ANNUAL REPORT 2023 (January-December 2023)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Kandhamal At-Srirampada Po-G. Udayagiri Dist-Kandhamal Pin-762100 (Odisha)	06847-260707		kvkkandhamal.ouat@gmail.com kvk.kandhamal@ouat.ac.in

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, Bhubaneswar	0674-2397362		deanextensionouat@yahoo.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Narayan Bar	-	8917575257	barnarayan@gmail.com

1.4. Year of sanction of KVK: 1993

1.5. Staff Position (**as on 1st January, 2023**)

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. Narayan Bar	Sr. Scientist & Head	Agril. Ext	92,500/-	08.04.2010	Permanent	
2	Subject Matter Specialist	Dr. Sidhartha Kar	Scientist	Horticulture	84,700/-	01.10.2009	Permanent	
3	Subject Matter Specialist	Sri Sujit Kumar Mukhi	Scientist	Soil Science	84,700/-	23.10.2009	Permanent	
4	Subject Matter Specialist	Ms Sripali Pradhan	SMS	Agronomy	65,000/-	13.06.2018	Permanent	
5	Subject Matter Specialist							
6	Subject Matter Specialist							
7	Subject Matter Specialist							
8	Programme Assistant	Ms Sumitra Hembram	P.A. (Tech.)	Home Science	41,100/-	09.08.2018	Permanent	
9	Computer Programmer	Sri Dibyasingh Pradhan	PA (Computer)	Computer Science	47,600/-	01.08.2022	Permanent	
10	Farm Manager							
11	Accountant / Superintendent							
12	Stenographer	Sri Pabitra Mohan Pradhan	Jr. Steno-cum-Computer Operator	-	31,400/-	29.07.2015	Permanent	
13.	Driver	Sri Maheswar Pradhan	Driver-cum-Mechanic	-	26,800/-	13.02.2014	Permanent	
14.	Driver	Sri Gopal Pradhan	Driver-cum-Mechanic	-	26,800/-	20.07.2015	Permanent	
15.	Supporting staff	Sri Aparti Chhatoi	Peon-cum-Watchman	-	25,000/-	28.07.2008	Permanent	
16.	Supporting staff	Sri Arjuni Charan Swain	Peon-cum-Watchman	-	25,000/-	02.08.2008	Permanent	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.28
2.	Under Demonstration Units	0.04
3.	Under Crops	6.76
4.	Orchard/Agro-forestry	2.86
5.	Others with details	
	RWHS/Agriculture	0.94
	Waste Land, Road	6.24
	Total	**17.12**

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					√		Use	
2.	Farmers Hostel					√		Use	RKVY
3.	Staff Quarters (6)								
4.	Piggery unit								
5	Fencing					√		Use	RKVY
6	Rain Water harvesting structure								
7	Threshing floor					√		Use	ICAR
8	Farm godown								
9.	Dairy unit								
10.	Poultry unit					√		Use	RKVY
11.	Goatary unit								
12.	Mushroom Lab					√		Use	RKVY
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab					√		Use	ICAR
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 (Mahindra)	2022-23	815235	9820	Running
Tractor (Mahindra 475 DI – Bhumiputra)	2004-05	3,74,223/-	-	Running
Bike (Hero Honda Passion Pro)	2009-10	49,965/-	60,442	Running

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Soil Testing Laboratory	2004-05	8,56,808.00	Working condition	ICAR
Mushroom Spawn Production Unit	2010-11	2,50,000.00	Working condition	RKVY
b. Farm machinery				
Agrimate power mist blower	2016-17	8,400	Working condition	ICAR
Hydraulic Trolley	2016-17	1,30,000	Working condition	ICAR
Land Leveler	2016-17	15,480	Working condition	ICAR
Hedge cutter	2016-17	15,835	Working condition	ICAR
Power Tiller	2016-17	1,93,000	Working condition	ICAR
Power weeder	2020-21	50,000	Working condition	Biotech KISAN
Poultry Hatcher	2020-21	78,800	Working condition	Biotech KISAN
c. AV Aids				
Ahuja Conference Audio System	2017-18	92,135	Functioning	ICAR
Panasonic LED TV (42')	2018-19	42,000	Functioning	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
MB plough	2016-17	25,000	Working condition	ICAR
Soil Auger	2016-17	48,300	Working condition	ICAR
Seed cum fertilizer drill	2016-17	55,000	Working condition	ICAR
Battery operated sprayer(2nos.)	2015-16	10,650	Working condition	ICAR
Cultivator	2006-07	5,630	Working condition	ICAR
Rotavator	2006-07		Working condition	ICAR

1.8. Details of SAC meeting* conducted in the year

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	04.02.2023	40	Given below at Agenda-2	Given below at Agenda-2	

** Salient recommendation of SAC in bullet form*
Attach a copy of SAC proceedings along with list of participants

PROCEEDINGS OF THE 27th SCIENTIFIC ADVISORY COMMITTEE MEETING OF KVK KANDHAMAL, G.UDAYAGIRI HELD ON 04.02.2023

The 27th Scientific Advisory Committee meeting of KVK, Kandhamal was held on 04.02.23 at 11.00 am in the training hall of KVK, Kandhamal. The meeting was conducted under the Chairmanship of Prof. S. Mishra, Department of Animal Nutrition, OUAT, Bhubaneswar. Dr. Avijit Haldar, Principal Scientist, ICAR-ATARI, Zone-V, Kolkata and Dr. H.K Sahoo, Dy. Director Extension Education, OUAT, Bhubaneswar were also present in this meeting. The other members present in the meeting is annexed herewith.

At the outset, Dr. Narayan Bar, Senior Scientist and Head, KVK, Kandhamal after a brief welcome to the Hon'ble members requested the Chairman and other dignitaries to inaugurate & conduct the SAC meeting. After brief introductory remarks, the Chairman asked the Senior Scientist and Head, KVK, Kandhamal to start the proceedings as per the agenda.

AGENDA -1- APPROVAL OF THE PROCEEDING OF LAST SAC MEETING

The Senior Scientist and Head appraised that the proceeding of the last SAC meeting was circulated to all the members. He also presented the proceedings in brief. The Chairman approved the proceeding after taking consent of the members.

AGENDA 2 – ACTION TAKEN ON THE PROCEEDING OF LAST SAC MEETING HELD ON 21.01.2022

Sl. No.	Recommendations	Activities taken
1	Demonstration on Paddy Straw Mushroom production technology	Demonstration conducted in 3 villages of Penala and G. Udayagiri blocks covered 62 nos. of beneficiaries. Total numbers of bed 382, production per bed 1.92 kg. Total production was 7.34 qtl.
2	Demonstration on Onion varieties	1. Demonstration on Onion varieties ALR, ADR, A. Niketan has been conducted in 4nos. of villages (Mundakanga, Sujeli, Kurmingia, Malarimaha), 10 nos. of progressive farmers benefited under the programme 2. Training programme on INM, IPM & IDM provided to the beneficiaries.
3	RE- linkage meeting	Regularly Conducted RE-linkage meeting involving all the line departments.
4	Pond based farming system	OFT on assessment of Horticulture based farming system conducted in 1.45 ha with 9 nos. of farmers in 5 villages

		(Retudi, Tameribadi, Gandhari bhuin, Latedi, Bakingia) with components such as Papeya, Drumstick, Banana, Vegetables (Runner bean, Garden peas & Summer Tomato)
5	Technologies developed by DLAP, Phulbani	Demonstration on organic nutrient management in Maize + Cowpea (2:2) intercropping system conducted in 3 villages in an area of 1.00 ha covering 10 nos. of beneficiaries. The net income increased to Rs.53083/- with intercropping whereas the net income of Rs.35401/- was recorded under sole maize cropping.
6	Value addition of tender Jackfruit	Assessment of processing and packaging methods of tender Jackfruit will be conducted during the month of February 2023 and 3 nos. of training programme imparted to 75 nos. of beneficiaries for processing and packaging of tender Jackfruit.
7	Demonstration on performance of Micro nutrient fertilizer on vegetables	Demonstration of micro nutrient application on vegetables viz Cabbage, Cauliflower & Garden peas conducted in 5 villages in an area of 7.5 ha covering 83 beneficiaries.
8	Trial on performance of different Coffee varieties	Awareness and capacity building programme under taken in 7 nos. of villages covering 210 nos. of beneficiaries.
9	Different black pepper varieties	Due to non-availability of sapling, the programme was not possible to conduct, only training programme has been imparted in 3 villages covering 75 nos. of beneficiaries. This programme may be conducted when sapling is available.
10	Performance of different date of sowing of Raikia bean	Testing on showing date of Raikia bean such as on June (Kharif) and on Oct-Nov (Rabi) done under IHFS programme. It was observed that Kharif runner beans planted on June have 60% more yield i.e 120 qtl/ha than Rabi showing.
11	Popularizing of Kadaknath poultry and dockery farming	Demonstrated 3 improved varieties of poultry Chicks (Kadaknath, Kaling Brown and Sonali) in deferent villages. 3020 nos. of chicks distributed and 201 nos. of beneficiaries benefited.
12	Assess the performance of different exotic fruit crops	Exotic fruit such as Apple ber, Dragon fruit, Apple, Straw berry and Nagpur Orange planted in KVK instructional farm for assessment

AGENDA 3 – ACHIEVEMENT MADE BY THE KVK

The Senior Scientist and Head presented the overall achievements made by KVK, Kandhamal during Rabi 2021-22 and Kharif 2022.

1. **Training** –KVK has conducted 94 training programmes for 2350 numbers of practicing farmers and farm women, 08 for rural youths involving 120 participants & 03 nos for extension functionaries involving 45 participants during Rabi 2021-22 and Kharif 2022.
2. **Front Line Demonstration** – KVK conducted 22 numbers of Front-Line Demonstrations during Rabi 2021-22 and Kharif 2022 on the thematic areas of INM, IWM, Organic farming, Varietal evaluation, Optimum land utilization methods, Farm implements & machineries, Drudgery reduction, Nutritional security and Small-scale income generation activities in 15.4 ha area involving 264 participating farmers/farm women. Under Tribal Sub-Plan (TSP), KVK has conducted three (03) numbers of FLDs on ICM of Cabbage, Cauliflower and Garden Pea covering a total area of 10 ha.

3. **On Farm Trial**: A total of 10 nos. of On Farm Trials (OFTs) were conducted during Rabi 2021-22 and Kharif 2022 on the thematic areas of INM, Varietal evaluation, IWM, Crop establishment method, Farm implements & machineries and Small-scale income generation activities involving 62 numbers of practicing farmers.

4. **Extension Activities**: KVK also conducted various extension activities viz.12 numbers of field days, one Kissan Mela, 03 Exhibitions, 20 CD Film shows, 03 Ex-trainees meet and several other activities like Diagnostic Field Visits & KMAS, publication of literature & news-letters, 02 numbers of Soil health campaigns, Celebration of special days like Plantation Programme under Azadi ka Amrit Mahotshav, Agril. Education Day, Jai Kisan Jai Vigyan, Mahila Kisan Divas, Women in Agriculture Day, World Food Day, World Meteorological Day, Poshan Abhiyan & Plantation Programme, Jal Shakti Abhiyan, World Soil Day and 02 numbers of farmers-scientist interactions etc.

