

ANNUAL REPORT 2025

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		dee@ouat.ac.in

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, 2025)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/OBC/ Others)
1	Senior Scientist& Head	Dr. Narayan Bar	Sr. Scientist & Head	Agril. Extension	95300/-	08.04.2010	Permanent	
2	Subject Matter Specialist	Sri Sujit Kumar Mukhi	Scientist	Soil Science	87200/-	23.10.2009	Permanent	
3	Subject Matter Specialist	Prasanta Kumar Nanda	Scientist	Plant Protection	84700/-	04.05.2024	Permanent	
4	Subject Matter Specialist	Sanat Kumar Meher	Scientist	Horticulture	79800/-	07.07.2023	Permanent	
5	Subject Matter Specialist	Ms Sripali Pradhan	SMS	Agronomy	67000/-	13.06.2018	Permanent	
6	Subject Matter Specialist	-	-	-		-	-	-
7	Subject Matter Specialist	-	-	-		-	-	-
8	Programme Assistant	Ms Sumitra Hembram	P.A. (Tech.)	Home Science	42300/-	09.08.2018	Permanent	
9	Computer Programmer	Sri Dibyasingh Pradhan	PA (Computer)	Computer Science	50500/-	01.08.2022	Permanent	
10	Farm Manager	-	-	-		-	-	-
11	Accountant / Superintendent	-	-	-		-	-	-
12	Stenographer	Sri Pabitra Mohan Pradhan	Jr. Steno-cum-Computer Operator	-	33300/-	29.07.2015	Permanent	
13.	Driver	Sri Maheswar Pradhan	Driver-cum-Mechanic	-	28400/-	13.02.2014	Permanent	
14.	Driver	Sri Gopal Pradhan	Driver-cum-Mechanic	-	28400/-	20.07.2015	Permanent	
15.	Supporting staff	Sri Aparti Chhatoi	Peon-cum-Watchman	-	25800/-	28.07.2008	Permanent	
16.	Supporting staff	-	-	-		-	-	-

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	8,15,235/-	34328	Running
Tractor (Mahindra 475 DI – Bhumiputra)	2004-05	3,74,223/-	-	Running
Bike (Hero Honda Passion Pro)	2009-10	49,965/-	50,212	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

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	32,000	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.	26.11.2024	31	Given below at Agenda-2	Given below at Agenda-2	

PROCEEDING OF THE 29th SCIENTIFIC ADVISORY COMMITTEE MEETING OF KVK KANDHAMAL, G. UDAYAGIRI HELD ON 26.11.2024

The 29th Scientific Advisory Committee meeting of KVK, Kandhamal was held on 26.11.2024 at 11.00 am in the training hall of KVK, Kandhamal in hybrid mode. The meeting was held under the Chairmanship of Prof. P. J. Mishra, Dean, Extension Education, OUAT, Bhubaneswar. Dr. B.K. Pradhan, Deputy Director Extension Education, OUAT, Bhubaneswar and Dr. P. P. Pal, Principal Scientist, ICAR-ATARI, Zone-V, Kolkata and Dr. G.C. Acharya, Head, ICAR-CHES, Bhubaneswar had also attended the meeting. The other members of the SAC meeting present are annexed at annexure-I

At the outset, Dr. Narayan Bar, Senior Scientist and Head, KVK, Kandhamal welcomed all the members in the house and requested the Chairman to conduct the SAC meeting. After briefing about the objective of the SAC meeting, the Chairman asked the Senior Scientist and Head, KVK, Kandhamal to present the achievements of Rabi 2023-24, Kharif & Rabi 2024-25 and Action Plan 2025-26.

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 proceeding of previous SAC meeting in brief. The Chairman approved the proceeding after taking consent of all the members.

AGENDA -2 ACTION TAKEN ON THE PROCEEDING OF LAST SAC MEETING HELD ON 08.01.2024

Sl. No.	Recommendations	Activities taken
1	To promote high value vegetables in the district	The demonstrations of high value vegetables like hybrid cabbage, cauliflower and garden pea have been carried out in an area of 20 ha covering 145 farmers during 2023-24 and 2024-25. The demonstrations were conducted in 29 villages of K. Nuagaon, G. Udayagiri and Tikabali blocks. The technologies spread to 455 ha in these blocks.

2	Inclusion of more observation parameters of the crop/enterprise under FLD and OFT activities	As per the recommendation, more nos. of observation parameters viz. growth and yield attributes of different crops, weed incidence, disease and pest incidence and soil parameters etc. were recorded under different FLD and OFT programmes of KVK
3	To record observation on economic parameters in an IFS system to identify the best component	As per the observations recorded from IFS system at farmer's field, the fishery component provided highest net return of Rs.1.76 lakhs from 0.4 ha pond area followed by vegetable cultivation of Rs.0.62 lakhs. 32 nos. of IFS systems established in 21 villages of 6 blocks during 2024-25.
4	To promote the pig farming in the district	<ul style="list-style-type: none"> ❖ Five nos. of awareness programmes have been conducted in 5 villages comprising 125 nos. of participants in convergence with Dept. of Animal Husbandry. ❖ KVK linked the farmers with line Department for which a piggery unit comprising of 50 nos of pigs has been established at village Khariapada of G. Udayagiri block with the financial support of Dept. of Animal Husbandry.
5	To promote chilli cultivation in the district	<ul style="list-style-type: none"> ❖ The demonstration programmes on chilli cultivation have been carried out under Resilience project in Penala, Kilapanga and Sudhipada villages in an area of 05 ha. The impact of demonstration led to the expansion of the area to 45 ha in the nearby villages of G. Udayagiri and Tikabali blocks. ❖ 03 nos. of training programmes were undertaken in the above villages benefitting 150 nos of farmers and farm women. ❖ KVK distributed 10000 nos. of hybrid (Daya and Jwalamukhi) seedlings under TSP programme during 2024-25
6	Popularization of food processing and value addition of different agri products in the district	<ul style="list-style-type: none"> ❖ Demonstration and training programmes on value addition of ragi and jack fruit have been conducted in Tiangia, Sudhipada, Kalinaju and Penala villages covering 120 nos of farm women. ❖ Thirteen nos. of WSHGs are involved to prepare the value-added product of ragi as Ragi Muruku after being trained from KVK ❖ Value added products of jack fruit like Jackfruit seed atta, dried slices and Jack fruit chips were being prepared by Good Samaritan NGO, G. Udayagiri with the technical support from KVK. ❖ Five nos. of FPOs are now involved in preparation of the above value-added products of Jack fruits.
7	More awareness programme and demonstration to be undertaken for popularization of paddy straw mushroom	<ul style="list-style-type: none"> ❖ Two numbers of FLDs and 03 nos. of training programmes were conducted in Batingia, Tiangia, Sirki and Gotamaha villages benefitting 150 farm women during 2024-25. ❖ Twelve nos. of WSHGs of G. Udayagiri and Tikabali blocks produced 900 kg paddy straw mushroom from 12 units (1200 beds) after being trained from KVK.
8	To include more number of farmers and extension functionaries under KMA programme	3015 more nos. of farmers and extension functionaries have been included this year which led to total of 31315 nos. of beneficiaries under the KMA programme

9	KVK web portal should be regularly updated with more recent documents for wide publicity.	The KVK website updated at regular intervals i.e. 04.04.2024, 18.05.2024, 25.07.2024, 09.09.2024, 05.11.2024 during 2024-25 with up-to-date KVK activities including FLD, OFT, training, extension activities, dignitary visit, success stories, PoP of different crops.
10	To conduct OFT on disease resistant chilli varieties suitable for Kandhamal district	<ul style="list-style-type: none"> ❖ Three nos. of awareness programmes on cultivation of disease resistant chilli varieties (Pusa Sadabahara, Arka Nihira, Arka Gagana etc.) have been conducted comprising of 75 farmers and farm women ❖ The OFT programme has not been conducted due to absence of Scientist (Horticulture), who is on study leave. It will be conducted after his joining in KVK.
11	To organize training and awareness programme on natural farming for popularizing among the farmers.	<ul style="list-style-type: none"> ❖ Nine nos. of awareness programme on Natural farming were carried in KVK campus during 2023-24 and 2024-25 including 450 nos. of farmers. ❖ Two training programmes, one for extension functionaries and other for rural youths organized at KVK during 2024-25 comprising of 45 nos. of beneficiaries. ❖ One skill oriented 05 days training programme was conducted at KVK during 2024-25 covering 40 nos. of trainees. ❖ KVK prepared 1000 copies of booklet on Natural Farming which were distributed among the farmers and extension functionaries for popularization of natural farming. ❖ One Natural Farming demonstration unit has been established in KVK campus
12	Establishing different demo units at least in one adopted village for better adoption of technologies in the locality.	<ul style="list-style-type: none"> ❖ Demo units viz. vermicompost production unit, light traps unit, poly-mulching unit, poly-tunnel, shade net, drip irrigation system, trellis system and azolla production units have been established in the adopted villages of Penala, Sudhipada, Mazagdada under different project activities of KVK.
13	To organize training programmes by involvement of Pani panchayat members of the district.	<ul style="list-style-type: none"> ❖ The list of Pani Panchayat members to be trained not provided by the concerned department and after getting the list and topic the training programmes will be carried out with immediate effect.
14	To introduce Ganjam goat breed in the district.	<ul style="list-style-type: none"> ❖ A goatery unit has been developed by a progressive farmer Mr. Kuna Pattanaik of Kiramaha village of G. Udayagiri block and he has added two nos. of Ganjam bucks in his unit. KVK linked the farmer with Dept. of Animal Husbandry for establishment of the goatery unit. ❖ More nos. of activities on promotion of Ganjam goat breeds will be carried out after joining of Scientist (Animal Science) at KVK.

15	To give emphasis on fodder production in the district by the KVK.	<ul style="list-style-type: none"> • Twelve nos. of awareness programmes on fodder production have been conducted among 300 farmers in 12 villages during 2024-25. • Two nos. of training programmes on fodder cultivation have been organized at Tiangia and Sudhipada villages covering 50 nos. of farmers and farm women.
16	To carry out trial on different onion varieties to assess the performance as per the recommendation of AICRP on Onion and Garlic.	<ul style="list-style-type: none"> ❖ Farmers were supplied with 50,000 nos. of seedlings of improved onion varieties like Agrifound Dark Red and Nasik Red N53 for popularization in the district. ❖ This year improved onion varieties have been cultivated in 450 ha land in G. Udayagiri, Tikabali, Daringbadi and Raikia blocks. ❖ Performance of suitable onion and garlic varieties will be conducted after joining of Scientist (Hort.) at KVK.
17	More number of participants to be included in the extension training programme.	<ul style="list-style-type: none"> ❖ Twelve nos. of training programmes for extension functionaries have been designed in the action plan of KVK in 2024-25. ❖ The number of trainees per extension training programme increased from 15 to 30 during 2024-25.
18	Different improved varieties of tuber crops to be introduced in the district	<ul style="list-style-type: none"> ❖ Two nos. of awareness programmes have been conducted comprising of 50 nos of participants. ❖ The trials on different improved of yam and sweet potato varieties will be conducted during 2025-26 after joining of Scientist (Horticulture) at KVK.

