	68,800
G	CoE FPOs	72,000	72,000	72,000
H	PM Kisan Programm	15,000	14,443	14,443
I				
J	Swachhta Expenditure	32,000	30,800	30,800
TOTAL (A)				
B. Non-Recurring Contingencies				
1	IFS Unit	6,50,000	6,50,000	6,50,000
2	Lib	10,000	10,000	10,000
3				
4				
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2020-21	1,54,668.70	2,90,516.50	3,54,557.60	90,277.60
2021-22	90,227.60	64,6837	34,9102	23,0174
2022-23	2,30,171.60	19,5517	31,3076	2,84,390.60
2023-24	2,84,390.60	1,59,192	2,54,008.50	3,89,574.10
2024-25	1,85,570.10	7,00,801	4,59,635	3,26,736.10

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
Climate resilience in Agriculture	2	Rabi	PD, Watershed	Yes	Yes

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)
FAW	Maize	July	270	57	Need based PP chemicals, advisory
BPH	Paddy	October	33	18	Need based PP chemicals, advisory

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 : N.A.

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	12	74,848
Livestock	7	21,907

Fishery	0	
Weather	8	22,428
Marketing	-	-
Awareness	11	58,520
Training information	3	27,428
Other	6	45,352
Total	47	2,50,483

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	*96*
2.	No. of farmers registered in the portal	*6409*
3.	Mobile Apps developed by KVK	*Nil*
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
17.09.24	Ek Ped Maa ke Naam
18.09.24	Engagement with school children on Essay Writing
19.09.24	Cleaning Village at Begunia & Askipal
20.09.24	Waste Mushroom bed using in vermicompost
21.09.24	Cleaning demo unit and office building
22.09.24	Cleaning office surrounding
27.09.24	Cleaning public place at Ram thirtha

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office	-	-
2. Basic maintenance	1	7900
3. Sanitation and SBM	8	4000
4. Cleaning and beautification of surrounding areas	16	6900
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	4	1808
6. Used water for agriculture/ horticulture application	31	9442
7. Swachhta Awareness at local level	1	-
8. Swachhta Workshops	1	-
9. Swachhta Pledge		
10. Display and Banner	2	650
11. Foster healthy competition	1	1300

12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	24	-
14. No of Staff members involved in the activities	18	-
15. No of VIP/VVIPs involved in the activities	-	-
16. Any other specific activity (in details)	-	-
Total	107	32000

9.6. Observation of National Science day - NA

Date of Observation	Activities undertaken

9.7. Programme with Seema Suraksha Bal/ BSF- NA

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school - NA

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 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	1	1	40	0	0

Please provide good quality photographs:

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1	Bhaktabandhu Chattar	Tilusahi/Raruan ,7894221700	IFS
2	Bimala Mohanta	Tangabila/Tangabila/Jashipur, 6372829887	Mushroom cultivation
3	Debananda Pingua	Askipal /Teranti/Sukuruli ,9437798093	Integrated farming
4	Subasa Mohanta	Goili/Jashipur 9078009430	Millet Cultivation
5	Pramila Setty	Kaptira/Matiagarh/Jashipur/ 6370391409	Organic Pesticide

9.13. Revenue generation-N.A.

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

9.14. Resource Generation:N.A

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 : N.A.

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
ODISHA	Mayurbhanj	Untimely rain	1	30	A detailed crop contingent plan was prepared to mitigate the

					consequences of untimely rain in Jashipur

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

a) Year:
b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						
Experiment 3						
…	NA					
..						
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.	70	73	1750	1994
	1.2	4-10 days	No.	6	6	180	180
	1.3	2-4 weeks	No.				
	1.4	More than 4 weeks	No.				
2	**On Farm Trials (OFTs)**		No.	8	8	56	252
3	**Front Line Demonstrations (FLDs) and other demonstrations**		No.	18	18	420	420
4	**Awareness camps, exposure visits etc.**		No.				
5	**Input Distribution**						
	5.1	Seeds (Field Crops)	Tonnes	0.9	0.42	80	82
	5.2	Seeds (High Value Crops, spices etc.)	kg				
	5.3	Seeds (Root & Tuber Crops)	tonnes				
	5.4	Nursery plants	No.	100000	121565	547	521
	5.5	Cutting , slips, suckers, etc	No.				
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets	2000	750	67	67
	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.	2390	1490	239	149
	5.11	Fish Spawns/ fingerlings	No.				
	5.12	Small equipment's (upto Rs 2000)	No.	335	335	115	115
	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	2.0	1.8	24	24
	5.21	Soil amendments (Gypsum, lime etc.)	tonnes				
	5.22	Plant protection chemicals	kg	8 lit	8 lit	20	20
	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.	110	104	126	186
	6.5	Promotion of agri-entrepreneurship	No.	10	8	8	8
	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.	2000	1000	2000	1000
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) T.A.**		Rs. 4500/-	Rs. 4500/-	30	30

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) – N.A.

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

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
1	-	-	-	-	-

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1.	Best Women Entrepreneur	Mrs. Pramila Sethi	2024	OUAT, Bhubaneswar	-	-
2.	Best Lady Farmer	Mrs. Pramila Sethi	2024	Regional Agricultural Fair	-	-

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	Pond based IFS	1	Initially established	Initially established	Initially established	Initially established	Initially established

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)
28.06.24	Er. Ganesh ram Singh Khuntia	Minister of Forest Environment, Climate Change, Labour & ESI	Appreciated the work of KVK

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		
Vermicomposting	Mrs. Bidyutlata Mallick	11.06.24	13.06.24	1	4	11	8	12	4	Y	84000



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)

PHOTOGRAPHS

		
OFT on irrigation scheduling in growth and yield of Mustard	**OFT on non-ragi millet crops for diversification of millet production system**	**OFT on paddy straw mushroom (V. volvacea) using crumbled straw**
		
FLD on weed management in maize	**FLD on high yielding Pointed gourd variety – Swarna Aloukik in trellis system**	**FLD on Integrated management of wilt complex of Brinjal**
		
F&FW Training	**TSP Activity on Mushroom**	**Demo on DSR under TSP**
		
Demo on Natural Farming	**Training of RY**	**Training of IS**
		
Kisan Mela	**Animal Health Camp**	**Swatchhata Abhiyan**