AGENDA 4 – PRESENTATION OF ACTION PLAN FOR 2023-24

The Senior Scientist and Head presented the detailed Action Plan developed by KVK for the year 2023-24 based on the Survey analysis, secondary information available**,** recommendation from the R-E linkage meetings and suggestions from the previous SAC meeting**.**

1. **Training** – KVK has proposed to conduct 60 numbers of training programmes for 1500 practising farmers and farm women, 20 trainings for Rural youths involving 300 participants, 8 number of trainings for 120 numbers of extension functionaries and 03 numbers of vocational trainings for 15 numbers of participants during 2023-24.
2. **Front Line Demonstration** – KVK has planned for conducting 19 numbers of Front-Line Demonstrations during 2023-24 on the thematic areas of INM, ICM, IWM, IPDM, Crop establishment methods, Varietal substitution, Drudgery reduction, Use of farm machineries, small scale income generating activities and value addition.
3. **On Farm Trial**: A total of 10 nos. of On Farm Trials (OFTs) are proposed to be conducted during 2023-24 on INM in maize and mustard, Horti-Based Farming System Model, varietal evaluation of Onion and sweet corn, IWM in direct seeded rice, in-situ soil moisture conservation methods in tomato-radish sequence, 8 row self-propelled rice transplanter, value added products from green mango, suitable variety and different planting time for better market price of Cauliflower involving 56 numbers of practising farmer/farm women.
4. **Extension Activities**: KVK has also proposed various extension activities such as 13 numbers of field days, 02 Kissan Melas, 04 Exhibitions, 40 CD Film shows, 03 Ex-trainees meet and several other activities like Diagnostic Field Visits & KMAS, publication of literature & newsletter, soil health campaigning, special days celebration, farmers-scientist interactions etc. during 2023-24.

AGENDA -5: CONSTRAINTS OF KVK

The Senior Scientist and Head presented the constraints of the KVK and drawn kind attention of the Chairman & member of the house. He emphasized the following constraints to be resolved for smooth functioning of the KVK.

1. Construction of new training hall
2. Construction of storage godown
3. Insufficient staff quarters
4. Lack of Irrigation channels in the farm area
5. Requirement of an LI point at the extreme east side boundary of the KVK farm

AGENDA - 6: SUGGESTIONS OF THE MEMBERS

The Chairman requested the members to comment upon the achievement and action plan & invited suggestions. The suggestions were made by the members as listed below.

1. The CDAO Kandhamal suggested assessing the performance of color oyster mushroom production in the district. He also suggested popularizing different varieties of finger millets in the districts through demonstration programme.

2. The Principal Scientist, ICAR-ATARI, Zone-V, Kolkata suggested that the technologies of RRTTS, G. Udayagiri and AICRP on DLAP should be taken under FLD programmes for wide spread of the technology. He also recommended to record the economic parameters of all the components under the IFS for which is the best components should be identified. He also recommended to promote pig farming in the district.

3. The DDE, OUAT, Bhubaneswar suggested to provide different intercultural implements to the progressive vegetable growers through different schemes for popularization of the implements in the districts. He also recommended to collect the seeds from farmers under varietal evaluation FLD/OFT and the seeds should be distributed among the farmers of other blocks.

He also recommended increasing the short duration HYV mustard demonstration areas as the mustard cultivation area is diminishing in the district. He also suggested to demonstrate small paddy transplanter operated by power tiller. He also recommended to undertake one varietal trial on potato during kharif season.

4. The Chief Scientist, DLAP suggested that, KVK should take initiatives for establishment of pond-based farming system model by targeting the Farm Pond beneficiaries. He also advised to spread the technologies developed by DLAP, Phulbani by the KVK through various activities.

5. The ADH, Kandhamal suggested that, KVK needs to emphasize on value addition of tender jack fruits and should assess the performance of different exotic fruit crops in the district. He also suggested that, KVK should increase the spawn production activity as mushroom growers in the district are increasing.

6. The CDVO, Kandhamal emphasized that KVK should take steps for popularizing Kadaknath poultry breed in the district through demonstration programme. He also suggested that, KVK should organize the awareness programme for popularization of pig farming by involving the farm pond beneficiaries.

7. The ADR, RRTTS, G. Udayagiri suggested that, KVK needs to carry out the trial on performance of different date of sowing of raikia bean. He also suggested to popularize the OUAT release maize hybrid variety in the district.

CHAIRMAN'S REMARKS

- KVK should popularize the food processing and value addition of different agri products in the district.
- As the farmers of the district getting low income in the rainfed farming so KVK should initiate to increase their income through the interventions like poultry rearing, goat farming, mushroom cultivation etc.,
- KVK should include the line departments in all the activities and proper documentation should be recorded.
- KVK should increase the capacity building on spawn production in the district and necessary linkage to be made for creating entrepreneurs on mushroom spawn production in the district.
- Direct demonstration of performance of different date of sowing of raikia bean with consultation with the ADR, RRTTS, G. Udayagiri.
- More emphasis should be given for popularization of Natural farming.

The meeting ended at 2.30 pm with vote of thanks given by Dr. Sujit Kumar Mukhi, Scientist (Soil Science), KVK, Kandhamal.

ANNEXURE-I

Members Present

Sl. No	NAME	DESIGNATION	REMARK
1	Prof. Sumanta Ku. Mishra	Professor, Dept. of Animal Nutrition, OUAT, BBSR	Chairman
2	Dr. Avijit Halder	Principal Scientist, ATARI, Kolkata	Member
3	Dr. H. K. Sahoo	Dy. Director of Extension, DEE, OUAT, BBSR	Member
4	Dr. Gyanalok Dash	ADR, RRTTS, G.Udayagiri	Member
5	Dr. Ayurdehi Mishra	CDAO, Kandhamal	Member
6	Mr. Basanta Ku. Panigrahi	ADO, G. Udayagiri, Kandhamal	Member
7	Ms. Archana Nayak	APD, Soil Conservation, Kandhamal O/O PD Water shade	Member
8	Ms. Ranchilata Mandangi	Asst. Fishery Officer, G. Udayagiri (O/O DFO, Kandhamal)	Member
9	Mr. Harekrushna Jena	CM, LDM, Kandhamal	Member
10	Dr. D. K. Debata	Sr. Scientist, RRTTS, G. Udayagiri	Invitee
11	Mr. Debaprasad Routray	ADH, Balidguda O/O DDH, Phulbani	Member
12	Mr. A.K Sethy	Sr. Agronomist, RRTTS, Kandhamal	Invitee
13	Dr. Debadata Sethi	Jr. Scientist (Soil.Sc), RRTTS, Kandhamal	Invitee
14	Mr. Sujit Kumar Mukhi	Scientist (Soil Sc.), KVK,Kandhamal	Member
15	Mr. Sidhartha Kar	Scientist (Horticulture), KVK,Kandhamal	Member
16	Ms. Sumitra Hembram	PA (Home Science), KVK, Kandhamal	Member
17	Mr. Prasanta Ku. Panda	Scientist, Plant Protection, Ganjam-1	Invitee
18	Dr. Siddharth Ranabijuli	Scientist, Animal Science, Ganjam-1	Invitee
19	Mr. Sunil Ku, Mallick	DPC, Mission Shakti, O/O DSWO, Phulbani	Member
20	Mr. M. R Panda	Technical Officer, O/O Chief Scientist DLAP, Phulbani	Member
21	Samson Nayak	Farmer representative, Kanbagiri, G. Udyagiri	Member
22	Paula Pradhan	Farmer representative, Katadagonda, G. Udayagiri	Member
23	Sashirekha Nayak	Farm-woman representative, Kurmingia, G. Udayagiri	Member
24	Snehalata Digal	Farm-woman representative, Kurmingia, G. Udayagiri	Member
25	Dr. Narayan Bar	Senior Scientist & Head, KVK, Kandhamal	Member Secretary

2.a. District level data on agriculture, livestock and farming situation (2023)

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice-pulses, Vegetable-vegetable, Turmeric -fallow
2	Agro-climatic Zone	North-Eastern Ghat Zone
3	Agro ecological situation	• Brown Forest Soil, High rainfall (1300 to 1500 mm), High Elevation (500 to 1000 m), rained • Red & Yellow Soil, Moderate rainfall (1100 to 1300 mm), Moderate Irrigation
4	Soil type	Red lateritic & yellowish-brown forest soil
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	**Crop** – **Productivity (kg/ha)** Rice – 2447 Maize – 1706 Blackgram – 242 Arhar – 961 Field Pea – 633 Groundnut – 1507 Niger – 312 Mustard – 305 Turmeric – 9710 Ginger – 10526 Kulthi – 358 Cabbage – 18000 Tomato – 20800 Potato – 18500 Ragi – 930
6	Mean yearly temperature, rainfall, humidity of the district	Mean yearly temperature – Min- 8° C and Max.- 38° C Rainfall – 1427.9 mm Humidity – 38 to 94 %
7	Production of major livestock products like milk, egg, meat etc.	Milk – 17.32 TMT; Eggs – 21.52 Million Broiler – 0.452 TMT; Meat – 0.399 TMT

2.b. Details of operational area / villages (2023)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	G. Udayagiri	G. Udayagiri	Katadaganda Kilakia Gotamaha Dakedi Bearpanga	Turmeric, Paddy, Maize, Groundnut, Off-season Vegetables like Cauliflower & Tomato, Cabbage, Goatary, Poultry, Mushroom	Turmeric – Low yield due to application of lower dose of organic inputs and improper crop management practices Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	Organic Farming Weed Management Soil Health & Fertility Management Pest & Disease Management Backyard Poultry and Animal Production Non-land enterprises
2	Tikabali	Tikabali	Penala, Burbinaju, Paburia	Turmeric, Paddy, Maize, Groundnut, Off-season Vegetables like Cauliflower & Tomato, Cabbage, Goatary, Poultry, Mushroom	Turmeric – Low yield due to application of lower dose of organic inputs and improper crop management practices Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	Organic Farming Weed Management Soil Health & Fertility Management Pest & Disease Management Backyard Poultry and Animal Production Non-land enterprises
3	Raikia	Raikia	Raikia, Sugadabadi, Kambarikia	Paddy, Maize, Niger, Off-season Vegetables like Cauliflower & Tomato, Raikia Bean, Cabbage, Goatary, Poultry, Mushroom	Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Niger – Low yield due to inadequate nutrient management & heavy cuscutta infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence	Weed Management Crop substitution Fruit & Vegetable Cultivation Soil Health & Fertility Management Pest & Disease Management

					Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	Backyard Poultry and Animal Production Non-land enterprises Low-Cost Production Techniques
4	K. Nuagaon	K. Nuagaon	Bandaguda, Gunjigaon, Gindapanga	Paddy, Maize, Niger, Off-season Vegetables like Cauliflower & Tomato, Raikia Bean, Cabbage, Goatary, Poultry, Mushroom	Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Niger – Low yield due to inadequate nutrient management & heavy cuscutta infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	Weed Management Crop substitution Fruit & Vegetable Cultivation Soil Health & Fertility Management Pest & Disease Management Backyard Poultry and Animal Production Non-land enterprises Low-Cost Production Techniques
5	Daringibadi	Daringibadi	Ladamaha, Daringibadi, Simanbadi	Turmeric, Ginger, Paddy, Maize, Niger, Groundnut, Off-season Vegetables like Cauliflower & Tomato, Cabbage, Goatary, Poultry, Mushroom	Turmeric – Low yield due to application of lower dose of organic inputs and improper crop management practices Ginger – Low yield due to rhizome rot Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Niger – Low yield due to inadequate nutrient management & heavy cuscutta infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	Organic Farming Weed Management Soil Health & Fertility Management Pest & Disease Management Backyard Poultry and Animal Production Non-land enterprises Marketing Awareness Farm Mechanisation

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2023) for its development and action plan

Name of village	Block	Action taken for development
Penala	Tikabali	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments
Mazagada	Chakapada	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments
Kalikheta	Tikabali	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments
Sudhipada	G. Udayagiri	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments
Tiangia	G. Udayagiri	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments

2.1 Priority thrust areas

S. No	Thrust area
1.	Soil health & fertility management
2.	Non land enterprises
3.	Soil and water conservation
4.	Crop substitution & cropping system
5.	Low cost production technique
6.	Weed management
7.	Pest & disease management
8.	Marketing awareness
9.	Dry land Farming
10.	Fruit & Vegetable Cultivation
11.	Backyard poultry rearing
12.	Processing and value addition

3. TECHNICAL ACHIEVEMENTS

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

OFT													FLD											
No. of technologies tested:													No. of technologies demonstrated:											
Number of OFTs		Number of farmers											Number of FLDs		Number of farmers									
Target	Achievement	Target	Achievement										Target	Achievement	Target	Achievement								
			SC		ST		Others		Total							SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
6	6	42	8	5	5	21	0	3	13	29	42	14	14	186	8	11	104	59	4	0	116	70	186