AGENDA 3 – ACHIEVEMENTS MADE BY THE KVK

The Senior Scientist and Head presented the overall achievements made by KVK, Kandhamal during Rabi 2023-24 and 2024-25.

- 1. Training** –KVK has conducted 104 training programmes for farmers and farm women, for rural youths & extension functionaries involving 2545 participants during Rabi 2023-24 and 2024-25.
- 2. Front Line Demonstration** – KVK conducted 31 numbers of Front-Line Demonstrations during Rabi 2023-24 and 2024-25 including TSP on the thematic areas of IPM, INM, IWM, Organic farming, Honey Bee keeping, Varietal evaluation, Optimum land utilization methods, Drudgery reduction, Nutritional security and Small-scale income generation activities in 37 ha area involving 550 participating farmers/farm women.
- 3. On Farm Trial:** A total of 11 nos. of On Farm Trials (OFTs) were conducted during Rabi 2023-24 and 2024-25 on the thematic areas of IPM, INM, Varietal evaluation, IWM, and Small-scale income generation activities involving 237 numbers of practicing farmers.
- 4. Extension Activities:** KVK also conducted various extension activities viz. 18 numbers of field days, 02 nos. of Kisan Mela, 04 nos. of Exhibitions, 42 nos. of CD Film show, 05 nos of Ex-trainees meet and several other activities like Diagnostic Field Visits & KMAS, publication of literature & news-letters, 04 numbers of Soil health campaigns, Celebration of special days like Agril. Education Day, Jai Kisan Jai Vigyan, Mahila Kisan Divas, Women in Agriculture Day, World Food Day, Vigilance

Awareness Week, Poshan Abhiyan & Plantation Programme, Jal Shakti Abhiyan, World Soil Day, Parthenium Week, Swachhata Hi Sewa and 04 numbers of farmers-scientist interactions etc. during Rabi 2023-24 and 2024-25.

AGENDA 4 – PRESENTATION OF ACTION PLAN FOR 2025-26

The Senior Scientist and Head presented the detailed Action Plan of KVK, Kandhamal for 2025-26 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, 10 number of trainings for 300 numbers of extension functionaries and 07 numbers of vocational trainings for 35 numbers of participants during 2025-26.
2. **Front Line Demonstration** – KVK has planned for conducting 23 numbers of Front-Line Demonstrations during 2025-26 on the thematic areas of IPM, INM, ICM, IWM, IPDM, Varietal substitution, Honey Bee keeping, Drudgery reduction, small scale income generating activities and value addition.
3. **On Farm Trial:** A total of 09 nos. of On Farm Trials (OFTs) are proposed to be conducted during 2025-26 on weed management in maize, Varietal substitution, IPM, INM in potato, INM in tomato & humidity management in paddy straw mushroom production involving 225 numbers of practising farmer/farm women.
4. **Extension Activities:** KVK has also proposed various extension activities such as 14 numbers of field days, 03 Kissan Melas, 04 Exhibitions, 41 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 2025-26.

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 new administrative building
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 achievements and action plan & invited suggestions. The suggestions were made by the members as listed below.

1. Dr. B.K. Pradhan, Dy. Director Extension, OUAT, Bhubaneswar advised to go for value addition of oyster mushroom and jackfruit for generating more income on production of surplus quantity in the response to the question raised by the farm woman Mrs. Biruma Digal, Baliguda. He also suggested to link the farmers with Dept. of Horticulture for procurement of raw jackfruit for value addition in the district. He told that KVK should emphasize on value addition of jackfruit and mushroom using solar dryer.
2. Project Director, Watersheds, Kandhamal informed the house regarding the benefits of Coffee Mission Programme and suggested KVK for inclusion of more beneficiaries under the programme and sought the help of KVK on PoP, disease and pest management in crops.
3. Sericulture Extension Officer, Kandhamal suggested to make more awareness among the farmers on sericulture activities in the district.
4. Dy. Director Horticulture, Kandhamal emphasized that KVK to provide training and training materials (leaflet/booklet) on honey bee production for more awareness among the extension functionaries and farmers.

5. Assistant Horticulture Officer, G. Udayagiri requested to prepare a leaflet/booklet/literature/calendar on insect/pest/disease management on major vegetable crops grown in the district. In this context Dr. B.K. Pradhan, DDE, DEE, OUAT, Bhubaneswar told to DDH to provide the list of crop wise major diseases and pest attack in vegetables block wise.
6. Chief Scientist, DLAP, Phulbani, OUAT, suggested KVK to work for utilization of interspaces in the fruit orchard with suitable intercrops. He also suggested KVK to conduct trial on various fodder crops. He gave more emphasis on developing more number of pond based IFS system in the district. In the present context, he stressed upon conducting the trials on natural farming for popularizing it among the farmers.
7. Associate Director of Research, RRTTS, G. Udayagiri emphasized on promotion of flower cultivation viz. Chrysanthemum and Gladiolous in the district. He also emphasized on cultivation of Black pepper and Coffee plantation in the existing fruit orchards.
8. Senior Scientist & Head, KVK, Ganjam-I suggested to have exposure visit of farmers of other districts to the different demo units developed by KVK, Kandhamal. He also advised KVK should develop a low-cost bamboo-based technology of seedling raising unit on black pepper.
9. Senior Scientist & Head, KVK, Boudh suggested KVK to look after disease and pest management practices on sericulture in the district.
10. Head, ICAR-CHES, Bhubaneswar suggested to undertake trial on different onion varieties during kharif / late kharif for its standardization in the district. He also suggested to take up organic trials on ginger/turmeric/strawberry cultivation. He further recommended KVK for demonstration on canopy management (Pruning and training) and intercropping in the existing mango and cashew orchard for better yield and income.
11. Dr. P. P. Pal, Principal Scientist, ICAR-ATARI, Zone-V, Kolkata advised KVK to conduct demonstration programme on natural farming technology in the farmers field involving 5 number of farmers.

Chairman's remarks

1. The Chairman appreciated KVK for its various functional demo units maintained in the campus.
2. He instructed KVK to give more emphasis on value addition of minor forest produce.
3. He advised KVK to maintain a demo unit on natural farming in KVK instructional farm as well as in the farmers field for wide spread of the natural farming.
4. He stressed upon the demonstration on nutrient, weed and pest management in vegetable crops/strawberry cultivation in the district.
5. He emphasized on strengthening of honey bee keeping in the district.
6. The full package and practices of sweetcorn cultivation should be provided to the farmers instead of distributing only HYV/hybrid seeds for more income of the farmers under TSP programme.

**Sd/-
Senior Scientist & Head
KVK, Kandhamal**

ANNEXURE-I

Sl. No	NAME	DESIGNATION	REMARK
1	Prof. P. J. Mishra	Dean, Directorate of Extension Education, OUAT, BBSR	Chairman
2	Dr. P.P. Pal	Principal Scientist, ICAR-ATARI, Kolkata	Member
3	Dr. G.C. Acharya	Head, ICAR-CHES, Bhubaneswar	Member
4	Dr. B. K. Pradhan	Dy. Director of Extension, DEE, OUAT, BBSR	Member
5	Dr. Gyanalok Dash	ADR, RRTTS, G. Udayagiri	Member
6	Dr. Narayan Bar	Senior Scientist & Head, KVK, Kandhamal	Member Secretary

7	Dr. S. K. Satpathy	Senior Scientist & Head, KVK, Ganjam-I	Member
8	Mr. Tapan Ku. Das	Senior Scientist & Head, KVK, Boudh	Member
9	Dr. D. K. Debata	Senior Scientist, RRTTS, G. Udayagiri	Member
10	Dr. S. K. Behera	Chief Scientist, DLAP, OUAT, Phulbani	Member
11	Mr. S. K. Sahoo	AHO, G. Udayagiri	Member
12	Mr. K. Suresh Kumar Patro	Asst. Fishery Officer, G. Udayagiri	Member
13	Mr. Prasanna Ku. Patra	PD, Watersheds, Kandhamal, Phulbani	Member
14	Mr. Padmanabha Sethi	Sericulture Extension Officer, G. Udayagiri	Member
15	Mr. Kiran Ku. Mohapatra	Scientist (Soil Science), AICRP-DLAP, OUAT, Phulbani	Member
16	Dr. S. Ranabijuli	Scientist (Animal Sc.), KVK, Ganjam-I	Member
17	Ms. P. Mallick	AAO, G. Udayagiri	Member
18	Ms. L.R. Dalabehera	AHO, Raikia	Member
19	Dr. Sujit Kumar Mukhi	Scientist (Soil Sc.), KVK, Kandhamal	Member
20	Mr. Prasanta Ku. Nanda	Scientist (PP), KVK, Kandhamal	Member
21	Mrs. S. Pradhan	SMS (Agronomy)	Member
22	Mrs. Sumitra Hembram	PA (Home Science), KVK, Kandhamal	Member
23	Mr. Soumaya Ranjan Pradhan	Farmer representative, Batingia, G. Udayagiri	Member
24	Ms. Rasmita Pradhan	Farm women representative, G. Udayagiri	Member
25	Mr. Sidhartha Mallick	Farmer representative, Mallikapadi, G. Udayagiri	Member
26	Ms. Biruma Digal	Farm women representative, Baliguda	Member
27	Mr. Rajesh Ku. Biswal	AHO, Tikabali	Member
28	Mr. Sanjit Ku. Pattnaik	Secretary, KASAM, Phulbani	Invitee
29	Mr. Ramachandra Choudhury	Reporter, The Samaj	Invitee
30	Mr. Anil Ku. Dalabehera	Reporter, The Prameya	Invitee
31	Mr. Padma Behera	MD, Shakitrupa, FPO, G. Udayagiri	Invitee

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

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	<ul style="list-style-type: none"> 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	<table> <thead> <tr> <th>Crop</th> <th>Productivity (kg/ha)</th> </tr> </thead> <tbody> <tr> <td>Rice</td> <td>2447</td> </tr> <tr> <td>Maize</td> <td>1706</td> </tr> </tbody> </table>	Crop	Productivity (kg/ha)	Rice	2447	Maize	1706
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	

Note: Please give recent data only

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	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 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
4	K. Nuagaon	K. Nuagaon	Bandaguda, Gunjjigaon, 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,	Turmeric – Low yield due to application of lower dose of organic inputs and improper crop management practices Ginger – Low yield due to rhizome rot	Organic Farming Weed Management

				Niger, Groundnut, Off-season Vegetables like Cauliflower & Tomato, 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	Soil Health & Fertility Management Pest & Disease Management Backyard Poultry and Animal Production Non-land enterprises Marketing Awareness Farm Mechanisation
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2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2025) 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
11	11	71	5	2	38	24	2	0	45	26	71	20	20	275	28	30	106	93	14	4	148	127	275

Summary of On-farm Testing (OFT) conducted

Title of OFT (On-farm Testing)	No. of trials	No. of technologies tested	No. of locations*	No. of farmers involved
Assessment of Nutrient management in finger millet	5	3	4	5
Assessment of integrated nutrient management in tomato	5	2	3	7
Assessment of medium duration rice varieties under rainfed condition	5	3	3	5
Assessment on little millet varieties for better yield	5	3	4	5
Assessment of leaf blotch management in Turmeric	7	3	3	7
Assessment on management practices for Fall Armyworm in Maize	7	3	3	7
Assessment of disease resistant chilli hybrids	7	2	6	7
Assessment of Kharif Onion	7	2	5	7
Assessment of humidity management in paddy straw mushroom production in summer season	7	1	3	7
Assessment of effectiveness of extension method for transfer of seed treatment technology in different field crops (Groundnut) in the operational area of KVK.	7	2	4	7
Assessment of effectiveness of various sources of information for pest management in rice	7	2	6	7

* This will be one if conducted in one village. (Please add rows if required)

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
117	117	2655	25	27	90	97	13	11	1294	1361	2661	386	386	34423	6626	1152	20292	3255	2199	899	29117	5306	34423

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
2661	2661	98	125	488	543	84	76	670	744	1414	34423	34423	2120	322	690	1009	901	332	3711	1663	5374

Seed production (q)						Planting material (in Lakh)					
Target			Achievement			Target			Achievement		
Niger-3.60			2.0			0.725			0.465		
Torja -6.0			4.0								
Turmeric-80			80.0								

Livestock strains and fish fingerlings produced (in lakh) *						Soil, water, plant, manures samples tested (in lakh)					
Target			Achievement			Target			Achievement		
-			-			0.01			0.00705		

* 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	03	-	03	5.58	5.33	-	-
Seminar/conference/ symposia papers	Nil	-	-	-	-	-	-
Booklets	02	500	-	-	-	-	-

Bulletins	-	-	-	-	-	-	-
News letter	01	500	-	-	-	-	-
Popular Articles	-	-	-	-	-	-	-
Book Chapter	-	-	-	-	-	-	-
Extension Pamphlets/ literature	01	500	-	-	-	-	-
Technical reports	01	20	-	-	-	-	-
Electronic Publication (CD/DVD etc)	04	20	-	-	-	-	-
TOTAL	12	1540	03	5.58	5.33	-	-

3.1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of Nutrient management in finger millet								
2.	Problem diagnosed	Poor plant growth, less tiller, small ear heads and low grain yield due to improper nutrient management practices								
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	<table border="1"> <tr> <td>FP</td> <td>Application of FYM @ 1.0 t/ha with average fertilizer @ 20-0-0 kg N-P₂O₅-K₂O/ha</td> </tr> <tr> <td>TO₁</td> <td>Application of FYM @ 2.5 t/ha + vermi compost @ 1 t/ha + Bio-fertilizers (<i>Azotobacter</i>, <i>Azospirillum</i> and <i>PSB</i>, 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) FYM (1:25) under shade at 30% moisture for 7 days</td> </tr> <tr> <td>TO₂</td> <td>Application of 75% STBFR + FYM @ 5t/ha</td> </tr> <tr> <td>TO₃</td> <td>Application of 50% RDN through FYM + 50% RDN through Vermicompost + Bio-fertilizers (<i>Azotobacter</i>, <i>Azospirillum</i> and <i>PSB</i>, 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) vermicompost (1:25) under shade at 30% moisture for 7 days</td> </tr> </table>	FP	Application of FYM @ 1.0 t/ha with average fertilizer @ 20-0-0 kg N-P ₂ O ₅ -K ₂ O/ha	TO ₁	Application of FYM @ 2.5 t/ha + vermi compost @ 1 t/ha + Bio-fertilizers (<i>Azotobacter</i> , <i>Azospirillum</i> and <i>PSB</i> , 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) FYM (1:25) under shade at 30% moisture for 7 days	TO ₂	Application of 75% STBFR + FYM @ 5t/ha	TO ₃	Application of 50% RDN through FYM + 50% RDN through Vermicompost + Bio-fertilizers (<i>Azotobacter</i> , <i>Azospirillum</i> and <i>PSB</i> , 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) vermicompost (1:25) under shade at 30% moisture for 7 days
FP	Application of FYM @ 1.0 t/ha with average fertilizer @ 20-0-0 kg N-P ₂ O ₅ -K ₂ O/ha									
TO ₁	Application of FYM @ 2.5 t/ha + vermi compost @ 1 t/ha + Bio-fertilizers (<i>Azotobacter</i> , <i>Azospirillum</i> and <i>PSB</i> , 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) FYM (1:25) under shade at 30% moisture for 7 days									
TO ₂	Application of 75% STBFR + FYM @ 5t/ha									
TO ₃	Application of 50% RDN through FYM + 50% RDN through Vermicompost + Bio-fertilizers (<i>Azotobacter</i> , <i>Azospirillum</i> and <i>PSB</i> , 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) vermicompost (1:25) under shade at 30% moisture for 7 days									
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT								
5.	Production system and thematic area	Integrated nutrient management								
6.	Performance of the Technology with performance indicators	Application of 50% RDN through FYM + 50% RDN through Vermicompost + Bio-fertilizers (<i>Azotobacter</i> , <i>Azospirillum</i> and <i>PSB</i> , 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) vermicompost (1:25) under shade at 30% moisture for 7 days increased the yield by 39.0 per cent over farmers practice								
7.	Final recommendation for micro level situation	Application of 50% RDN through FYM + 50% RDN through Vermicompost + Bio-fertilizers (<i>Azotobacter</i> , <i>Azospirillum</i> and <i>PSB</i> , 1:1:1 @ 4 kg each per ha) mixed with prelimed (5%) vermicompost (1:25) under shade at 30% moisture for 7 days								
8.	Constraints identified and feedback for research	-								
9.	Process of farmers participation and their reaction	Farmers accepted the technology due to higher return								

Thematic area: Nutrient management

Problem definition: Poor plant growth, less tiller, small ear heads and low grain yield due to improper nutrient management practices

Technology assessed: Application of 50% RDN through FYM + 50% RDN through Vermicompost + Bio-fertilizers (Azotobacter, Azospirillum and PSB, 1:1:1 @ 4 kg each per ha) mixed with prelied (5%) vermicompost (1:25) under shade at 30% moisture for 7 days

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
		Plant height (cm)	No. of tillers/hill					
FP	05	69.5	3.11	11.6	30800	52200	21400	1.7
TO ₁	05	78.6	4.65	13.4	33900	60300	26400	1.8
TO ₂	05	88.7	6.12	15.1	36100	67950	31850	1.9
TO ₃	05	98.4	7.78	16.3	34300	73350	39050	2.1

Results: Application of 50% RDN through FYM + 50% RDN through Vermicompost + Bio-fertilizers (Azotobacter, Azospirillum and PSB, 1:1:1 @ 4 kg each per ha) mixed with prelied (5%) vermicompost (1:25) under shade at 30% moisture for 7 days increased the yield by 40.5 per cent over farmers practice

OFT-2

1.	Title of On farm Trial	Assessment of integrated nutrient management in tomato	
2.	Problem diagnosed	Poor plant growth, less flowering, small fruit size and low quality produce due to improper nutrient management practices	
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP	Application of FYM @ 1.5 t /ha with average fertilizer @ 40-30-30 kg N-P ₂ O ₅ K ₂ O/ha
TO ₁		75% NPK (STBFR)+25 %N from vermicompost + Bioconsortia @ 12 kg ha ⁻¹ inoculated with vermicompost	
TO ₂		NPK (STBFR) + FYM @ 10 t/ha + S @ 25 kg/ha	
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AAU, Anand, 2020-21 and CSAUAT, Kanpur, 2020-21	

5.	Production system and thematic area	Integrated nutrient management
6.	Performance of the Technology with performance indicators	NPK (STBFR) + FYM @ 10 t/ha + S @ 25 kg/ha increased the yield of tomato by 31.9 per cent over farmers practice
7.	Final recommendation for micro level situation	NPK (STBFR) + FYM @ 10 t/ha + S @ 25 kg/ha
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers accepted the technology due to higher return

Thematic area: INM

Problem definition: Poor plant growth, less flowering, small fruit size and low quality produce due to improper nutrient management practices
Technology assessed: NPK (STBFR) + FYM @ 10 t/ha + S @ 25 kg/ha increased the yield of tomato by 31.9 per cent over farmers practice

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
		Plant height (cm)	No. of fruits/plant	No. of branches/plant					
FP	07	89.2	42.3	13.3	215.8	64300	151060	86760	2.3
TO ₁	07	94.3	53.1	14.6	248.5	72500	173950	101450	2.4
TO ₂	07	102.8	62.8	17.1	284.6	75600	199220	123620	2.6

Results: NPK (STBFR) + FYM @ 10 t/ha + S @ 25 kg/ha increased the yield of tomato by 31.9 per cent over farmer's practice

OFT-3

1.	Title of On-farm Trial	Assessment of medium duration rice varieties under rainfed condition
2.	Problem diagnosed	Low productivity due to unavailability of drought tolerant high yielding varieties
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Cultivation of locally available rice variety, Lalat (135 days) TO ₁ - Cultivation of rice variety Kalinga Dhan 1203 (135 days) TO ₂ - Cultivation of rice variety Kalinga Dhan 1204 (125 days)

		TO ₃ - Cultivation of rice variety Kalinga Dhan 1205 (132 days)								
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	Annual Report, OUAT-2022								
5.	Production system and thematic area	Varietal evaluation								
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)	No. of Tillers/hill						
		FP	106.8	8.2	30.7	-	62300	95170	32870	1.5
		TO ₁	117.6	13.6	41.6	35.5	62300	128960	66660	2.1
		TO ₂	96.4	9.4	34.4	12.0	62300	106640	62300	1.7
		TO ₃	112.7	11.4	37.6	22.5	62300	116560	54260	1.9
7.	Final recommendation for micro level situation	Among the OUAT varieties tested Kalinga Dhan 1203 performed better giving the highest yield (41.6q/ha) and can be recommended for micro level situation								
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: Crop Varietal evaluation

Problem definition: Low productivity due to unavailability of drought tolerant high yielding varieties

Technology assessed: FP- Cultivation of locally available rice variety, Lalat (135 days)

TO₁- Cultivation of rice variety Kalinga Dhan 1203 (135 days)

TO₂- Cultivation of rice variety Kalinga Dhan 1204 (125 days)

TO₃- Cultivation of rice variety Kalinga Dhan 1205 (132 days)

Table: 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)	No. of Tillers/hill						
FP	106.8	8.2	30.7	-	62300	95170	32870	1.5
TO ₁	117.6	13.6	41.6	35.5	62300	128960	66660	2.1
TO ₂	96.4	9.4	34.4	12.0	62300	106640	62300	1.7
TO ₃	112.7	11.4	37.6	22.5	62300	116560	54260	1.9

Result: Among the OUAT varieties tested Kalinga Dhan 1203 performed better giving the highest yield (41.6q/ha) and can be recommended for micro level situation