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
71	71	1555	74	179	487	741	50	58	611	944	5555	38	38	1138	240	122	302	362	72	40	614	524	1138

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
14	14	15	8	108	72	5	2	128	82	210	45	45	8	2	25	6	3	1	36	9	45

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
Niger-3.60	3.60	1.0	1.0
Toria -8.0	8.0		
Turmeric-140.0	140.0		

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
		0.001	0.00863

* 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							
Seminar/conference/ symposia papers							
Books							
Bulletins	1500	1500					
News letter	500	500					
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature							
Technical reports							
Electronic Publication (CD/DVD etc)	02	02					
TOTAL	2002	2002					

3.1 Achievements on technologies assessed and refined

OFT-1

<table>
<tr><td>1.</td><td>Title of On farm Trial</td><td colspan="2">Assessment of integrated nutrient management in groundnut</td></tr>
<tr><td>2.</td><td>Problem diagnosed</td><td colspan="2">Poor plant growth, less effective pod formation, poor peg development and seed filling, low quality produce due to soil acidity and improper nutrient management practices</td></tr>
<tr><td>3.</td><td>Details of technologies selected for assessment/refinement
(Mention either Assessed or Refined)</td><td colspan="2">Assessment
<table><tr><td>FP</td><td>Application of FYM @ 1.5 t /ha with average fertilizer @ 22-23-18 kg N-$P_2O_5K_2O$/ha</td></tr><tr><td>TO_1</td><td>RDF @ 20-40-40 kg N:P_2O_5:K_2O per ha + FYM @ 2 t / ha + Lime @ 0.2 LR + S @ 40 kg /ha</td></tr><tr><td>TO_2</td><td>RDF @ 20-40-40 kg N:P_2O_5:K_2O per ha + FYM @ 7 t / ha + Borax @ 15 kg /ha</td></tr><tr><td>TO_3</td><td>STBFR based N:P_2O_5:K_2O + FYM @ 2 t / ha + lime @ 0.2 LR + Seed inoculation with Rhizobium @ 20 g/kg seed</td></tr></table></td></tr>
<tr><td>4.</td><td>Source of Technology (ICAR/ AICRP/SAU/other, please specify)</td><td colspan="2"><table><tr><td>RRTTS, Mahisapat, OUAT (2010)</td></tr><tr><td>AICRP on Groundnut, OUAT (2013-14)</td></tr><tr><td>AINP on Soil Biodiversity –Biofertilizer, OUAT (2014)</td></tr></table></td></tr>
<tr><td>5.</td><td>Production system and thematic area</td><td colspan="2">Rain-fed Upland and Irrig. Upland
INM</td></tr>
<tr><td>6.</td><td>Performance of the Technology with performance indicators</td><td colspan="2">RDF @ 20-40-40 kg N:P_2O_5:K_2O per ha + FYM @ 2 t / ha + Lime @ 0.2 LR + S @ 40 kg /ha increased the pod yield by 27.6 % over FP</td></tr>
<tr><td>7.</td><td>Final recommendation for micro level situation</td><td colspan="2">RDF @ 20-40-40 kg N:P_2O_5:K_2O per ha + FYM @ 2 t / ha + Lime @ 0.2 LR + S @ 40 kg /ha</td></tr>
<tr><td>8.</td><td>Constraints identified and feedback for research</td><td colspan="2">-</td></tr>
<tr><td>9.</td><td>Process of farmers participation and their reaction</td><td colspan="2">Farmers accepted the technology due to higher yield and net income</td></tr>
</table>

Thematic area: Integrated nutrient management

Problem definition: Problem definition: Poor plant growth, less effective pod formation, poor peg development and seed filling, low quality produce due to soil acidity and improper nutrient management practices

Technology assessed:

TO_1	RDF @ 20-40-40 kg N:P_2O_5:K_2O per ha + FYM @ 2 t / ha + Lime @ 0.2 LR + S @ 40 kg /ha
TO_2	RDF @ 20-40-40 kg N:P_2O_5:K_2O per ha + FYM @ 7 t / ha + Borax @ 15 kg /ha
TO_3	STBFR based N:P_2O_5:K_2O + FYM @ 2 t / ha + lime @ 0.2 LR + Seed inoculation with *Rhizobium* @ 20 g/kg seed

Table:

Technology option	No. of trials	Yield component			Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of pods/plant	Plant height (cm)	100 kernel weight (gm)					
FP	05	11.2	44.6	31.2	11.6	33900	63800	29900	1.9
TO-1	05	14.6	52.1	37.4	14.8	36400	81400	45000	2.2
TO-2	05	13.2	47.5	34.7	13.8	36100	75900	39800	2.1
TO-3	05	14.1	50.3	36.6	14.3	35000	78650	43650	2.2

Results: RDF @ 20-40-40 kg N:P_2O_5:K_2O per ha + FYM @ 2 t / ha + Lime @ 0.2 LR + S @ 40 kg /ha increased the pod yield by 27.6 % over FP

OFT-2

1.	Title of On farm Trial	Assessment of integrated nutrient management in mustard
2.	Problem diagnosed	Poor plant growth, less silique and seed formation due to improper nutrient management practices
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment FP: Application of FYM @ 0.5 t/ha, average fertilizer @ 20.5-23-0 kg N-$P_2O_5K_2O$/ha TO_1: Application of RDF +5 t FYM + S @ 25 kg/ha and B @ 1 kg/ha TO_2: STBFR based N:P_2O_5:K_2O + FYM @ 2 t/ha + Soil application of Zn @ 5kg/ha and B @ 1kg/ha along with S @ 40 kg/ha TO_3: STBFR based N:P_2O_5:K_2O + FYM @ 2 t / ha + Biofertilizers (*Azotobacter*, *Azospirillum* and *PSB* @ 1:1:1, 4 kg each per ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Annual Report-2011-12, OUAT AICRP on Micro and Secondary Nutrients, OUAT, 2017 AINP on Soil Bio-diversity - Bio-fertilizers, Deptt. Of Soil Sc. &Agri.Chem, OUAT-2014
5.	Production system and thematic area	Irrigated Up & Medium land,Veg-Oilseed INM
6.	Performance of the Technology with performance indicators	STBFR based N:P_2O_5:K_2O + FYM @ 2 t / ha + Biofertilizers (*Azotobacter*, *Azospirillum* and *PSB* @ 1:1:1, 4 kg each per ha increased the yield of mustard by 47.8 % over FP
7.	Final recommendation for micro level situation	STBFR based N:P_2O_5:K_2O + FYM @ 2 t / ha + Biofertilizers (*Azotobacter*, *Azospirillum* and *PSB* @ 1:1:1, 4 kg each per ha
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers accepted the technology due to higher yield and net income

Thematic area: Integrated nutrient management

Poor plant growth, less silique and seed formation due to improper nutrient management practices

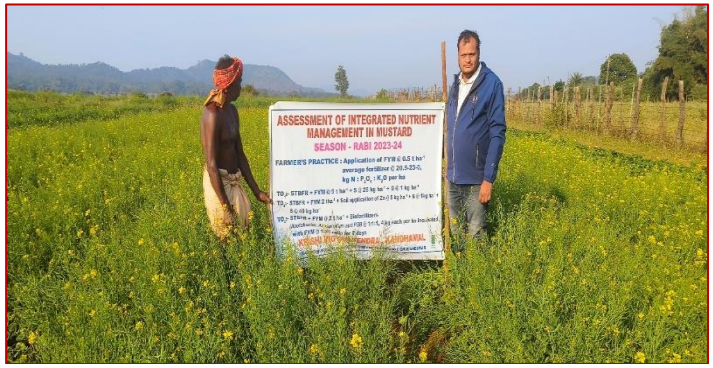
Technology assessed:

TO_1	Application of RDF +5 t FYM + S @ 25 kg/ha and B @ 1 kg/ha
TO_2	STBFR based N:P_2O_5:K_2O + FYM @ 2 t/ha + Soil application of Zn @ 5kg/ha and B @ 1kg/ha along with S @ 40 kg/ha
TO_3	STBFR based N:P_2O_5:K_2O + FYM @ 2 t / ha + Biofertilizers (*Azotobacter*, *Azospirillum* and *PSB* @ 1:1:1, 4 kg each per ha

Table:

Technology option	No. of trials	Yield component		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of siliqua/plant	Length of siliqua(cm)					
FP	05	189.6	4.37	4.6	14200	25300	11100	1.8
TO-1	05	236.8	4.49	6.2	16500	34100	17600	2.1
TO-2	05	267.3	4.63	6.8	17200	37400	20200	2.2
TO-3	05	221.9	4.40	5.4	15100	29700	14600	2.0

Results: STBFR based N:P_2O_5:K_2O + FYM @ 2 t / ha +Biofertilizers (*Azotobacter*, *Azospirillum* and *PSB* @ 1:1:1, 4 kg each per ha increased the yield of mustard by 47.8 % over FP



OFT-3

1.	Title of On farm Trial	Assessment of weed management in maize
2.	Problem diagnosed	Low yield in maize due to heavy weed infestation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment of weed management in maize FP- Hand weeding at 30 -35 DAS TO_1-Pre-emergence application of Atrazine 50% wp@ 1.5 kg ai/ha TO_2-Pre-emergence application of Atrazine @ 1.5 kg ai/ha followed by Tembotrione @ 120 g/ha as post-emergence at 25 DAS
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on Maize, OUAT-2020-21
5.	Production system and thematic area	weed management
6.	Performance of the Technology with performance indicators	

Result	Yield parameters		Yield (q/ha)	% yield increase	Cost of cultivation (Rs/ha)	Gross return (Rs/ha)	Net income (Rs/ha)	B:C ratio
	Plant height (cm)	Cob length (cm)						
FP	196.2	19.3	36.8	-	26400	60720	34320	1.3
TO_1	216.4	21.5	43.6	12.8	22500	71940	49440	2.2
TO_2	223.8	23.1	45.3	16.7	22800	74745	51945	2.3

7.	Final recommendation for micro level situation	Pre-emergence application of Atrazine @ 1.5 kg ai/ha followed by Tembotrione @ 120 g/ha as post-emergence at 25 DAS
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers are happy due to higher yield and return and show their interest for adoption of the technology

Thematic area:

Problem definition: Low yield in maize due to heavy weed infestation

Technology assessed:

FP- Hand weeding at 30 -35 DAS

TO_1-Pre-emergence application of Atrazine 50% wp@ 1.5 kg ai/ha

TO_2-Pre-emergence application of Atrazine @ 1.5 kg ai/ha followed by Tembotrione @ 120 g/ha as post-emergence at 25 DAS

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Plant height (cm)	Cob length (cm)	Cob weight (gm)						
FP	7	196.2	19.3			36.8	26400	60720	34320	1.3
TO_1		216.4	21.5			43.6	22500	71940	49440	2.2
TO_2		223.8	23.1			45.3	22800	74745	51945	2.3