OFT-4

1.	Title of on farm Trial	Assessment on little millet varieties for better yield								
2.	Problem diagnosed	Low yield from existing little millet varieties								
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Cultivation of locally existing variety, Desi suan TO ₁ - Little millet variety Kalinga suan-217 (65-75 days) TO ₂ - Little millet variety CLMV 1 (65-75 days) TO ₃ - Little millet variety OLM 208 (65-75 days)								
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO ₁ -OUAT Annual Report, 2022 TO ₂ -IIMR, 2020 TO ₃ -OUAT Annual Report, 2009								
5.	Production system and thematic area	Varietal Substitution								
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)	No. of Tillers/hill						
		FP	128.6	4.1	8.2	-	13650	24600	10950	1.8
		TO ₁	154.5	5.5	11.0	34.1	13650	33000	19350	2.4
		TO ₂	148.4	5.3	10.3	25.6	13650	30900	17250	2.3
	TO ₃	137.3	5.0	9.4	14.6	13650	28200	14550	2.1	
7.	Final recommendation for micro level situation	Among the little millet varieties tested Kalinga suan-217 performed better giving the highest yield (11.0q/ha) and can be recommended for micro level situation.								
8.	Constraints identified and feedback for research	-								
9.	Process of farmers participation and their reaction	Farmers are happy due to maximum yield and net return and showed their interest for adoption of the technology								

Thematic area: Crop Varietal evaluation

Problem definition: Low yield from existing little millet varieties

Technology assessed: FP- Cultivation of locally existing variety, Desi suan
TO₁- Little millet variety Kalinga suan-217 (65-75 days)
TO₂- Little millet variety CLMV 1 (65-75 days)
TO₃- Little millet variety OLM 208 (65-75 days)

Table:

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)	No. of Tillers/hill						
FP	128.6	4.1	8.2	-	13650	24600	10950	1.8
TO ₁	154.5	5.5	11.0	34.1	13650	33000	19350	2.4
TO ₂	148.4	5.3	10.3	25.6	13650	30900	17250	2.3
TO ₃	137.3	5.0	9.4	14.6	13650	28200	14550	2.1

Result: Among the little millet varieties tested Kalinga suan-217 performed better giving the highest yield (11.0q/ha) and can be recommended for micro level situation.

OFT-5

1.	Title of On-farm Trial	Assessment of Leaf blotch Management in Turmeric							
2.	Problem diagnosed	Low yield in Turmeric due to heavy infestation of leaf blotch disease.							
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment. FP- Traditional cultivation practices with no control measures TO ₁ -Application of (Azoxystrobin 12.5%+Tebuconazole 12.5%) @ 1ml/litre at 45, 60 and 90DAS TO ₂ - Rhizome treatment with Propiconazole 25EC@1%+ Foliar spray with Propiconazole 25EC @ 1% at 90, 105 and 120 DAP							
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	SAU (TO ₁ : OUAT AR, 21-22) (TO ₂ : Tirhut College of Agril., Muzaffarpur, 17-18)							
5.	Production system and thematic area	Integrated Disease 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
			PDI (%)						
		FP	42.7	92.4	-	85830	152480	66650	1.77
		TO ₁	5.8	126.3	36.7	89250	210240	120990	2.35
		TO ₂	7.2	119.6	29.4	93170	192960	99790	2.07
7.	Final recommendation for micro level situation	-							
8.	Constraints identified and feedback for research	-							
9.	Process of farmers participation and their reaction	Farmers are satisfied due to lower incidence in disease as compared to farmers' practice and interested for adoption of the technology.							

Thematic area: IDM

Problem definition: Low yield in Turmeric due to heavy infestation of leaf blotch disease.

Technology assessed: FP- Traditional cultivation practices with no control measures
 TO₁- Application of (Azoxystrobin 12.5%+Tebuconazole 12.5%) @ 1ml/litre at 45, 60 and 90DAS.
 TO₂- Rhizome treatment with Propiconazole 25EC@1%+ Foliar spray with Propiconazole 25EC @ 1% at 90, 105 and 120 DAP

Table:

Technology option	No. of trials	Disease/ Insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	7	42.7	92.4	85830	152480	66650	1.77
TO ₁	7	5.8	126.3	89250	210240	120990	2.35
TO ₂	7	7.2	119.6	93170	192960	99790	2.07

OFT-6

1.	Title of On farm Trial	Assessment on management practices for Fall Armyworm in Maize.									
2.	Problem diagnosed	Low yield in Maize due to heavy infestation of Fall Armyworm.									
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment FP-Application of Profenphos 50EC@ 1l/ha TO ₁ -Seed treatment with (Cyazypyr+Thiomethoxam) @6ml/kg of seed+ installation of bird perches upto 45DAS+Foliar application of Tetraniiprole@200ml/ha at 30DAS+Whorl application & field placement of poison bait(10kg rice bran+2kg Jaggery+2-3 litre of water+100gm Thiodicarb) at45 DAS TO ₂ - Seed treatment with (Cyatraniliprole 19.8%+Thiomethoxam 19.8% FS) @6ml/kg of seed, Spraying with Azadirachtin 1500ppm @ 3ml/litre of water at 21 DAS and Thiomethoxam 12.6%+ Lambda-Cyhalothrin 9.5%ZC @ 125ml/ha at 35DAS.									
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	SAU (TO ₁ : RRTTS, Ranital, OUAT, 2022), (TO ₂ : OUAT AR, 2019)									
5.	Production system and thematic area	Integrated Pest 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	
		No. of larvae per plant	No. of plant infested/m ²								
		FP	5.7	6.4		44.2	-	49870	106080	56210	2.1
		TO ₁	0.9	1.2		55.6	25.8	53985	133440	79455	2.5

		TO ₂	1.6	2.3	49.8	12.7	52554	119520	66966	2.3
7.	Final recommendation for micro level situation	Seed treatment with (Cyazypyr+Thiomethoxam) @6ml/kg of seed+ installation of bird perches upto 45DAS+Foliar application of Tetraniliprole@200ml/ha at 30DAS+Whorl application & field placement of poison bait(10kg rice bran+2kg Jaggery+2-3 litre of water+100gm Thiodicarb) at45 DAS reduces the fall armyworm infestation and thereby increases yield in Maize.								
8.	Constraints identified and feedback for research	-								
9.	Process of farmers participation and their reaction	Farmers accept the use of this technology in effectively reducing the infestation to a considerable level and in enhancing the yield.								

Thematic area: IPM

Problem definition: Low yield in Maize due to heavy infestation of Fall Armyworm

Technology assessed: FP- Application of Profenphos 50EC@ 1l/ha

TO₁- Seed treatment with (Cyazypyr+Thiomethoxam) @6ml/kg of seed+ installation of bird perches upto 45DAS+Foliar application of Tetraniliprole@200ml/ha at 30DAS+Whorl application & field placement of poison bait(10kg rice bran+2kg Jaggery+2-3 litre of water+100gm Thiodicarb) at45 DAS

TO₂-Seed treatment with (Cyatraniliprole 19.8%+Thiomethoxam 19.8% FS) @6ml/kg of seed, Spraying with Azadirachtin 1500ppm @ 3ml/litre of water at 21 DAS and Thiomethoxam 12.6%+ Lambda-Cyhalothrin 9.5%ZC @ 125ml/ha at 35DAS

Table:

Technology option	No. of trials	Disease/ insect pest incidence (%)		Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of larvae per plant	No. of plant infested/m ²					
FP	7	5.7	6.4	44.2	49870	106080	56210	2.1
TO ₁	7	0.9	1.2	55.6	53985	133440	79455	2.5
TO ₂	7	1.6	2.3	49.8	52554	119520	66966	2.3

OFT-7

1.	Title of On farm Trial	Assessment of disease resistant chilli hybrid	
2.	Problem diagnosed	Due to more diseases pest the yield is low	
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP	Cultivation of local chilli with more disease and insect pest
		TO ₁	Cultivation of Multiple disease resistant chilli hybrid Arka Gagan
		TO ₂	Cultivation of Multiple disease resistant chilli hybrid Arka Tejasvi
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	(ICAR-IIHR 2020)	

5.	Production system and thematic area	Varietal evaluation
6.	Performance of the Technology with performance indicators	Plant height (cm.), No. of fruits per plant, Single Fruit weight and Yield (q/ha)
7.	Final recommendation for micro level situation	Arka gagan is performs better with less disease with highest yield (106.8q/ha) with strong resistance to multiple diseases like Chilli leaf curl virus and phytophthora root rot.
8.	Constraints identified and feedback for research	Source of seeds is only IIHR but not locally available
9.	Process of farmers participation and their reaction	Farmers are satisfied with the growth and yield

Thematic area: Varietal evaluation

Problem definition: Due to more diseases pest the yield is low

Technology assessed: 1. Cultivation of Multiple disease resistant chilli hybrid Arka Gagan.

2. Cultivation of Multiple disease resistant chilli hybrid Arka Tejasvi

Table:

Technology option	No. of trials	Yield component			Yield (q/ha)	% yield increase	Cost of cultivation (Rs. /ha)	Gross return (Rs/ha)	Net return (Rs. /ha)	BC ratio
		Plant height (cm)	Nos. of Fruit/plant	Single fruit weight						
FP	07	58.98	72.8	4.07	88.78	-	84567	221950	137383	2.62
TO ₁	07	62.76	93.8	4.26	106.85	16.91	76760	267125	190365	3.48
TO ₂	07	65.48	83.8	3.91	98.80	11.28	78650	247000	168350	3.14

Results: Arka gagan is performs better with less disease with highest yield (106.8q/ha) with strong resistance to multiple diseases like Chilli leaf curl virus and phytophthora root rot.

OFT-8

1.	Title of On farm Trial	Assessment of Kharif Onion	
2.	Problem diagnosed		
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP	Cultivation of cauliflower and cabbage.
		TO ₁	Cultivation of onion variety Arka Kalyan
		TO ₂	Cultivation of onion Arka Bheem
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	(ICAR-IIHR 2016)	
5.	Production system and thematic area	Varietal evaluation	
6.	Performance of the Technology with performance indicators	Plant height(cm), No of Days to bulb initiation, Average Bulb Weight(gm) and Yield (q/ha)	
7.	Final recommendation for micro level situation	Arka Bheem is performing better with better size bulb, yield(158.96q/ha) and can be cultivated during kharif season.	
8.	Constraints identified and feedback for research	Source of seeds is only IIHR but not locally available	
9.	Process of farmers participation and their reaction	Farmers are satisfied with the growth and yield	

Thematic area: Varietal evaluation

Problem definition: Less returns from upland from pulses and millets.

Technology assessed: 1. Cultivation of onion variety Arka Kalyan

2. Cultivation of onion Arka Bheem

Table:

Technology option	No. of trials	Yield component			Yield (q/ha)	% yield increase	Cost of cultivation (Rs. /ha)	Gross return (Rs/ha)	Net return (Rs. /ha)	BC ratio
		Plant height (cm)	No of Days to bulb initiation	Avarage Bulb weight (gm)						
FP	07	-	-	-	114.3	-	55830	171450	115620	3.07
TO ₁	07	46.7	56.6	29.65	145.76	27.52	69250	218640	149390	3.15
TO ₂	07	47.8	54.7	30.45	158.96	39.07	74170	238440	170270	3.21

Results: Arka Bheem is performing better with better size bulb, yield (158.96q/ha) and can be cultivated during kharif season

OFT-9

1.	Title of on farm Trial	Assessment of humidity management in paddy straw mushroom production in summer season
2.	Problem diagnosed	Low yeild
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Conventional method TO1- Cultivation of mushroom using bundle paddy straw substrate, covering the floor with sand, spreading wet gunny bags in wall and window TO2- Cultivation of mushroom using bundle paddy straw substrate, covering the floor with moist sand, installation of fogger system
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CTMRT, OUAT-2019
5.	Production system and thematic area	Mushroom
6.	Performance of the Technology with performance indicators	TO ₁ - Cultivation of mushroom using bundle paddy straw substrate, covering the floor with sand, spreading wet gunny bags in wall and window TO ₂ - Cultivation of mushroom using bundle paddy straw substrate, covering the floor with moist sand, installation of fogger system
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 high profit

Thematic area: Mushroom cultivation

Problem definition: Low yield

Technology assessed: FP- Conventional method

TO1- Cultivation of mushroom using bundle paddy straw substrate, covering the floor with sand, spreading wet gunny bags in wall and window

TO2- Cultivation of mushroom using bundle paddy straw substrate, covering the floor with moist sand, installation of fogger system

Table:

Results	Yield (kg / 10 bed)	Cost of cultivation (kg/10 bed)	Biological efficiency (%)	Gross income (Rs. /10 bed)	Net Income (Rs. /10 bed)	BC Ratio
FP	3	500	3	900	400	1.8
TO ₁	5	550	6	1500	950	2.7
TO ₂	7	700	10	2250	1550	3.2

Results: - Farmers accepted TO1 as it is low-cost technology and gives good profit

-Also, farmers highly accepted TO2 but need some financial support as it is high-cost technology with very good profit

OFT-10

1.	Title of on farm Trial	Assessment of effectiveness of various sources of information for pest management in rice
2.	Problem diagnosed	Yield loss due to poor accessibility to accurate and timely information on technical knowledge for pest management in rice
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Information from fellow farmer and input dealers TO ₁ - Information field level extension functionaries (VAW/E-pest surveillance) TO ₂ - Technological backstopping from KVK
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	
5.	Production system and thematic area	
6.	Performance of the Technology with performance indicators	Accuracy, timeliness, usability, reliability, accessibility, change in knowledge, skill
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition:

Technology assessed:

FP- Information from fellow farmer and input dealers
TO₁- Information field level extension functionaries (VAW/E-pest surveillance)
TO₂- Technological backstopping from KVK

Table:

Observation Parameters (Farmers Opinion)	%	PF	TO ₁	TO ₂
Timelines of message	%	26.66	66.66	76.66
Accuracy of the information	%	16.66	70.00	76.33
Usability of the information	%	23.33	63.33	70.00
Change in Knowledge	%	26.66	56.66	66.66
Effectiveness of information	%	13.33	66.66	83.33

OFT-11

1.	Title of on farm Trial	Assessment of effectiveness of extension method for transfer of Seed treatment technology in different field crops (Groundnut) in the operational area of KVK
2.	Problem diagnosed	Less efficacy of existing technology transferred method (Peer group, input dealers)
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Informal method of getting technology through neighbors, input dealers etc., T ₁ : Technology transfer through trainings T ₂ : Technology transfer through method demonstration
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	
5.	Production system and thematic area	
6.	Performance of the Technology with performance indicators	Rate of technology adoption, change in farm income, knowledge gain (%), Yield
7.	Final recommendation for micro level situation	-
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition:

Technology assessed:

FP: Informal method of getting technology through neighbors, input dealers etc.,

T₁: Technology transfer through trainings

T₂: Technology transfer through method demonstration

Table:

Observation Parameters (Farmers Opinion)	%	PF	TO ₁	TO ₂
Timelines of message	Data analysis process is going on			
Accuracy of the information				
Us ability of the information				
Change in Knowledge				
Effectiveness of information				

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.	Groundnut	INM	STBFR + FYM @ 2 t / ha + Lime @ 0.2 LR + S @ 30 kg /ha + B @ 1.25 kg/ha	1	1	1	1	5	2	1	0	7	3	10	
2.	Garden pea	INM	Application of vermicompost 5 t /ha + Seed inoculation with Rhizobium @ 50 g / kg seed+ soil application of Bio-fertilizers PSB @ 6 kg per ha mixed with vermicompost (1:25) under shade at 30% moisture for 7 days	1	1	1	0	6	3	0	0	7	3	10	
3	Raikia Bean	ICM	Use of nylon net as trellis, application of 75 % soil test based NPK + FYM @ 5 t/ha + Bio-fertilizers PSB @ 6 kg per ha mixed with prelied (5%) FYM (1:25) under shade at 30% moisture for 7 days	1	1	2	0	5	2	1	0	8	2	10	
4	Mustard	INM	STBFR + FYM @ 2 t/ha + Soil application of Zn @ 5kg/ha and B @ 1kg/ha along with S @ 40 kg/ha	1	1	1	0	2	7	0	0	3	7	10	

5	Aromatic Rice	Varietal Substitution	Cultivation of Aromatic rice variety Kalajeera, duration- 145-150 days, seed rate – 30 kg/ha Line sowing with spacing 20x15 cm, black paddy, small grain size, distinct aroma, taste and texture.	1	1	2	1	3	2	2	0	7	3	10	
6.	Finger millet	Weed Management	Pre-emergence application of Bensulfuron methyl 0.6% + Pretilachlor 6% @ 10 kg/ha at 2 DAT & 2,4-D ethyl ester @ 1350 ml/ha at 30 DAT	1	1	1	1	3	3	2	0	6	4	10	
7.	Mustard	Varietal Substitution	Use of high yielding mustard variety, Sampoorna Duration- 110-115 days, seed rate- 10 kg/ha, line sowing with soil test-based fertilizer application, non-shattering type with brownish-grey and medium size seeds, Avg. yield-1337 kg/ha,	1	1	3	0	3	1	2	1	8	2	10	
8.	Sunflower	Weed Management	Post-emergence application of Quizalofop-p-ethyl 5 % EC @ 1.5 ml/lit at 15-20 DAS followed by one intercultural operation at 30 DAS	1	1	2	2	4	1	1	0	7	3	10	
9	Ragi	IDM	Seed treatment with <i>P. fluorescens</i> @ 6ml/kg of seed followed by two sprayings of <i>P. fluorescens</i> @ 6 ml/l at 50% flowering and second one after 10 days	1	1	2	0	8	0	0	0	10	0	10	
10	Rice	IPM	Spraying of combination of <u>Chloraniliprole</u> 20%SC @ 0.3ml/l + Cartap hydrochloride 50% SP @	1.0	1.0	02	00	08	00	00	00	10	00	10	Rice

			2gm/1+Triflumezopyrim 10%SC @ 0.48 ml/l at 25, 50 and 65 DAT												
11	Tender jackfruit	Value addition	Processing and packaging of tender jackfruit Treatment- 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	Homestead	-	0	4	0	6	0	10	0	10	10	
12	Oyster mushroom	Value addition	Value addition of oyster mushroom Preparation of soup powder Treatment- Fresh mushroom 125 g, corn flour 50 g, milk powder 25 g, salt 8 g, sugar 3 g, black pepper 2 g, Oregano- 2 g has been developed	Homestead	-	0	2	0	8	0	10	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 ₂ O ₅	K ₂ O					
Groundnut	Kharif	RF upland	Sandy loam	142.4 to 296.8	11.2 to 22.3	205.1 to 293.6	Maize	15.07.2025	21.10.2025	692.7	32
Garden pea	Kharif	Medium irrigated land	Sandy loam	134.1 to 305.2	18.4 to 23.1	205.7 to 311.4	Tomato	22.04.2025	27.01.2026	461.3	22
Raikia Bean	Kharif	Medium irrigated land	Sandy loam	222.2 to 278.2	10.6 to 33.5	192.2 to 288.7	Brinjal	11.10.2025	28.02.2026	461.3	22
Mustard	Rabi	Medium irrigated land	Sandy loam	244.7 to 302.8	09.5 to 21.8	197.5 to 276.1	Tomato	17.09.2025	15.12.2025	461.3	22
Aromatic rice	Kharif	RF medium/low land	Sandy clay loam	197.5	11.7	302.6	Fallow	27.07.2025	30.11.2025	744.1	47
Finger millet	Kharif	RF upland/medium land	Clay loam	223.5	22.5	312.5	Fallow	04.08.2025	12.12.2025	744.1	47
Mustard	Rabi	Irrigated medium land	Sandy loam	236.4	28.3	294.3	Groundnut Vegetables	06.10.2025	23.01.2026	461.3	22
Sunflower	Rabi	Irrigated medium land	Clay loam	246.5	26.4	286.4	Vegetables	25.10.2025	15.01.2026	461.3	22
Ragi	Kharif	RF	Sandyloam	267.5	11.7	218.2	Nil	25.07.2025	07.12.2025	692.7	32
Rice	Kharif	RF	Sandyloam	244.6	16.3	188.9	Nil	15.07.2025	17.12.2025	692.7	32

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Garden pea	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	1	107.2	86.5	23.9	69700	235840	166140	3.4	61200	190300	129100	3.1
Raikia bean	ICM	Use of nylon net as trellis, application of 75 % soil test based NPK + FYM @ 5 t/ha + Bio-fertilizers PSB @ 6 kg per ha mixed with prelimed (5%) FYM (1:25) under shade at 30% moisture for 7 days	10	1	133.2	76.8	73.4	97600	466200	368600	4.8	62300	268800	206500	4.3

Brinjal	IPM	Rotational spraying with Rynaxypyr 18.5 SC @ 0.3 ml/l, Emamectin benzoate 5 SG @ 0.3 g/l followed by Indoxacarb 14.5 SC @ 0.5 ml/l at 10 days interval starting from 35 DAT	10	1.0	267.4	218.5	22.7	84700	267400	182700	3.1	78800	218500	139700	2.7
Tomato	IWM	Pre emergence application of Metribuzine (70%WP) @ 750 g/ha followed by one hand weeding on 30 days after transplanting	10	2	287.5	255.6	12.6	84550	230000	145450	2.72	79870	204480	124610	2.56
Marigold	INM	Application of 45:90:75 kg NPK/ha in 2 split doses and of Azospirillum and phospho-bacteria 2kg each/ ha applied at the time of planting. Foliar spray of FeSO4 0.5% and ZnSO4 0.5% on 30th and 45th days of transplanting (TNAU-2017)	10	1	156.3	143.4	8.99	293457	625200	331743	2.13	277100	573600	296500	2.07

Potato	INM	Application of Calcium Sulphate @ 25 kg/ha as basal along with recommended fertilizers (120-80-100 kg N-P ₂ O ₅ -K ₂ O)Kg/ha(AICRP on Potato, BBSR, 2015)	10	2	212.8	187.6	13.4	78450	170240	91790	2.17	71200	150080	78800	2.10
Papaya	ICM	Planting mechanism in Red lady variety of Papaya having Spacing between PXP and RXR = 1.5X1.5m by which no. of plant population will be more than traditional system of planting	10 Continue.												