OFT-4

<table>
<tr><td>1.</td><td>Title of On farm Trial</td><td>Assessment of Integrated weed management in direct seeded rice</td></tr>
<tr><td>2.</td><td>Problem diagnosed</td><td>Low productivity due to higher weed infestation in direct seeded rice, labour intensive</td></tr>
<tr><td>3.</td><td>Details of technologies selected for assessment/refinement
(Mention either Assessed or Refined)</td><td>Assessment of Integrated weed management in direct seeded rice
FP- One manual weeding at 45 DAS
TO_1- Application of pyrazosulfuron @ 20 g/ha as pre-emergence stage i.e., 0-3 DAS followed by Bispyribac sodium @ 25 g/ha as post-emergence i.e. 25 DAS
TO_2- Pre-emergence application of Pendimethalin @ 1Kg a.i/ ha followed by Bispyribac-Na @ 25 g/ ha with one hand weeding at 45 DAS</td></tr>
<tr><td>4.</td><td>Source of Technology (ICAR/ AICRP/SAU/other, please specify)</td><td>AICRP on weed management, 2014, 2015</td></tr>
<tr><td>5.</td><td>Production system and thematic area</td><td>weed management</td></tr>
<tr><td>6.</td><td>Performance of the Technology with performance indicators</td><td>
<table>
<tr><th rowspan="2">Result</th><th colspan="2">Yield parameters</th><th rowspan="2">Yield (q/ha)</th><th rowspan="2">% yield increase</th><th rowspan="2">Cost of cultivation (Rs/ha)</th><th rowspan="2">Gross return (Rs/ha)</th><th rowspan="2">Net income (Rs/ha)</th><th rowspan="2">B:C ratio</th></tr>
<tr><th>Plant height (cm)</th><th>No. of Tillers/hill</th></tr>
<tr><td>FP</td><td>105.6</td><td>9.8</td><td>28.7</td><td>-</td><td>27300</td><td>57400</td><td>30100</td><td>1.1</td></tr>
<tr><td>TO_1</td><td>114.9</td><td>11.3</td><td>32.3</td><td>12.5</td><td>24200</td><td>64600</td><td>40400</td><td>1.7</td></tr>
<tr><td>TO_2</td><td>115.8</td><td>13.6</td><td>34.0</td><td>18.5</td><td>24000</td><td>68000</td><td>44000</td><td>1.8</td></tr>
</table>
</td></tr>
<tr><td>7.</td><td>Final recommendation for micro level situation</td><td>Pre-emergence application of Pendimethalin @ 1Kg a.i/ ha followed by Bispyribac-Na @ 25 g/ ha with one hand weeding at 45 DAS</td></tr>
<tr><td>8.</td><td>Constraints identified and feedback for research</td><td>-</td></tr>
<tr><td>9.</td><td>Process of farmers participation and their reaction</td><td>Farmers are happy due to effective management of weeds and low cost of cultivation and show their interest for adoption of the technology</td></tr>
</table>

Thematic area:

Problem definition: Low productivity due to higher weed infestation in direct seeded rice, labour intensive

Technology assessed:

FP- One manual weeding at 45 DAS

TO_1- Application of pyrazosulfuron @ 20 g/ha as pre-emergence stage i.e., 0-3 DAS followed by Bispyribac sodium @ 25 g/ha as post-emergence i.e. 25 DAS

TO_2- Pre-emergence application of Pendimethalin @ 1Kg a.i/ ha followed by Bispyribac-Na @ 25 g/ ha with one hand weeding at 45 DAS

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Plant height (cm)	No. of Tillers/hill	Test weight (gm)						
FP	7	105.6	9.8			28.7	27300	57400	30100	1.1
TO_1		114.9	11.3			32.3	24200	64600	40400	1.7
TO_2		115.8	13.6			34.0	24000	68000	44000	1.8

OFT-5

1.	Title of On farm Trial	Assessment of processing and packaging methods of tender Jackfruit
2.	Problem diagnosed	Poor price realisation from sale of whole tender jackfruit
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Direct selling of whole tender jackfruit TO1-Peeling of jackfruit by knife/paniki cut into pieces and packaging in polythene TO2-Surface cleaning/dirt removal by washing, peeling and cutting into pieces. Dipping in 0.5% (w/v) citric acid and 0.1% ascorbic acid for 7 minutes, surface drying and packaging in punnet pack or PP pouch with 0.0675% perforation and refrigerated storage at 10°C
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on PHET-2016-17
5.	Production system and thematic area	Value addition
6.	Performance of the Technology with performance indicators	TO_{1-} Shelf life 1 day, discoloration TO_{2-} Shelf life 5-7 days, colour retention
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	It is a very appreciable technology
9.	Process of farmers participation and their reaction	All the farmers accepted this technology due to low cost and high return

Thematic area: *Value addition*

Problem definition: Poor price realisation from sale of whole tender jackfruit

Technology assessed:

FP- Direct selling of whole tender jackfruit

TO1-Peeling of jackfruit by knife/paniki cut into pieces and packaging in polythene

TO2-Surface cleaning/dirt removal by washing, peeling and cutting into pieces. Dipping in 0.5% (w/v) citric acid and 0.1% ascorbic acid for 7 minutes, surface drying and packaging in punnet pack or PP pouch with 0.0675% perforation and refrigerated storage at 10°C

Table:

Results	Sensory Parameter (5-point hedonic rating)	Keeping Quality	Gross income (Rs/10 Kg)	Net Income (Rs/10 Kg)	BC Ratio
FP	-	-	180/-	100/-	1.2
TO_1	4.1	1 Day	300/-	195/-	1.8
TO_2	4.8	5-7 Days	400/-	270/-	2.0

Results: Value addition of tender jackfruit gave higher net return and BC ratio over the farmer practice.

OFT-6

Assessing the performances of FPOS with varies level of task and commodity to enhance the net return.

Farmers Practice	TO1	TO2
Farmers market their produce individually through intermediaries	FPO dealing with multiple commodities with multi tasking	FPO dealing with single commodity with single tasking

Selection of FPOs: After categorizing the FPOs (based on commodity and task)

Random Sampling was followed to select the FPO

Selection of the respondents: Proportional sampling was followed (10% of the share holder)

(Among the respondents: 20% BOD members and 80% farmers

To assess the performance of FPOs a structure schedule was developed to study the opinion of the member about the role of FPO in successful marketing of the produce.

Different aspect were studies in relation of FPOs

(3- point Likert Scale SA-Strongly Agree, PA- Partially Agree, NA- Not agree)

1. Social aspect 2. Technical Aspect 3. Marketing Aspect 4. Organizational Aspect

TOTAL NO. OF FPOs IN THE DISTRICT	**TOTAL NO. OF RESPONDENT SELECTED**
Promoted &funded by NABARD- 07 Promoted and Funded by SWATI-02	TO1: Shareholder 500 (N=50) TO2. Shareholder 382 (N=38)

Perception of the respondents about be role of FPO in marketing their produce
Table:

Aspects	**TO1(N=50)**		**TO2(N=38)**	
	Mean Score	Gap(%)	Mean Score	Gap (%)
Social aspect	2.08	30.6	2.01	32.89
Technical Aspect	2.11	29.6	1.76	41.22
Marketing Aspect	2.2	26.4	2.09	30.52
Organizational Aspect	2.03	32.2	1.87	37.54

RESULTS:

In TO1 max. gap were observed in organizational aspect where as in TO2 technical gap were maximum. In both the groups responded were satisfied about the marketing aspect of the FPOS. Further T-test (Unpaired) was calculated to evaluate whether there is significant difference among the two groups. As the t-stat value is greater than the tabulated value it implies the null hypothesis is rejected and alternate hypothesis is accepted. As TO1 is performs diversified activities emphasis should be more on strengthening of Organization whereas TO2 should focus more on providing technical advisory and guidance for higher profitability,

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 + sweet potato	Organic nutrient management	Application of bio-consortia @ 5 kgha^{-1} incubated with FYM (1:25 ratio), FYM @ 5 t ha^{-1} and vermicompost @ 2 tha^{-1}	01	01	0	0	9	1	0	0	9	1	10	
2	Turmeric	INM	Application of STBFR Application of Vermicompost @ 5 t/ha Mulching with sal leaves @ 12.5 t/ha Application of biofertilizer (*Azotobacter*, *Azospirillum* and *PSB* , 12 kg/ha) incubated with FYM @ 1:25 ratio for 7 days	01	01	0	0	9	1	0	0	9	1	10	
3	Chilli	INM	Soil test based NPK application Vermi-compost @ 5 t / ha Bio-fertilizer (*Azotobacter*, *Azospirillum* and *PSB*, 1:1:1 @ 4 kg each per ha)	01	01	0	0	7	3	0	0	7	3	10	
4	Garden pea	INM	Application of FYM @ 5 t / ha Application of lime @ 0.2 LR at the time of final ploughing Soil test based NPK application Seed inoculation with *Rhizobium* @ 20 gm/kg seed	01	01	0	1	6	3	0	0	6	4	10	
5	Cabbage (TSP)	ICM & INM	Hybrid cabbage variety-Hare Krishna, seed rate – 0.3 kg/ha, FYM 5 t/ha , spacing (60 x 45) cm, seed treatment with vitavax power @ 2 gm /kg seed, application of biofertilizers @ 12 kg/ha	2.5	2.5	0	0	18	7	0	0	18	7	25	

			(*Azotobacter* + *Azospirillum* + *PSB*: 4+4+4= 12 kg/ha), soil application of boron @ 1 kg/ha at the time of sowing, application of 75 % of recommended dose of N:P_2O_5:K_2O as per soil test results and need based application of plant protection chemicals.												
6	Cauliflower (TSP)	ICM & INM	Hybrid cauliflower variety-Madhuri, seed rate – 0.3 kg/ha, FYM 5 t/ha , spacing (60 x 45) cm, seed treatment with vitavax power @ 2 gm /kg seed, application of biofertilizers @ 12 kg/ha (*Azotobacter* + *Azospirillum* + *PSB*: 4+4+4= 12 kg/ha), soil application of boron @ 1 kg/ha at the time of sowing, application of 75 % of recommended dose of N:P_2O_5:K_2O as per soil test results and need based application of plant protection chemicals.	2.5	2.5	0	0	20	5	0	0	20	5	25	
7	Garden pea (TSP)	ICM & INM	High yielding variety-GS-10, FYM 5 t/ha, Seed rate 50 kg/ha, seed treatment with Rhizobium 20g/kg of Seed, Spacing 30x10cm, application of biofertilizers @ 12 kg/ha (*Azotobacter* + *Azospirillum* + *PSB* : 4+4+4= 12 kg/ha), application of boron @ 1kg/ha at the time of sowing, application of 75 % of recommended dose of N:P_2O_5:K_2O as per soil test results and need based application of plant protection chemicals	2.5	2.5	0	0	17	8	0	0	17	8	25	
8	Paddy	Weed management	Pre-emergence application of Metsulfuron methyl 10% + Chlorimuron ethyl 10% (Almix) @ 20g/ha at 4 DAT	1	1	2	0	4	3	1	0	7	3	10	
9	Maize	Varietal evolution	Cultivation of medium duration maize hybrid Kalinga Raj (OMH 14-27)	1	1	2	1	5	1	1	0	8	2	10	

10	Mustard		Seed treatment with bio-consortia (*Azotobacter*, *azospirillum* & *PSB*) at 1:1:1 each along with 50-25-25 kg N-P2O5-K2O/ ha	1	1	2	0	5	3	0	0	7	3	10	
11	Garden pea	INM	Post-emergence application of Imazethapyr (10% SL) @ 750ml/ha at 20-30 DAS	1	1	2	0	4	3	1	0	7	3	10	
12	Enterprises	Value addition	Preparation of value added product from mango (spicy mango bar)			0	3	0	7	0	0	0	10	10	
13	Enterprises	Drudgery reduction	Use of groundnut decorticator			0	3	0	7	0	0	0	10	10	
14	Enterprises	Mushroom	Cultivation of oyster mushroom var. *Hypsizygus ulmarius* having high market demand			0	3	0	7	0	0	0	10	10	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Maize + sweet potato	Kharif	RF	Sandy loam	209.8 to 267.1	11.3 to 31.5	261.3 to 305.4	Maize	17.08.2023	04.12.2023	422.4	22
Turmeric	Kharif	RF	Sandy loam	181.5 to 245.1	13.9 to 18.5	266.8 to 321.6	Turmeric	18.05.2023	22.01.24	786.8	45
Chilli	Kharif	RF	Sandy loam	255.4 to 312.7	19.7 to 32.4	164.7 to 198.5	Tomato	19.08.2023	18.01.2024	422.4	22
Garden pea	Rabi	Irrigated	Sandy loam	172.8 to 257.3	14.1 to 19.2	232.7 to 344.8	Brinjal	08.09.2023	27.01.2024	435.4	23
Cabbage (TSP)	Rabi	Irrigated	Sandy loam	216.8 to 256.5	11.4 to 22.5	167.6 to 294.4	Vegetable	02.10.2023	07.02.2024	435.4	23
Cauliflower (TSP)	Rabi	Irrigated	Sandy loam	211.6 to 287.4	18.3 to 21.8	238.4 to 318.2	Bean	12.10.2023	18.02.2024	435.4	23