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Sensory parameter		Keeping quality(days)		Net Income (Rs/10kg product)		BCR	
					Demonstration	Check	Demo	Check	Demo	Check	Demo	Check
Finger millet	Value addition	Demonstration on value addition of finger millet for enhancing income of SHG	10	Homestead	3.6	4.2	45	30	780/-	220/-	2.08	1.6
Tomato	Value addition	Demonstration on weed management in tomato	10	Homestead	4.1	-	90	10	1620/-	440/-	2.5	1.5

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.)			
					Demons ration	Check		Demons ration	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.)			
					Demons ration	Check		Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl. specify)																	
		Total															

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

** BCR= GROSS RETURN/GROSS COST

Other enterprises

1.

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters (Days of 1 st flush)		% change in major parameter	Other parameter Yield (kg / 10 beds)		*Economics of demonstration (Rs.) or Rs./10 beds				*Economics of check (Rs.) or Rs./10 beds			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster Mushroom	Demonstration on cultivation of Oyster mushroom	10	10	22	24	-	22	17	500	2200	1700	4.4	5003.4	1700	1200	3.4
Total		10	10													

2.

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit					
				Demonstration	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR		
Apiculture	Selection of ample bee foraging plants and identifying the honey flow season in a particular area for comb honey production, maintenance of young prolific queen with populous colony in a hive with ISI specification particularly w.r.t bee space, training and stimulating the bees to construct new natural combs, fixing new comb in super frame with plastic casing measured (208 X 65 X 23 mm), collection of comb honey frames when sealed 80-100% in super chamber. Removal of comb honey from wooden or with no damage to combs.	05	05	Continuing												
Total		5	5													

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

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Groundnut	<ol style="list-style-type: none"> 1. The farmers observed that application of soil test-based fertilizer recommendation along with FYM, lime, sulphur and boron improved crop growth and resulted in higher pod yield (16.2 q/ha) compared to farmer's practice (12.8 q/ha). 2. The farmers expressed that the improved nutrient management practice helped in better pod development and uniform crop growth, leading to a 26.6% increase in yield over farmer's practice. 3. The participating farmers reported that the demonstration practice resulted in higher economic return with net income of ₹61,540/ha and B:C ratio of 2.6, which was significantly better than the farmer's practice. 4. The farmers showed interest in adopting the recommended integrated nutrient management practice in their groundnut fields during the next cropping season.
2	Garden pea	<ol style="list-style-type: none"> 1. The farmers observed that application of soil test based fertilizer recommendation along with vermicompost, mulching with sal leaves and biofertilizers improved plant growth and pod development in garden pea. 2. The demonstration practice resulted in higher pod yield (107.2 q/ha) compared to farmer's practice (86.5 q/ha), showing a 23.9% increase in yield. 3. Farmers reported that mulching with sal leaves helped in conserving soil moisture and reducing weed growth, which contributed to better crop performance. 4. The improved practice provided higher economic return with net income of ₹1,66,140/ha and B:C ratio of 3.4, encouraging farmers to adopt integrated nutrient management in pea cultivation.
3	Raikia Bean	<ol style="list-style-type: none"> 1. Farmers observed that the use of nylon net as trellis support improved plant growth and facilitated better pod formation in Raikia bean crop. 2. The demonstration resulted in higher pod yield (133.2 q/ha) compared to farmer's practice (76.8 q/ha), recording a 73.4% increase in yield. 3. Farmers appreciated that the trellis system reduced pod damage, improved aeration and made harvesting easier, which enhanced overall crop productivity.

		4. The improved practice generated higher economic benefit with net return of ₹3,68,600/ha and B:C ratio of 4.8, motivating farmers to adopt the recommended technology in the coming season.
4	Mustard	<ol style="list-style-type: none"> 1. Farmers observed that application of soil test based nutrients along with zinc, boron and sulphur significantly improved plant growth and siliqua formation in mustard crop. 2. The demonstration resulted in higher seed yield of 7.1 q/ha compared to 4.9 q/ha in farmer's practice, showing a 44.9% yield increase. 3. The farmers appreciated that the improved practice provided better economic benefit with net return of ₹24,010/ha and B:C ratio of 2.2, compared to the farmer's practice. 4. Farmers expressed willingness to adopt balanced nutrient management based on soil testing for improving mustard productivity and soil fertility in their fields.
5	Aromatic rice	The Aromatic rice variety Kalajeera performed better and gave higher yield of 18.3% over local scented rice variety.
6	Finger millet	Application of (Bensulfuron methyl 0.6% +Pretilachlor 6%) at 10 kg/ha at 2 DAT followed by 2,4-D ethyl ester 1350 ml/ha at 30 DAT effectively controls weed and increased yield by 23.9% over farmers practice
7	Mustard	Cultivation of high yield variety Sampoorna performed better than local variety and gives yield to the tune of 7.3q/ha
8	Sunflower	Post-emergence application of Quizalofop-p-ethyl 5 % EC @ 1.5 ml/lit at 15-20 DAS followed by one intercultural operation at 30 DAS increased the yield by 29.8% over FP.
9	Finger millet- Muruku	Accepted this technology as Muruku was easily prepared and gives more profit and can be kept for upto one month
10	Oyster mushroom soup powder	Accepted this technology as soup was easily prepared and gives more profit and can be kept for upto two months

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Number of participants	Remarks
1.	Field days	18	630	
2.	Farmers Training	19	475	
3.	Media coverage	08	Mass	
4.	Training for extension functionaries	05	75	

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2025 and Rabi 2024-25: NIL

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

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any

E. Specific Characteristics of Technology and Performance

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Production of livestock feed and fodder														
Production of Fish feed														
Mushroom production														
Apiculture														
Others														
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
XI. Agro forestry														
Production technologies														
Nursery management														
Integrated Farming Systems														
Others														
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)														
GRAND TOTAL	7	0	12	12	0	33	33	39	91	130	39	136	175	

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	2	0	2	0	0	0	11	2	13	13	2	15	
Production of organic inputs	2	0	0	0	5	12	17	11	2	13	16	14	30	
Planting material production	1	0	0	0	0	0	0	7	8	15	7	8	15	

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST			M	F	T
		M	F	T	M	F	T	M	F	T			
Livestock feed and fodder production													
Household food security	1	1	1	2	0	4	4	0	10	10	2	13	15
Mushroom Production	1	0	0	0	2	4	6	5	7	12	9	6	15
Integrated Weed Management	1	4	2	6	3	0	3	5	1	6	12	3	15
Information Technology													
Plant Nutrient Deficiency	1	4	1	5	3	0	3	6	1	7	13	2	15
Natural Farming	1	1	1	2	2	1	3	7	3	10	10	5	15
Other (Apiculture)	1	3	1	4	3	0	3	6	2	8	12	3	15
Total	10	20	7	27	15	12	27	68	32	100	106	44	150

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	01	03	05	05	10	08	04	12	15	10	25
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management	4	6	2	8	8	14	22	54	24	78	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
Total	12	23	10	33	39	45	84	127	64	191	189	111	300
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Offseason vegetables	1				0	1	1	10	14	24	10	15	25
Nursery raising	1							14	11	25	14	11	25

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 (f)														
g) Medicinal and Aromatic Plants														
Nursery management														
Production and management technology														
Post harvest technology and value addition														
Others														
Total (g)														
Total(a-g)	9	0	0	0	12	4	16	108	101	209	120	105	225	
III. Soil Health and Fertility Management														
Soil fertility management	1	0	0	0	0	1	1	5	19	24	5	20	25	
Integrated water management	1	0	0	0	14	6	20	3	2	5	17	8	25	
Integrated Nutrient Management	3	0	0	0	5	0	5	41	29	70	46	29	75	
Production and use of organic inputs	1	0	0	0	0	0	0	11	14	25	11	14	25	
Management of Problematic soils	1	0	0	0	0	6	6	7	12	19	7	18	25	
Micro nutrient deficiency in crops	1	0	0	0	0	0	0	9	16	25	9	16	25	
Nutrient Use Efficiency	1	0	0	0	10	10	20	3	2	5	13	12	25	
Balance Use of fertilizer	1	0	0	0	0	0	0	18	7	25	18	7	25	
Soil & water testing	1	0	0	0	0	3	3	12	10	22	12	13	25	
Organic farming	1	0	0	0	0	1	1	10	14	24	10	15	25	
Integrated Crop Management	1	0	0	0	8	0	8	17	0	17	25	0	25	
others	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	13	0	0	0	37	27	64	136	125	261	173	152	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														
Designing and development for high nutrient efficiency diet	2	0	7	7	0	33	33	0	10	10	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				
Breeding and culture of ornamental fishes														
Portable plastic carp hatchery														
Pen culture of fish and prawn														
Shrimp farming														
Edible oyster farming														
Pearl culture														
Fish processing and value addition														
Others														
Total														
IX. Production of Input at site														
Seed Production														
Planting material production														
Bio-agents production														
Bio-pesticides production														
Bio-fertilizer production														
Vermi-compost production														
Organic manures production														
Production of fry and fingerlings														
Production of Bee-colonies and wax sheets														
Small tools and implements														
Production of livestock feed and fodder														
Production of Fish feed														
Mushroom production														
Apiculture														
Others														
Total														
X. Capacity Building and Group Dynamics														
Leadership development														
Group dynamics	4	8	6	14	15	10	25	52	9	61	75	25	100	
Formation and Management of SHGs	2	3	3	6	9	2	11	24	9	33	36	14	50	
Mobilization of social capital														
Entrepreneurial development of farmers/youths														
WTO and IPR issues														
Agricultural Marketing	2	4	4	8	5	4	9	20	13	33	29	21	50	
Use of mass media	2	8	2	10	10	5	15	17	8	25	35	15	50	
Formation of FPO	2	4	1	5	10	5	15	20	10	30	34	16	50	
Total	12	27	16	43	49	26	75	133	49	182	209	91	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				
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	2	0	3	3	0	8	8	0	39	39	0	50	50	
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	
Mushroom cultivation	4	0	18	18	0	27	27	0	55	55	0	100	100	
Women empowerment														
Location specific drudgery reduction technologies	1	0	4	4	0	5	5	0	16	16	0	25	25	
Value addition	3	0	9	9	0	14	14	0	52	52	0	75	75	
Rural Crafts														
Women and child care														
Poultry Management														
Total	13	0	47	47	0	101	101	0	177	177	0	325	325	
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	9	0	6	6	3	16	19	88	112	200	91	134	225	
Integrated Disease Management	3	1	0	1	0	8	8	32	34	66	33	42	75	