Garden pea (TSP)	Rabi	Irrigated	Sandy loam	238.2 to 304.4	11.6 to 23.6	219.7 to 318.6	Brinjal	12.10.2023	21.02.2024	435.4	23
Paddy	Kharif	RF Upland/medium land	Sandy clay loam	197.5	11.7	302.6	Fallow	17.08.2023	21.12.2023	479.2	28
Maize	Kharif	RF medium land	Sandy loam	305.4	18.5	293.2	Tomato	12.08.2023	26.11.2023	479.2	26
Toria	Rabi	Irrigated medium land	Sandy Loam soil	285.5	17.6	234.6	Brinjal	10.10.2023	12.01.2024	98.6	08
Garden pea	Rabi	Irrigated medium land	Loamy soil	296.4	16.4	254.8	Tomato	15.10.2023	05.01.2024	98.6	08
Spicy Mango Bar	Kharif						NA				
Value addition (Jack fruit)	Summer						NA				
Mushroom	Rabi						NA				

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

Frontline demonstrations on cereal 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 (MEY)	Check (MEY)		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Maize + sweet potato	Organic nutrient management	Application of bio-consortia @ 5 kgha^{-1} incubated with FYM (1:25 ratio), FYM @ 5 t ha^{-1} and vermicompost @ 2 tha^{-1}	10	01	80.3	66.5	20.8	46100	160600	114500	3.5	43800	133000	89200	3.0
Total			10	1	80.3	66.5	20.8	46100	160600	114500	3.5	43800	133000	89200	3.0

* 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: NA

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
Turmeric	INM	Application of STBFR Application of Vermicompost @ 5 t/ha Mulching with sal leaves @ 12.5 t/ha Application of biofertilizer (*Azotobacter*, *Azospirillum* and *PSB* , 12 kg/ha) incubated with FYM @ 1:25 ratio for 7 days	10	01	124.7	92.5	34.8	Single rhizome wt-252.3 g	Single rhizome wt-208.6 g	81600	174580	92980	2.1	72300	129500	57200	1.8

Chilli	INM	Soil test based NPK application Vermi-compost @ 5 t / ha Bio-fertilizer (*Azotobacter*, *Azospirillum* and *PSB*, 1:1:1 @ 4 kg each per ha)	10	01	126.4	92.1	37.2	No. of fruits/plant -129.3	No. of fruits/plant-90.2	101100	398160	297060	3.9	85900	290115	204215	3.4
Garden pea	INM	Application of FYM @ 5 t / ha Application of lime @ 0.2 LR at the time of final ploughing Soil test based NPK application Seed inoculation with *Rhizobium* @ 20 gm/kg seed	10	01	117.2	81.7	43.5	No of pods/plant-22.8	No of pods/plant-13.6	70400	210960	140560	3.0	61100	147060	85960	2.4
Cabbage (TSP)	ICM & INM	Hybrid cabbage variety-Hare Krishna, seed rate – 0.3 kg/ha, FYM 5 t/ha , spacing (60 x 45) cm, seed treatment with vitavax power @ 2 gm /kg seed, application of biofertilizers @ 12 kg/ha (*Azotobacter* + *Azospirillum* + *PSB*: 4+4+4= 12 kg/ha), soil application of boron @ 1 kg/ha at the time of sowing, application of 75 % of recommended dose of $N:P_2O_5:K_2O$ as per soil test results and need based application of plant protection chemicals.	25	2.5	328.7	215.1	52.8	Head weight (kg)- 1.71	Head weight (kg)-1.09	69500	295830	226330	4.3	60300	193590	133290	3.2

Cauliflower (TSP)	ICM & INM	Hybrid cauliflower variety-Madhuri, seed rate – 0.3 kg/ha, FYM 5 t/ha , spacing (60 x 45) cm, seed treatment with vitavax power @ 2 gm /kg seed, application of biofertilizers @ 12 kg/ha (*Azotobacter* + *Azospirillum* + *PSB*: 4+4+4= 12 kg/ha), soil application of boron @ 1 kg/ha at the time of sowing, application of 75 % of recommended dose of N:P_2O_5:K_2O as per soil test results and need based application of plant protection chemicals.	25	2.5	266.7	171.5	55.5	Head weight (kg)- 1.08	Head weight (kg)-0.79	83100	400050	316950	4.8	67800	257250	189450	3.8
Garden pea (TSP)	ICM & INM	High yielding variety-GS-10, FYM 5 t/ha, Seed rate 50 kg/ha, seed treatment with Rhizobium 20g/kg of Seed, Spacing 30x10cm, application of biofertilizers @ 12 kg/ha (*Azotobacter* + *Azospirillum* + *PSB* : 4+4+4= 12 kg/ha), application of boron @ 1kg/ha at the time of sowing, application of 75 % of recommended dose of N:P_2O_5:K_2O as per soil test results and need based application of plant protection chemicals	25	2.5	116.6	82.5	41.3	Pods/plant -21.7	Pods/plant – 14.2	69100	209880	140780	3.0	58300	148500	90200	2.5

Paddy	Weed management	Pre-emergence application of Metsulfuron methyl 10% + Chlorimuron ethyl 10% (Almix) @ 20g/ha at 4 DAT	10	1	36.8	32.4	13.6	Tillers/hill 12.6	Tillers/hill 9.4	24000	73600	49600	2.1	27400	64800	37400	1.4
Maize	Variety Substitution	Cultivation of medium duration maize hybrid Kalinga Raj (OMH 14-27)	10	1	48.4	38.2	26.7	(Cob length) 23.2 cm	(Cob length) 20.3 cm	28200	80667	52467	1.8	32400	70740	38340	1.2
		Total															

Livestock : NA

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)																	
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

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Sensory parameter		% change in yield	Keeping quality		Net Income (Rs/kg)		BCR	
					Demonstration	Check		Demo	Check	Demo	Check	Demo	Check
Ripe mango	Value addition	10	10	Homestead	4.2	3.6	-	5 month	8 month	100	50	3.3	2.5

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	Cultivation of Oyster mushroom *(Hypsizygus ulmarius)*	10	50	Blue oyster var.	Sajaor kaju var.	Yield	31.2	-	-	-	170/bed	5.2	-	-	120/bed	4.0
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
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	Assessment of packaging of processed tender jackfruit	7	7 days	1 days	It helped in income generation
Pregnant women					
Adolescent Girl					
Other women	Demonstration on protein enriched spicy mango bar	10	5 month	8 month	It helped in income generation
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									
Groundnut decorticator	Groundnut	Demonstration on use of groundnut decorticator for drudgery reduction	10	Homestead	31 kg	2.2 kg	85%	114	82			1641	-	-	

* 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	Kalingaraj	10	1	48.4	38.2	26.7	28200	80667	52467	1.8
Paddy										
Sorghum										
Wheat										
Others (Pl. specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (Pl. specify)										
Cabbage	Harekrishna	25	2.5	328.7	215.1	52.8	69500	295830	226330	4.3
Cauliflower	Madhuri	25	2.5	266.7	171.5	55.5	83100	257250	189450	3.8
Chilli	VNR 305	10	1	126.4	92.1	37.2	101100	398160	297060	3.9
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		70	7	770.2	516.9	172.2	281900	1031907	765307	13.8

Good quality photographs of FLDs


FRONT LINE DEMONSTRATION ON INM IN TURMERIC
SEASON - KHARIF - 2023
FARMER'S PRACTICE : Application of FYM @ 0.5 t ha-1 and mulching with sal leaves @ 6 t ha-1
RECOMMENDED PRACTICE :
Application of STBFR
Application of Vermicompost @ 5 t ha-1
Mulching with sal leaves @ 12.5 t ha-1
Application of Biofertilizer : 12kg ha-1
(Azotobacter,Azospirillum and PSB @ 4 kg each ha-1)
KRISHI VIGYAN KENDRA , KANDHAMAL


DEMONSTRATION ON ORGANIC NUTRIENT MANAGEMENT FOR
SEASON - KHARIF 2023


DEMONSTRATION ON INM IN GARDEN PEA
SEASON - RABI - 2023 -24
KRISHI VIGYAN KENDRA , KANDHAMAL


Spicy Mango Bar)
SEASON SUMMER 2023
RECOMMENDED PRACTICE
FARMER'S PRACTICE

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Maize+ Sweet potato	Farmers are happy due to higher income
2	Turmeric	Farmers appreciated the technology and will continue in future
3	Chilli	Farmers adopted the technology due to higher yield and net income
4	Garden pea	Farmers adopted the technology due to higher yield and net income
5	Cabbage (TSP)	Farmers adopted the technology due to higher yield and net income
6	Cauliflower (TSP)	Farmers adopted the technology due to higher yield and net income
7	Garden pea (TSP)	Farmers adopted the technology due to higher yield and net income
8	Paddy	Herbicide Almix is very much effective for controlling weeds in transplanted weeds
9	Maize	OUAT released var. Kalingaraj gives higher yield and net return than local varieties
10	Toria	Application of bioconsortia in toria enhances yield as well as ensures soil health management
11	Gardenpea	Herbicide Imazethapyr effectively controls broad leaf weeds in gardenpea

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	06.12.2023, 8.12.2023, 2.01.2024, 06.01.2024	04	120	
2.	Farmers Training	22.02.23, 02.03.23, 16.03.23, 21.08.2023, 06.10.23, 07.10.23, 09.10.23, 11.10.23, 02.11.23, 03.11.23, 04.11.23,	11	275	
3.	Media coverage				
4.	Training for extension functionaries	28.03.23, 29.03.23, 20.12.23	03	45	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2023 and Rabi 2022-23:

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	Niger	Desi Tila	3.2	3.32	2.66	6.5-7	Use of improved variety Utkal Niger-150 having seed rate @ 10 kg/ha Line sowing (with spacing 30x10 cm), Seed treatment with Vitavax power @ 2 gm per kg seed, Alternate sprayings of Imidachloprid @ 3ml/10 liter of water, Neem oil @ 5 ml per liter, Carbendazim + Mancozeb @ 2gm/ lit. & Cloropyriphos + Cypermethrin @ 2 ml/lit. Soil test based fertilizer application (based on the recommended dose of 40:20:20 kg NPK / ha).	50	20	4.8	2.9	3.9	38.4	31.2	42.3

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	Use of improved variety Utkal Niger-150 having seed rate @ 10 kg/ha Line sowing (with spacing 30x10 cm), Seed treatment with Vitavax power @ 2 gm per kg seed, Alternate sprayings of Imidachloprid @ 3ml/10 liter of water, Neem oil @ 5 ml per liter, Carbendazim + Mancozeb @ 2gm/ lit. & Cloropyriphos + Cypermethrin @ 2 ml/lit. Soil test based fertilizer application (based on the recommended dose of 40:20:20 kg NPK / ha).	7000	17400	12890	2.5	8200	24600	16400	3

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	Niger Var. Utkal niger 150	12600	340	60	600	400	Household	23.4

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	Use of improved variety Utkal Niger-150 having seed rate @ 10 kg/ha Line sowing (with spacing 30x10 cm), Seed treatment with Vitavax power @ 2 gm per kg seed, Alternate sprayings of Imidachloprid @ 3ml/10 liter of water, Neem oil @ 5 ml per liter, Carbendazim + Mancozeb @ 2gm/ lit. & Cloropyriphos + Cypermethrin @ 2 ml/lit. Soil test based fertilizer application (based on the recommended dose of 40:20:20 kg NPK / ha).	YES	Liking	86	NO	Yes	NO