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				
Leadership development														
Group dynamics	4	8	6	14	15	10	25	52	9	61	75	25	100	
Formation and Management of SHGs	2	3	3	6	9	2	11	24	9	33	36	14	50	
Mobilization of social capital														
Entrepreneurial development of farmers/youths														
WTO and IPR issues														
Agricultural Marketing	2	4	4	8	5	4	9	20	13	33	29	21	50	
Use of mass media	2	8	2	10	10	5	15	17	8	25	35	15	50	
Formation of FPO	2	4	1	5	10	5	15	20	10	30	34	16	50	
Total	12	27	16	43	49	26	75	133	49	182	209	91	300	
XI. Agro forestry														
Production technologies														
Nursery management														
Integrated Farming Systems														
Others														
Total														
XII. Others (Pl. Specify)														
GRAND TOTAL	74	51	79	130	140	239	379	659	690	1341	850	1000	1850	

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	2	0	2	0	0	0	11	2	13	13	2	15
Production of organic inputs	2	0	0	0	5	12	17	11	2	13	16	14	30
Planting material production	1	0	0	0	0	0	0	7	8	15	7	8	15
Vermiculture	1	0	0	0	3	0	3	11	1	12	14	1	15
Mushroom Production	1	0	0	0	3	9	12	2	1	3	5	10	15

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Information Technology	1	4	2	6	3	0	3	5	1	6	12	3	15
Plant Nutrient Deficiency	1	4	1	5	3	0	3	6	1	7	13	2	15
Natural Farming	1	1	1	2	2	1	3	7	3	10	10	5	15
Other (Apiculture)	1	3	1	4	3	0	3	6	2	8	12	3	15
Total	12	28	11	39	21	12	33	78	34	103	130	50	180

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	Soil Fertility Management Strategies for Sustainable Agriculture	1 day	Off Campus	5	20	25	5	20	25
Soil Science	F/FW	Organic nutrient management practices for major vegetables grown in Kandhamal district	1 day	Off Campus	10	15	25	10	15	25
Soil Science	F/FW	Balanced use of fertilizers for millet cultivation	1 day	Off Campus	18	7	25	18	7	25
Soil Science	F/FW	Nutrient management practices for oilseed cultivation	1 day	Off Campus	16	9	25	16	9	25
Soil Science	F/FW	Nutrient management strategies for enhancing pulse productivity in Kandhamal district	1 day	Off Campus	19	6	25	19	6	25
Soil Science	F/FW	Integrated nutrient management practices for important fruit crops	1 day	Off Campus	11	14	25	11	14	25

		grown in Kandhamal district								
Soil Science	F/FW	Production technique of NADEP Compost for Sustainable Soil Enrichment	1 day	Off Campus	11	14	25	11	14	25
Soil Science	F/FW	Strategies and Practices for Management of Acid Soils	1 day	Off Campus	7	18	25	7	18	25
Soil Science	F/FW	Importance and use of Soil Health Card	1 day	Off Campus	12	13	25	12	13	25
Soil Science	F/FW	Strategies and Practices for Soil and Water Conservation	1 day	Off Campus	17	8	25	17	8	25
Soil Science	F/FW	Strategies to Increase Plant Nutrient Use Efficiency	1 day	Off Campus	13	12	25	13	12	25
Soil Science	F/FW	Best Practices for Management of Micro Nutrient Deficiency in Soil	1 day	Off Campus	9	16	25	9	16	25
Soil Science	F/FW	Use of nylon net and INM practices for raikia bean cultivation	1 day	Off Campus	25	0	25	25	0	25
Soil Science	RY	Production techniques for vermicompost and vermi wash	2 days	On Campus	14	1	15	14	1	15
Soil Science	RY	Production techniques of enriched compost	2 days	On Campus	13	2	15	13	2	15
Soil Science	IS	Nutrient Management in Natural Farming : Principles and Practices	1 day	On Campus	10	5	15	9	4	13
Soil Science	IS	Identification of plant nutrient deficiency symptoms and their management strategies	1 day	On Campus	13	2	15	9	1	10

Agronomy	F/FW	Integrated weed management in upland paddy	1 day	Off	18	7	25	15	8	23
Agronomy	F/FW	Weed management in garden pea cultivation	1 day	Off	16	9	25	16	7	23
Agronomy	F/FW	Package of practices for Finger millet cultivation	1 day	Off	12	13	25	14	8	22
Agronomy	F/FW	Package of practices for field pea cultivation	1 day	Off	17	8	25	13	11	24
Agronomy	F/FW	Package of practices for Sunflower cultivation	1 day	Off	15	10	25	12	13	25
Agronomy	F/FW	Package of practices for little millet cultivation	1 day	Off	14	11	25	9	13	22
Agronomy	F/FW	Production technique for enriched compost making	1 day	Off	10	15	25	15	8	23
Agronomy	F/FW	Production technique for maize-cowpea intercropping	1 day	Off	14	11	25	14	9	23
Agronomy	F/FW	Importance of crop diversification in agriculture	1 day	Off	19	6	25	15	6	21
Agronomy	F/FW	Water and nutrient management in SRI method of rice cultivation	1 day	Off	10	15	25	8	13	21
Agronomy	F/FW	Organic farming and its components	1 day	Off	19	6	25	15	6	21
Agronomy	F/FW	Integrated farming system techniques	1 day	Off	15	10	25	13	9	22
Agronomy	RY	Preparation of bio-concentrates for agricultural use	2 days	On	3	12	15	3	12	15
Agronomy	RY	Quality seed production techniques	2 days	On	13	2	15	11	2	13
Agronomy	RY	Storage techniques for food grains	2 days	On	15	0	15	14	0	14

Agronomy	RY	Indigenous Technical Knowledge in Agriculture	2 days	On	8	7	15	7	6	13
Agronomy	IS	Different types of herbicides and its application in various crops	1 day	On	12	3	15	8	1	9
Agronomy	IS	Use of bio-stimulants under protected cultivation	1 day	On	12	3	15	7	2	9
Plant Protection	F/FW	Different techniques of seed treatment in crops	1 day	Off	07	18	25	07	18	25
Plant Protection	F/FW	IDM in Turmeric	1 day	Off	05	20	25	05	20	25
Plant Protection	F/FW	Integrated management of stem borer in Rice	1 day	Off	14	11	25	14	09	23
Plant Protection	F/FW	Integrated management of FAW in Maize	1 day	Off	10	15	25	10	15	25
Plant Protection	F/FW	Preparation of Spray Solutions, spraying methods and judicious use of pesticides	1 day	Off	13	12	25	13	09	22
Plant Protection	F/FW	Integrated management of Shoot & Fruit borer in Brinjal	1 day	Off	00	25	25	00	25	25
Plant Protection	F/FW	IPM in Raikia Bean	1 day	Off	11	14	25	11	14	25
Plant Protection	F/FW	Integrated management of Sucking pests in Chilli	1 day	Off	21	04	25	21	04	25
Plant Protection	F/FW	IDM in Cabbage	1 day	Off	24	01	25	23	01	24
Plant Protection	F/FW	IDM in Mustard	1 day	On	04	21	25	04	21	25
Plant Protection	F/FW	IPM in Pea	1 day	Off	07	18	25	07	17	24
Plant Protection	F/FW	IPM on Okra	1 day	Off	08	17	25	08	17	25
Plant Protection	RY	Scientific Bee Keeping	2 days	On	15	00	15	15	00	15
Plant Protection	RY	Scientific Bee Keeping	2 days	On	15	00	15	14	00	14

Plant Protection	IS	Comb Honey production technology in Asian Bee	1 day	On	12	03	15	09	02	11
Plant Protection	IS	Pest management in Natural farming	1 day	On	09	06	15	07	06	13
Plant Protection	Vocational	Scientific Bee Keeping	5 days	On	04	01	05	04	00	04
Horticulture	F/FW	Nursery Management for Vegetable	1 day	on	15	11	25	15	11	25
Horticulture	F/FW	Improved papaya Cultivation	1 day	Off	19	6	25	19	6	25
Horticulture	RY	Planting material PtoDUCTION	2 days	on	7	8	15	7	8	15
Horticulture	F/FW	Kharif onion Cultivation	1 day	Off	9	16	25	9	16	25
Horticulture	F/FW	Organic Vegetable cultivation	1 day	Off	14	11	25	14	11	25
Horticulture	F/FW	Improved vegetable cultivation in Rabi	1 day	Off	10	15	25	10	15	25
Horticulture	RY	Entrepreneurship development through Horticulture	2 days	On	4	11	15	4	11	15
Horticulture	F/FW	Cultivation of Solaneceous vegetable in Winter	1 day	On	9	16	25	9	16	25
Horticulture	F/FW	Improved Potato cultivation	1 day	On	18	7	25	18	7	25
Horticulture	F/FW	Floriculture for Improved livelihood	1 day	On	8	17	25	8	17	25
Horticulture	F/FW	Cucurbits in Summer for better return	1 day	Off	7	18	25	7	18	25
Horticulture	F/FW	Banana Cultivation	1 day	Off	22	3	25	22	3	25
Horticulture	F/FW	Hi-tech horticulture	1 day	Off	12	13	25	12	13	25
Horticulture	IS	Rejuvenation of Old Orchard	1 day	On	12	3	15	12	3	15
Horticulture	IS	Protected cultivation Technology	1 day	On	12	3	15	12	3	15
Home Science	F/FW	Cultivation practices of Paddy straw mushroom	1 day	On	0	25	25	0	25	25

Home Science	F/FW	Value addition from ripe mango	1 day	Off	0	25	25	0	25	25
Home Science	F/FW	Cultivation practices of Paddy straw mushroom	1 day	On	0	25	25	0	25	25
Home Science	F/FW	Planning and layout of nutritional garden	1 day	On	0	25	25	0	25	25
Home Science	F/FW	Improved backyard poultry rearing	1 day	Off	0	25	25	0	25	25
Home Science	F/FW	Use of small implements for drudgery reduction of farm woman	1 day	Off	0	25	25	0	25	25
Home Science	F/FW	Inclusion of high fiber millets in regular food of children and woman	2 days	Off	0	50	50	0	50	50
Home Science	F/FW	Use of indigenous techniques for storing grains	1 day	Off	0	25	25	0	25	25
Home Science	F/FW	Cultivation practices of oyster mushroom	2 days	Off	15	35	50	18	32	50
Home Science	F/FW	Value addition of tender jackfruit	1 day	Off	0	25	25	0	25	25
Home Science	RY	Preparation of murukku from finger millet	2 days	On	0	30	30	0	30	30
Home Science	RY	Cultivation practices of oyster mushroom and market strategy	2 days	On	12	18	30	12	18	30
Home Science	IS	Cultivation practices of oyster mushroom and market	1 day	On	14	16	30	14	16	30
Home Science	VOC	Value addition of oyster mushroom and marketing	5 days	On	0	5	5	0	5	5
Home Science	VOC	Value addition of tender jackfruit	5 days	On	0	5	5	0	5	5
Agri. Extension	F/FW	Formation and management of SHGs	1 day	Off	0	50	50	0	50	50
Agri. Extension	F/FW	Grading and sorting of vegetable at farm	1 day	Off	12	38	50	12	38	50

		level to get more market price								
Agri. Extension	F/FW	Use of mass media and social media for technology support	1 day	Off	12	38	50	12	38	50
Agri. Extension	F/FW	Formation and management of FPOs	1 day	Off	25	25	50	25	25	50
Agri. Extension	F/FW	Formation and management of farmers club	1 day	Off	32	18	50	32	18	50
Agri. Extension	F/FW	Record keeping of SHG	1 day	Off	25	25	50	25	25	50
Agri. Extension	RY	Farmer led and market led in extension strategies	2 days	On	20	10	30	20	10	30
Agri. Extension	RY	Public and private partnership in agriculture	2 days	On	22	8	30	22	8	30
Agri. Extension	RY	Behavioral skills and motivational techniques	2 days	On	16	14	30	16	14	30
Agri. Extension	RY	Gender sensitization in agriculture	2 days	On	17	13	30	17	13	30
Agri. Extension	IS	Application of information and communication technology in agriculture	1 day	On	16	14	30	16	14	30
Agri. Extension	IS	Use of participatory techniques	1 day	On	18	12	30	18	12	30