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Seed treatment	The pest and disease incidences were found to be negligible at the early stage of the crop	Seed yield of niger increased 06 % over local check	Farmers were convinced that, due to seed treatment the crop escaped early infestation of sucking pests and diseases
Line sowing	The branching was optimum and intercultural operations were easily performed	Seed yield of niger increased 11.6 % over local check	Due to line sowing , the yield enhanced as well as it is very easy for intercultural operations
Soil test based fertilizer application	Due to STBFR, the crop got more flower, bold seeds and yield	Seed yield of niger increased 18.5 % over local check	Farmers were interested to use fertilizers and micronutrients as per soil test results
Use of PP chemicals at proper time and doses	The crop could manage all the diseases and pest incidences throughout the cropping season	Seed yield of niger increased 17 % over local check	Farmers were interested to use PP chemicals at proper time and doses

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training Programme	28.07.2023 -Pleheri 05.08.2023- Pangali 29.09.2023 - Sundardanda	75
2	Group Discussion	22.07.2023 -Pleheri 05-10-2023 -Kalanaju	30
3	Field Day	28.01.2024 -Sundardanda	50

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	90000	90000	0
	ii) TA/DA/POL etc. for monitoring	0	0	0
	iii) Extension Activities (Field day)	10000	10000	0
	iv)Publication of literature	0	0	0
	Total	100000	100000	0

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													
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													

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 (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
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	1	0	1	1	0	2	2	0	22	22	0	25	25
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in													

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
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	1	0	3	3	0	5	5	0	17	17	0	25	25
Total	2	0	4	4	0	7	7	0	39	39	0	50	50
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													
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													

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

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production	1	1	0	1	2	0	2	8	4	12	11	4	15
Production of organic inputs	2	0	0	0	2	0	2	23	5	28	25	5	30
Planting material production													
Vermiculture	2	0	0	0	1	0	1	29	0	29	30	0	30
Mushroom Production	1	0	0	2	0	4	4	0	9	9	0	15	15
Beekeeping													
Sericulture													

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													
Value addition	1	0	2	2	0	4	4	0	9	9	0	15	15
Small scale processing													
Post Harvest Technology	1	1	0	1	4	0	4	10	0	10	15	0	15
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products	1	2	0	2	3	0	3	10	0	10	15	0	15
Capacity building	4	0	0	0	0	0	0	20	40	60	20	40	60
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													
Hydroponic Agriculture	1	1	0	1	2	0	2	8	4	12	11	4	15
Total	14	5	2	9	14	8	22	108	71	179	127	83	210

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Weed Management	1	4	2	6	3	0	3	5	1	6	12	3	15
Integrated Nutrient management	1	6	0	6	3	0	3	5	1	6	14	1	15
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													

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
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application	2	0	0	0	0	0	0	0	30	30	0	30	30
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Climate smart agriculture	1	5	1	6	2	2	4	5	0	5	12	3	15
Plant nutrient deficiency symptoms	2	6	3	9	3	0	3	15	3	18	24	6	30
(Mushroom Production)	1	0	0	0	0	4	4	2	9	11	2	13	15
Total	8	21	6	27	11	6	17	32	44	76	64	56	120

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	3	1	4	4	7	11	27	8	35	34	16	50
Resource Conservation Technologies	1	2	2	4	3	6	9	5	7	12	10	15	25
Cropping Systems	1	0	2	2	4	3	7	10	6	16	14	11	25
Crop Diversification	1	4	0	4	6	2	8	9	4	13	19	6	25
Integrated Farming	1	2	1	3	5	5	10	8	4	12	15	10	25
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	4	6	2	8	8	14	22	54	24	70	68	32	100
Soil & water conservation													
Integrated nutrient Management	1	2	2	4	3	6	9	5	7	12	10	15	25
Production of organic inputs	1	4	0	4	6	2	8	9	4	13	19	6	25
Others													
Total	12	23	10	33	39	45	84	127	64	183	189	111	300
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													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													

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
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	5	1	7	8	2	8	10	57	50	107	60	65	125
Integrated water management													
Integrated Nutrient Management	3	0	0	0	0	4	4	45	26	71	45	30	75
Production and use of organic inputs	3	0	0	0	6	5	11	30	34	64	36	39	75
Management of Problematic soils	1	0	0	0	0	2	2	6	17	23	6	19	25
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer	1	0	0	0	2	3	5	7	13	20	9	16	25
Soil & water testing													
others													
Total	13	1	7	8	10	22	32	145	140	285	156	169	325
IV. Livestock Production and Management													
Dairy Management													
Poultry Management	2	0	8	8	0	20	20	0	22	22	0	50	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
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total	2	0	8	8	0	20	20	0	22	22	0	50	50
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	2	0	7	7	0	33	33	0	10	10	0	50	50
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	0	6	6	0	14	14	0	5	5	0	25	25
Value addition	2	0	6	6	0	10	10	0	34	34	0	50	50
Women empowerment													
Location specific drudgery reduction technologies	1	0	4	4	0	16	16	0	5	5	0	25	25
Rural Crafts													
Women and child care													
Others	2	0	8	8	0	35	35	0	9	9	0	50	50
Total	10	0	37	37	0	128	128	0	85	85	0	250	250
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													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													

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
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Record keeping of SHG	2	0	0	0	0	0	0	0	50	50	0	50	50
Group dynamics	1	0	0	0	0	0	0	25	0	25	25	0	25
Formation and Management of SHGs	2	0	0	0	0	0	0	30	20	50	30	20	50
Mobilization of social capital	2	0	0	0	0	0	0	0	50	50	0	50	50
Entrepreneurial development of farmers/youths	1	0	0	0	0	0	0	0	25	25	0	25	25
Use of mass and social media for tech. support	2	0	0	0	0	0	0	10	40	50	10	40	50
Grading & sorting of Vegetable at farm level to get better market price	2	0	0	0	0	0	0	10	40	50	10	40	50
Total	12	0	0	0	0	0	0	75	225	300	75	225	300
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	49	24	62	86	49	215	264	347	536	875	420	805	1225

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													
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													
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	3	1	4	4	7	11	27	8	35	34	16	50
Resource Conservation Technologies	1	2	2	4	3	6	9	5	7	12	10	15	25
Cropping Systems	1	0	2	2	4	3	7	10	6	16	14	11	25
Crop Diversification	1	4	0	4	6	2	8	9	4	13	19	6	25
Integrated Farming	1	2	1	3	5	5	10	8	4	12	15	10	25
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	4	6	2	8	8	14	22	54	24	70	68	32	100
Soil & water conservation													
Integrated nutrient Management	1	2	2	4	3	6	9	5	7	12	10	15	25
Production of organic inputs	1	4	0	4	6	2	8	9	4	13	19	6	25
Others													
Total	12	23	10	33	39	45	84	127	64	183	189	111	300

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
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													
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													

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 (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management	5	1	7	8	2	8	10	57	50	107	60	65	125
Integrated water management													
Integrated Nutrient Management	3	0	0	0	0	4	4	45	26	71	45	30	75
Production and use of organic inputs	3	0	0	0	6	5	11	30	34	64	36	39	75
Management of Problematic soils	1	0	0	0	0	2	2	6	17	23	6	19	25
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer	1	0	0	0	2	3	5	7	13	20	9	16	25
Soil & water testing													
others													
Total	13	1	7	8	10	22	32	145	140	285	156	169	325
IV. Livestock Production and Management													
Dairy Management													
Poultry Management	2	0	8	8	0	20	20	0	22	22	0	50	50
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total	2	0	8	8	0	20	20	0	22	22	0	50	50
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	0	1	1	0	2	2	0	22	22	0	25	25
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	2	0	7	7	0	33	33	0	10	10	0	50	50
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	0	6	6	0	14	14	0	5	5	0	25	25
Value addition	2	0	6	6	0	10	10	0	34	34	0	50	50
Women empowerment													
Location specific drudgery reduction technologies	1	0	4	4	0	5	5	0	16	16	0	25	25
Rural Crafts													
Women and child care													
Others	3	0	11	11	0	24	24	0	40	40	0	75	75
Total	10	0	25	25	0	78	78	0	175	175	0	250	250
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													

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
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													
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													
Total													
X. Capacity Building and Group Dynamics													
Record keeping of SHG	2	0	0	0	0	0	0	0	50	50	0	50	50
Group dynamics	1	0	0	0	0	0	0	25	0	25	25	0	25
Formation and Management of SHGs	2	0	0	0	0	0	0	30	20	50	30	20	50
Mobilization of social capital	2	0	0	0	0	0	0	0	50	50	0	50	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
Entrepreneurial development of farmers/youths	1	0	0	0	0	0	0	0	25	25	0	25	25
Use of mass and social media for tech. support	2	0	0	0	0	0	0	10	40	50	10	40	50
Grading & sorting of Vegetable at farm level to get better market price	2	0	0	0	0	0	0	10	40	50	10	40	50
Total	12	0	0	0	0	0	0	75	225	300	75	225	300
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	49	24	50	74	49	165	214	347	626	965	420	805	1225

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													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production	1	1	0	1	2	0	2	8	4	12	11	4	15
Production of organic inputs	2	0	0	0	2	0	2	23	5	28	25	5	30
Planting material production													
Vermiculture	2	0	0	0	1	0	1	29	0	29	30	0	30
Mushroom Production	1	0	0	2	0	4	4	0	9	9	0	15	15
Beekeeping													
Capacity building	4	0	0	0	0	0	0	20	40	60	20	40	60
Repair and maintenance of farm machinery and implements													
Value addition	1	0	2	2	0	4	4	0	9	9	0	15	15
Small scale processing													
Post Harvest Technology	1	01	00	01	04	00	04	10	00	10	15	00	15
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products	1	02	00	02	03	00	03	10	00	10	15	00	15
Dairying													
Sheep and goat rearing													
Quail farming													

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
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	1	1	0	1	2	0	2	8	4	12	11	4	15
Total	14	5	2	9	14	8	22	108	71	179	127	83	210

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Weed Management	1	4	2	6	3	0	3	5	1	6	12	3	15
Integrated Nutrient management	1	6	0	6	3	0	3	5	1	6	14	1	15
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													
Capacity building for ICT application	2	0	0	0	0	0	0	0	30	30	0	30	30
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Climate smart agriculture	1	5	1	6	2	2	4	5	0	5	12	3	15
Plant nutrient deficiency symptoms	2	6	3	9	3	0	3	15	3	18	24	6	30
Others (Mushroom Production)	1	0	0	0	0	4	4	2	9	11	2	13	15
Total	8	21	6	27	11	6	17	32	44	76	64	56	120

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
Soil Science	F/FW	Use and importance of green manuring for soil health management	one	off	4	21	25	3	14	17
Soil Science	F/FW	Quality vermicompost production technique	one	off	20	5	25	20	5	25
Soil Science	F/FW	Integrated Nutrient management practices for off-season vegetable cultivation	one	off	13	12	25	13	12	25
Soil Science	F/FW	Nutrient management practices for intercropping system	one	off	9	16	25	9	16	25
Soil Science	F/FW	Organic nutrient management practices for major vegetables grown in Kandhamal district	one	off	20	5	25	20	5	25
Soil Science	F/FW	Inoculation technique, use and importance of biofertilizers for major crops grown in Kandhamal district	one	off	1	24	25	1	24	25
Soil Science	F/FW	Nutrient management strategies for enhancing pulse productivity in Kandhamal district	one	off	21	4	25	21	4	25
Soil Science	F/FW	Nutrient management strategies for enhancing oilseed productivity in Kandhamal district	one	off	11	14	25	11	14	25
Soil Science	F/FW	Management of acid soils for higher crop productivity	one	off	6	19	25	6	19	25
Soil Science	F/FW	Production	Two	off	25	25	50	25	25	50

		technique of Azolla and its use in paddy field								
Soil Science	F/FW	Production Technique of NADEP compost	One	Off	15	10	25	15	10	25
Soil Science	F/FW	Organic nutrient management practices for turmeric and ginger cultivation	One	Off	11	14	25	11	14	25
Soil Science	RY	Practices and skill in production of vermicompost and vermi-wash	Four	On	30	0	30	30	0	30
Soil Science	RY	Production technique of different organic liquid fertilizers	Four	On	25	5	30	25	5	30
Soil Science	IS	Identification of plant nutrient deficiency symptoms and their management strategies	Two	On	24	6	30	18	3	21
Soil Science	IS	Strategic integrated nutrient management and sustainable agriculture	One	On	14	1	15	8	1	9

H) Vocational training programmes for Rural Youth

a) Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Vermicomposting	Production of organic inputs	Vermicomposting	05	5	0	5	Cement tank	10	5	0
Enterprise	Marketing	Mushroom cultivation and its marketing strategy	05	0	05	05	Bed	50 bed	05	
Enterprise	Value addition	Value addition from mushroom and tender jackfruit	05	0	05	05	Solar dryer		05	

*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													
Total													
Post harvest technology and value addition													
Value addition	5	0	0	0	0	0	0	0	5	0	0	5	5
Other (Mushroom Production)	5	0	0	0	0	0	0	0	5	0	0	5	5
Total	10	0	0	0	0	0	0	0	10	0	0	10	10
Livestock and fisheries													
Dairy farming													
Composite fish culture													
Sheep and goat rearing													
Piggery													
Poultry farming													
Total													
Income generation activities													
Vermicomposting	5	0	0	0	0	0	0	5	0	5	5	0	5
Production of bioagents, biopesticides,													
biofertilizers etc.													
Repair and maintenance of farm machinery & imlements													
Rural Crafts													
Seed production													
Sericulture													

Mushroom cultivation													
Nursery, grafting etc.													
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para-vet training													
Total	5	0	0	0	0	0	0	5	0	5	5	0	5
Agricultural Extension													
Capacity building and group dynamics													
Total													
Grand Total	20	0	0	0	0	0	0	5	10	5	5	10	15

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		MIDH		12	F&FW	6	120	NHM, Govt of Odisha
2	STRY	Mushroom	Dec	7	RY	14	15	ATMA

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	6	0	0	0	10	05	15	90	15	105	100	20	120
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													
Production of Inputs at site													
Methods of protective cultivation													
Mushroom Cultivation	14	-	2	2	-	-	-	-	13	13	-	15	15
Total	20	0	2	2	10	5	15	90	28	118	100	35	135

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	20	0	2	2	10	5	15	90	28	118	100	35	135

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	04	82	38	120	80	3	4	7	85	42	127
KisanMela											
KisanGhosthi											
Exhibition											
Film Show	06	121	59	180	77	2	1	3	123	60	183
Method Demonstrations	05	60	40	100	85	4	2	6	64	42	106
Farmers Seminar	01	162	178	340	75	14	10	24	176	188	364
Workshop											
Group meetings	05	48	27	75	90	3	2	5	51	29	80
Lectures delivered as resource persons	14	395	105	500	65	10	8	18	405	113	518
Advisory Services											
Scientific visit to farmers field	49	384	204	588	92	24	26	50	408	230	638
Farmers visit to KVK											
Diagnostic visits	48	195	93	288	90	14	18	32	209	111	320
Exposure visits											
Ex-trainees Sammelan											
Soil health Camp	03	45	15	60	95	4	2	6	49	17	66
Animal Health Camp											
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group											

Conveners meetings											
Mahila Mandals Conveners meetings											
Sankalp Se Siddhi											
Swatchta Hi Sewa											
Mahila Kisan Divas											
Total	135	1492	759	2251	749	78	73	151	1570	832	2402

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	02
Radio talks	
TV talks	
Popular articles	
Extension Literature	02

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
Niger	Utkal Niger 150	3.52	45760	5	0	8	0	2	0	15	0
Toria	Sushree	8.0	96000	3	1	5	3	2	1	10	5
Turmeric	Roma, Rashmi	140	490000	5	0	8	0	2	0	15	0
Grand Total		151.52	631760	13	1	21	3	6	1	40	5

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											
Brinjal	Akshita	1000	4000	6	3	20	6	8	6	34	15
Tomato	Surekha	1000	4000	10	0	12	3	9	2	31	5
Chili	Sindur	1000	4000	12	5	42	2	6	5	62	12
Papya	Red lady	200	5000	8	12	4	16	21	7	33	35
Cauliflower	NS 1448	2000	8000	4	18	23	17	6	10	33	45
Brinjal	Akshita	2000	8000	10	2	16	13	18	8	34	23
Tomato	Surekha	2000	8000	12	8	16	41	0	7	28	56
Chili	Sindur	2000	8000	8	6	18	23	8	2	34	31
Papya	Red lady	100	2500	12	16	15	41	2	13	29	70
Cauliflower	NS 1448	1000	2000	10	8	16	7	19	4	35	19
Onion	ADR, Niketan	65000	9000	12	16	10	17	13	9	35	42
Mushroom spawn bottles	Oyster &Paddy straw mushroom	4000	72000	14	106	12	132	20	25	46	263
Total		81300	134500	118	200	204	318	130	98	434	616

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										
Bio-pesticide										
Bio-fungicide										
Bio-agents										
Others, (Vermicompost)	8000	160000	10	0	18	3	5	3	32	6
Vermin	20	10000	10	0	18	3	5	3	32	6
Azola	200									
Total	8220	170000	20	0	36	6	10	6	12	12

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 (Improved chicks)	3	1200	90000	10	0	18	3	5	3	32	6
Piggery											
Piglet											
Hog											
Others (Pl. specify)											
Fisheries											
Indian carp											
Exotic carp											
Mixed carp											
Fish fingerlings											
Spawn											
Grand Total	3	1200	90000	10	0	18	3	5	3	32	6

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

i) Name of Seed Hub Centre: NA

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)

iii) Financial Progress

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

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

3.6.

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins	Natural Farming Value addition of Mushroom	S. K. Mukhi and N. Bar S. Hemubrum and N. Bar	500 1000	500 1000
News letter	Kalinga	KVK, Kandhamal	500	500
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc.)	Organic Turmeric GI-Tag Natural Farming	S. K. Mukhi	10	10
TOTAL			2010	2010

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.	Seminar	Natural farming	Dr. S. Mukhi, Scientist (Soil. Sc)	2 days	ATARI, Kolkata
2.	Training	Mushroom	S. Hembrum, PA(Home. Sc.)	1 day	DEE, OUAT BBSR
3.	Workshop	Zonal workshop	Dr. Narayan Bar, SSH	May 2023	ATARI, Kolkata
4.	Training	Refresher Training	Sripali Pradhan. SMS (Agro), Dr. S. Mukhi, Scientist (Soil. Sc)	12 and 13 Feb 2024	DEE, OUAT BBSR

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

Success story

1. **Name of the Farmer/Entrepreneur**: Mr. Nepala Pradhan
2. **Address(At/Po/Block/Dist./PIN):** Tiangia, G. Udayagiri, Kandhamal-762100
3. **Contact no:** 8763464418
4. **Brief background**: (Educational qualification/Social status): 10th
5. **Details of Enterprise/Farming components:**

During a survey in the village Tiangia, of G.Udayagiri block by Krishi Vigyan Kendra, Kandhamal Nepala Pradhan, a 46 years old tribal vegetable grower came in contact with KVK scientists and posed his agricultural problems. KVK team studied the profile of his field and advised to participate in the training programme on production technology for vegetable cultivation. Sri Pradhan was constantly in touch with Krishi Vigyan Kendra, Kandhamal and as a follow up, scientists of KVK visited his field regularly. He has been provided with all the need-based knowledge and skill, which included integrated nutrient, weed, water and pest management practices. The KVK, Kandhamal conducted demonstrations of off-season cauliflower cultivation, organic turmeric cultivation, raikia bean cultivation in trellis system etc in his field. All the need based critical inputs were provided by the KVK, Scientist for conducting the above demonstration programmes. Regular field visits were also made by the scientists at the time of each and every farm operation. He is now growing Vegetables in an area of 5 acres of land with improved package and practices.

6. **Economic/Production Advantage:**

He invested Rs. 87,000/- in his 2 ha of land during Kharif 2020. He was able to get an average yield of 13.2 t/ha which is the remarkable yield in the nearby villages. After all expenses on input, labour, irrigation he got a net profit of Rs.2.6 Lakhs with a B:C ratio of 3.99. He realized the need for sorting, grading and proper packing of vegetables before sending it to the market, which fetches good price. By seeing his success, many farmers from the nearby villages interested for the scientific cultivation of vegetables. In Kharif 2021, the technology has spread to around 10 ha area in G.Udayagiri block involving 100 farmers There is a scope for around 2,500 ha area in the district, where scientific vegetable cultivation can be made profitable during Kharif and Rabi.

7. **Employment generation:**

The initiative taken by Mr. Pradhan has proved that continuous efforts and self-interest can provide satisfactory income and employment opportunity to other farmers by taking certain skill full training.

8. **Contributing Factors for the success:**

He participated in the 2 days' skill development training programme conducted on "Improved Package of practices for vegetable cultivation at KVK, KANDHAMAL. The training helped him learning appropriate and scientific method of vegetable cultivation including trellis system of cultivation followed by using its byproducts for vermin compost production. He regularly visits KVK and updates himself with new knowledge, regularly interacting with scientists which guided her to achieve success.

9. Importance for other Farmers:

Based on his experience, he started offering hand-on training to farmers groups and youths helping in disseminating the technologies. Inspired by his success, many farmers from the nearby areas started approaching towards KVK for starting scientific cultivation of vegetables for sustainable development of livelihood.

10. Award/Recognition if any:

Activity Photo 1

Activity Photo 2

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

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

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

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

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Turmeric	10000 ha	91000 MT	5200	Y
2	Ragi	250 ha	200 MT	2000	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

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

Sl. No	Name of the Equipment	Qty.
1	Automatic Nitrogen estimation System (KELPLUS) with accessories a. Manoblock Digestion System. b. Acidic Neutralizer Scrubber Unit. c. Automatic Nitrogen Distillation System. d. Electronic Titration System	1
2	Flame Photometer	1
3	Spectro Photometer	1
4	Plant Sample Grinder	1
5	Hot Water Bath	1
6	Horizontal Shaker	1
7	Distilled Water Unit(Stainless Steel)	1
8	Hot Air Oven	1
9	Laboratory Centrifuge	1
10	Microscope(Olympus)	1
11	Microscope(Olympus)Ms-13	1
12	BOD Incubator	1
13	Elico PH Meter	1
14	Conductivity Meter	1
15	Refrigerator	1
16	Electronic Top Pan Balance	1
17	Physical Balance	1
18	Mechanical Stirrer	1
19	Colony Counter	1
20	Hot Plate	1
21	Voltage Stabilizer	1
22	Single Distillation Unit	1
23	Mrida Parikhyak	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			
289	574	863	2387	23	4315

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	Celebration of World Soil Day	65	20		65	65

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

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

3.13. Technology week celebration

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

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

No of student trained	No of days stayed

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
	Sri Ramakanta Giri, DDH, Kandhamal	Campus visit
	Sri Tusharkanti Samal, CDAO, Kandhamal	Campus visit
	Dr. Sanjiv Kumar Patel, CDVO, Kandhamal	Campus visit
	Sri Subhas Chandra Behera, ADO, G. Udayagiri	Campus visit
	Dr. Alok Kumar Patro, IFC Unit, OUAT, BBSR	Training
	Dr. Pravat Kumar Roul, Hon'ble VC, OUAT	Campus visit
	Dr. P. J. Mishra, DEE, OUAT, BBSR	Campus visit
	Dr. Sangram Swain, Dean, Research, OUAT,	Campus visit
	Dr. Hemant Ku. Sahoo, Dy. Director DEE, OUAT	Campus visit
	Dr. Avjit Halder, Principal Scientist, ATARI, Kolkata	SAC Meeting

4. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Management of acid soil	80	90	40000	75000
INM in vegetables	105	85	45000	90000
Vermicomposting	200	80	15000	32000
Use of farm machinery	55	50	-	-
Drudgery reducing small implements for women	40	60	-	-
Improved Poultry breeding	60	70	10000	40000
Mushroom cultivation	120	90	16000	65000
Crop diversification	50	65	33750	67500
IWM in different crops	60	45	10000	22000

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
Oyster Mushroom cultivation	40 %
Vermicomposting	70 %
INM in vegetables	65 %

Give information in the same format as given below

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

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

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms

4.4. Details of innovations recorded by the KVK

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

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	
Name & complete address of the entrepreneur	
Role of KVK with quantitative data support:	
Timeline of the entrepreneurship development	

Technical Components of the Enterprise	
Status of entrepreneur before and after the enterprise	
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	
Horizontal spread of enterprise	

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
ATMA	Technical guidance, imparting training programmes
Dept. of Watershed	Technical guidance, imparting training programmes
Dept. of Agriculture and food production	Technical guidance, imparting training programmes, Demonstration
Dept of Horticulture	Technical guidance, imparting training programmes, Demonstration
Dept. of fisheries and animal research development	Technical guidance, imparting training programmes, Demonstration

5.2. List of special programmes undertaken during 2023 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	Vermicompost	2018-19	24 c.meter	*E. foetida*	Vermicompost	80	37500	160000	
				E. foitida	Vermin	10 kg	2000	5000	
2	Poultry	2015-16	30	Dual purpose	Chicks	5000 nos	116440	123934	

3	Mushroom spawn	2015-16	9	PSM & Oyster	PSM & Oyster spawn	5000 nos	40000	82200	
4	Poly house	2015-16	100	Vegetable & fruits	seedling	80000	24000	120000	
5	Animal Husbandry Unit	2021-22		Duck, poultry, guinea bird, quail bird, turkey	Newly Est.				
6	Azola Unit	2021-22	25	*Azolla Pinnata*	Azolla	2.5	1000	2500	
7	Papaya Unit	2021-22	600	F1-Lunar	Newly Est.				
8	Orhid	2021-22	-	*Vanda cristata*	Newly Est.				
9	Dragon fruit	2021-22	-	*Hylocereus undatus*	Newly Est.				
10	Tissue culture bana	2018-19	-	G-9	-	-	-	-	-
11	Guava	2019-19	-	Bihi	-	-	-	-	-
12	Colour fish breeding	2021-22	-	Gopi and molly	Newly Est.				
13	BGA	2021-22	-	-	Newly Est.				

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	
Turmeric	18.05.2023	Harvesting	1.5	Roma and Rasmi	TL	140	-	-	Not harvested
Niger	05.08.2023	12.12.2022	1.0	Utkal-Niger 150	FS	3.52	-	-	Not processed
Toria	21.10.2023	24.01.2023	1.5	Sushree	FS	8.0	-	-	Not processed

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	8000	37500	160000	
2	Vermin	18	1300	9000	

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	Kadaknath/Kalinga brown	21 days	1200	84000	90000	

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
JAN	30	5	
FEB	40	4	
MAR	40	6	
APR	30	2	
MAY	25	2	
JUNE	25	2	

JULY	20	2	
AUG	29	2	
SEPT	26	2	
OCT	15	2	
NOV	15	1	
DEC	45	1	
Total :	340	31	

(For whole of the year)

6.6. Utilization of staff quarters: NA

Whether staff quarters has been completed:

No. of staff quarters:

Date of completion:

Occupancy details:

Months	Q I	Q II	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Contingency	SBI	G. Udayagiri	11754367211
Revolving Fund	SBI	G. Udayagiri	11754367222
CFLD Oil seed	SBI	G. Udayagiri	41569759964
Natural farming	SBI	G. Udayagiri	42011867560
CFLD Pulse	SBI	G. Udayagiri	42269730007
RKVY(SDTP & RPL/ upscaling	SBI	G. Udayagiri	42402787033

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Niger	1.0	-	1.0	-	0

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

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 2023-24 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances	150000	150000	150000
3	HRD	30000	30000	0
4	Contingencies			
A	Stationary, telephone, postage and other exp. on office running			
B	POLs, repair of vehicles, tractor & equipments	680000	680000	680000
C	Meals/ refreshment for residential and non- residential trainings			
D	Training Materials (need based materials and equipments for conducting training)	510000	510000	510000
E	Frontline demonstration	255000	255000	155000
F	On-farm testing(on need based location specific and newly generated information in the major production systems of the area	255000	255000	55000
G	Integrated farming system *(IFS)*			
H	Training on extension functionaries			
I	Extension Activities			
J	Farmers field school			
K	EDP/ Innovative activities			
L	Soil & Water testing & Issue of Soil Health cards			
M	Maintenance of buildings			
N	Library (Purchase of journal, periodicals, News Paper & Magazines)			
O	TSP	1200000	1200000	1200000
P	Swachhta Expenditure	34000	34000	34000
TOTAL (A)		3114000	3114000	2784000
B. Non-Recurring Contingencies				
1	Library	10000	10000	10000
2				
3				
4				
TOTAL (B)		10000	10000	10000
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		3124000	3124000	279400

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	1,44,975	16,87,500	6,38,387.30	11,94,087.70
2021-22	5,35,614	3,54,094	4,95,956	8,23,658
2022-23	8,23,658	7,17,738	5,01,842	7,39,554
2023-24	7,39,554	5,68,629	4,77,643	8,30,540

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

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
Monitoring	24	Kharif/Rabi	5	22	27

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity rate (%)	Number of animals vaccinated	Preventive measures taken in pond (in ha)

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop	28	28927
Livestock	0	0
Fishery	0	0
Weather	5	28915
Marketing	0	0
Awareness	8	28915
Training information	0	0
Total	41	28927

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	1886
2.	No. of farmers registered in the portal	5021
3.	Mobile Apps developed by KVK	0
4.	Name of the App	0
5.	Language of the App	0
6.	Meant for crop/ livestock/ fishery/ others	0
7.	No. of times downloaded	0

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
20.7.23/1 day	Campus cleaning and awareness program among Farmer
12.8.23/ 1day	Campus cleaning and awareness programm with school student
02.8.23/1 day	Village road cleaning and debate competition among F/FW
22.9.23/1 day	Cleaning of Farm road
1.10.23/1 day	Village road cleaning and awareness programm
19.11.23/1 day	Campus cleaning and village campus cleaning
16.12.23/1 day	Villages road cleaning and awareness programm

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office		
2. Basic maintenance		
3. Sanitation and SBM	12	11200
4. Cleaning and beautification of surrounding areas	28	5600
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	2	4000
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	17	7000
8. Swachhta Workshops		
9. Swachhta Pledge	1	1000
10. Display and Banner		
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	50	4000
14. No of Staff members involved in the activities	9	
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total	**119**	**32800**

9.6. Observation of National Science day : NIL

Date of Observation	Activities undertaken

9.7. Programme with Seema Suraksha Bal/ BSF : NIL

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school : NIL

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: NA

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 Doordarshan (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)
1	Awareness program among student, Institute cleaning, awareness program among Farmer and Farm women, Debate, competition, Quize	14	380		

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	Mahila Kisan Diwas	04	60		
2	National Girl child day	04	20		

Please provide good quality photographs:

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise

9.13. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Hostel & Training Hall	25,250	IFS, OUAT, ATMA, Kandhamal, OLM, Kandhmal

9.14. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1	MIDH	Demonstration	Director of Horticulture, GoO	18.0	Yes

9.15. Performance of Automatic Weather Station in KVK

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

9.16. Contingent crop planning: NIL

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK

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

a) Year:
b) Introduction / General Information:

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

Please provide good quality photographs:

11. Details of DAPST/ TSP

a. Achievements of physical output under TSP during 2023

Progress of DAPST for the year 2023 (Jan. to Dec., 2023)

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.	8	8	200	200
	1.2	4-10 days	No.				
	1.3	2-4 weeks	No.				
	1.4	More than 4 weeks	No.				
2	**On Farm Trials (OFTs)**		No.	1	1	7	7
3	**Front Line Demonstrations (FLDs) and other demonstrations**		No.	6	6	105	105
4	**Awareness camps, exposure visits etc.**		No.	2	2	50	50
5	**Input Distribution**						
	5.1	Seeds (Field Crops)	Tonnes	0.1152	0.1152		
	5.2	Seeds (High Value Crops, spices etc.)	kg	0	0		
	5.3	Seeds (Root & Tuber Crops)	tonnes	0	0		
	5.4	Nursery plants	No.	48000	48000	48000	48000
	5.5	Cutting , slips, suckers, etc	No.				
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets	1000	1000	1000	1000
	5.7	Honey Bee Colonies	No.	0	0	0	0
	5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.	0	0	0	0
	5.9	Animals-small (pig, sheep, goat etc.)	No.	0	0	0	0
	5.1	Poultry chicks / duckling etc	No.	2000	2000	2000	2000
	5.11	Fish Spawns/ fingerlings	No.	0	0	0	0
	5.12	Small equipment's (upto Rs 2000)	No.	1600	16 00	1600	1600
	5.13	Medium Equipment's/ machinery (upto Rs 25000)	No.	0	0	0	0
	5.14	Large Equipment's / machinery (> Rs. 25000)	No.	0	0	0	0
	5.15	Infrastructure / Civil Works/ Ponds etc	No.	0	0	0	0
	5.16	Setting up plant nursery/ seed farm/ hatchery	No.	0	0	0	0
	5.17	Land development/ Reclamation / Conservation	hectares	0	1	0	1

	5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes	0	0	0	0
	5.19	Micro nutrients	tonnes	0.1	0.1	0 .1	0.1
	5.2	FYM/ Vermicompost	tonnes	0.8	0.8	0.8	0.8
	5.21	Soil amendments (Gypsum, lime etc.)	tonnes	0.2	0.2	0.2	0.2
	5.22	Plant protection chemicals	kg	50	50	50	5 0
	5.23	Plant growth Promoter	kg	0	0	0	0
	5.24	Animal Feed	tonnes	0.5	0.5	0.05	0.05
	5.25	Animal Fodder	tonnes	0	0	0	0
	5.26	Animal medicines	doses	0	0	0	0
	5.27	Any other (Liquid PSB etc.)	Litre	10	10	10	10
6	**Services/Facilitation**						
	6.1	Animal Health Camps	No.	0	0	0	0
	6.2	Artificial Insemination / Vaccination	No.	0	0	0	0
	6.3	Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc)	No.	0	0	0	0
	6.4	Testing samples of Soil, plant, water, feed, fodder and livestock	No.	583	583	1200	1200
	6.5	Promotion of agri-entrepreneurship	No.	10	10	10	10
	6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.	24	24	24	24
	6.7	Creation of market links of farm produces	No.	0	0	0	0
	6.8	Use of Institute Facilities (Processing etc.) (in Hours)	Hours	0	0	0	0
	6.9	Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary)	No.	0	0	0	0
7	**Distribution of Literature**		No.	2000	2000	2000	2000
8	**Employment generation for livelihood**		(Man-months)	7	7	7	7
9	**Fellowship, Stipends or Scholarship**		No.	0	0	0	0
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	0	0	0	0
11	**Monitoring & Evaluation of DAPSC/ST (upto 3%)**			0	0	0	0
12	**Any other (specify)**						

b. Fund received under TSP in 2023-24 (Rs. In lakh): 12.00

12. Details of DAPSC/ SCSP: NA

a. Achievements of physical output under SCSP during 2023

Progress of DAPSC for the year 2023 (Jan. to Dec., 2023)

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 2023-24 (Rs. In lakh):

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

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

14. Awards/Recognition received by the KVK: NIL

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

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	OUAT Foundation Day	Gyanaranjan Jena	2023	VC, OUAT	-	Promotion of product for marketing

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

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) : NA

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): NIL

Details of KVK Demo. Unit

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

18. Technologies for Doubling Farmers' Income: NIL

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1					

19. Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service: NIL

	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)					
II (up-to 24.04.2018)					
Total					

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

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

21. a) Information on ASCI Skill Development Training Programme, if undertaken during 2023: NIL

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		

b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2023

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

22. Information on NARI Project (if applicable): NA

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

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

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

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