H) Vocational training programmes for Rural Youth

a) Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants	Self-employed after training	Number of persons employed elsewhere
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Fisheries Management													
Other													
Total	05	07	06	13	14	06	20	54	13	67	75	25	100
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics	02	09	0	09	08	00	08	31	02	33	48	02	50
Other													
Total	02	09	0	09	08	00	08	31	02	33	48	02	50
Grant Total	12	31	20	51	62	38	100	215	59	274	308	117	425

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	Male	Female	Total	Male	Female	Total
					(% of total)						
Field Day	14	108	36	144	86	5	4	9	113	40	153
KisanMela	4	186	132	318	77	10	5	15	196	137	333
KisanGhosthi	0	0	0	0	0	0	0	0	0	0	0
Exhibition	3	122	142	264	88	8	7	15	130	149	279
Film Show	14	190	64	254	89	5	6	11	195	70	265
Method Demonstrations	12	155	130	285	84	4	4	8	159	134	293
Farmers Seminar	2	42	22	64	81	3	2	5	45	24	69
Workshop	2	92	28	120	77	6	5	11	98	33	131

Group meetings	12	98	160	258	68	5	7	12	103	167	270
Lectures delivered as resource persons	32	632	328	960	92	12	9	21	644	337	981
Advisory Services	38	25450	2800	28250	65	14	18	32	25464	2818	28282
Scientific visit to farmers field	83	612	284	896	68	14	10	24	626	294	920
Farmers visit to KVK	62	917	571	1488	82	18	14	32	935	585	1520
Diagnostic visits	67	188	192	380	76	14	8	22	202	200	402
Exposure visits	6	87	28	115	85	3	3	6	90	31	121
Ex-trainees Sammelan	0	0	0	0	0	0	0	0	0	0	0
Soil health Camp	4	52	43	95	95	2	4	6	54	47	101
Animal Health Camp	0	0	0	0	0	0	0	0	0	0	0
Agri mobile clinic	0	0	0	0	0	0	0	0	0	0	0
Soil test campaigns	4	32	28	60	94	3	4	7	35	32	67
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	14	0	132	132	89	9	2	11	9	134	143
Mahila Mandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	12	154	136	290	81	12	10	22	166	146	312
Mahila Kisan Divas	1	0	50	50	85	7	3	10	7	53	60
Total	386	29117	5306	34423	1562	154	125	279	29271	5431	34702

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	23
Radio talks	-
TV talks	-
Popular articles	-
Extension Literature	05
Other, if any	-

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	JNS 30	1.0	15050	6	2	10	3	4	1	20	6
Toria	Sushree	4.0	38200	5	3	14	2	3	3	22	8
Turmeric	Roma, Rashmi	100	350000	10	2	30	5	4	2	44	9
Grand Total		105	403250	21	7	54	10	11	6	86	23

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Vegetable seedlings											
Cauliflower	Madhuri	200	500			17				17	
Cabbage	Real ball	150	275			0	5				5
Tomato											
Brinjal	Akshita	3000	7500		23	70	10			70	33
Chilli	Arka Gagan, Arka Tejawsi	6200	15500		1	56	23			56	24
Onion	Arka Bheem, Arka Gagan	30000	15000			7	8			7	8
Others		4000	10000								
Fruits											
Mango											
Guava											
Lime											
Papaya	Red Lady	1069	26725	23	23	45	13			68	36
Banana											
Others											
Ornamental plants	Arka Abhi, Arka Bhanu	2000	5000	5	5	10	5			15	10
Paddy straw mushroom spawn	Paddy straw	1500 bottles	30000	25	35	40	65	10	25	75	125
Oyster mushroom spawn	Blue oyster	1500 bottles	30000	25	35	40	65	10	25	75	125
Total		49619	140500	78	102	285	194	20	50	383	366

Production of Bio-Products

Name of product	Quantity	Value (Rs.)	No. of Farmers benefitted							
			Kg	SC		ST		Other		Total
	M			F	M	F	M	F	M	F
Vermicompost	10205	2,04,100	15	6	88	31	11	4	114	41
Vermin	67.250	33,625	2	2	22	12	4	2	26	16
Bio-fungicide	-	-	-	-	-	-	-	-	-	-
Bio-agents	-	-	-	-	-	-	-	-	-	-
Others, please specify.										
Total	77455	237725	17	8	110	43	15	6	140	57

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)
Kharif 2025	Turmeric	Roma, Rashmi	80	1.0	Continue...	TL
Rabi 2024-2025	Mustard	Sampoorna	6	1.5	4.0	FS
Summer/Spring 2023						
Kharif 2025	Niger	JNS 30	3.5	1.5	1.0	FS
Rabi 2025-2026	Toria	Sushree	6	1.5	-	FS

iii) Financial Progress

Fund received (2021-22, 2022-23, 2023-24 and 2024-25)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2020-21	-	-	-	-
2021-22	-	-	-	-
2022-23	-	-	-	-
2023-24	-	-	-	-
2024-25				

iv) Infrastructure Development: NA

Item	Progress
Seed processing unit	
Seed storage structure	

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

Research paper	Title	Authors	Numbers	Farmers
	Effect of Integrated Nutrient Management Practices on Growth, Yield and Economics of Groundnut (<i>Arachis hypogaea</i> L.) Grown on Acidic Soils in Kandhamal District of Odisha, India	Sujit Kumar Mukhi, Prasanajit Mishra, Narayan Bar, Amit Phologas, Pradipta Majhi and Bijanjit Sen	-	Mass
	Effect of Balanced Fertilization and Mulching on Growth, Yield and Economics of Chilli (<i>Capsicum annuum</i> L.) in Odisha, India	Mukhi S.K., Mishra P.B. and Bar N.	-	Mass
	Influence of Integrated Nutrient Management on Growth, Yield and Economics of Chilli (<i>Capsicum annuum</i> L.) in Kandhamal, Odisha, India	S. K. Mukhi, S. S. Sardar, N. Bar and P. J. Mishra	-	Mass
Seminar/conference/ symposia papers				
Books	-	-	-	-
Book let	Problems faced by the farmers in Kandhamal district and their solutions	S.K.Mukhi and N. Bar	500	500
	Organic and Natural Methods of Jack fruit cultivation	S.K.Mukhi and N. Bar	500	500
News letter	The Kalinga	All Scientists	500	500
Popular Articles	-	-	-	-
Book Chapter	-	-	-	-
Extension Pamphlets/ literature				
Technical reports	Annual Report 2024	All Scientists	20	20
Electronic Publication (CD/DVD etc.)	ICM in Raikia bean cultivation	S.K.Mukhi	05	05
TOTAL			1525	1525

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	SLREC	SLREC-2025	Dr. N. Bar, SSH and Dr. S.K. Mukhi Scientist (Soil Science)	15-17 th May 2025	OUAT, Bhubaneswar
2	Training programme on Natural Farming	Natural Farming for sustainable agriculture	Dr. S.K. Mukhi, Scientist (Soil Science)	9-12 th September, 2025	Extension Education Institute, Hyderabad
3	PMDDKY	Inaugural session of PMDDKY	Dr. S.K. Mukhi, Scientist (Soil Science)	11 th October, 2025	ICAR, New Delhi
4	Seminar	Natural Farming	Dr. S.K. Mukhi, Scientist (Soil Science)	24 th February, 2026	ICAR-CIWA, Bhubaneswar
5	Awareness programme	Awareness programme on Kisan Sarathi 2.0	Prasanta Kumar Nanda Scientist (PP)	20.02.26(One day)	ICAR-ATARI, Kolkata

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

Scientific Cultivation Empowered a Tribal Farmer: A Success Story from Kandhamal

Mr. Gandhi Pradhan,
Village: Sudhipada,
Block: G. Udayagiri,
Dist. : Kandhamal,
State: Odisha
Age: 48 years
Education: 10th
Phone No. 9438237871



Crop: Groundnut, **Intervention:** Integrated Nutrient Management (INM) practices
Facilitating Institution: Krishi Vigyan Kendra (KVK), Kandhamal, OUAT

INTRODUCTION

Mr. Gandhi Pradhan, a tribal farmer from Sudhipada village in G.Udayagiri block of Kandhamal district, had been cultivating paddy, groundnut, maize and vegetables on his 4 acres of land using traditional methods. He has been involved in agriculture for the past five years. However, the income from these crops remained very low due to poor yield and following unscientific nutrient management practices.

PLAN AND SUPPORT

Mr. Pradhan came in contact with Krishi Vigyan Kendra (KVK), Kandhamal during 2023-24 and participated in a capacity building programme on Integrated Nutrient Management (INM) for groundnut cultivation. Being motivated by the training and with the technical support provided through a Front Line Demonstration (FLD), he adopted the recommended INM practices in his groundnut field. To address these challenges of low productivity and income, KVK, Kandhamal included Mr. Pradhan in its other outreach programmes, offering both technical support and field demonstrations. Mr. Pradhan was selected as a beneficiary under the Front-Line Demonstration (FLD) programme on Integrated Nutrient Management in Groundnut. He received training and continuous guidance from KVK scientists.

The plan included:

- ✓ Soil testing and fertilizer application as per soil test results
- ✓ Integrated Nutrient Management training and on-field guidance
- ✓ FLD implementation in Groundnut
- ✓ Input support (Lime, sulphur and boron)
- ✓ Field monitoring and review
- ✓ Field day organization for horizontal dissemination

The details of INM practices includes:

- Soil Test-Based Fertilizer Recommendation, FYM @ 2 t/ha, Lime @ 0.2 LR, Sulphur @ 30 kg/ha
- Micronutrient Boron @ 1.25 kg/ha

Farmer's Earlier Practice includes:

- FYM @ 1.5 t/ha, Chemical fertilizer @ 22-23-18 kg N-P₂O₅-K₂O/ha

OUTPUT AND OUTCOME

Under the Front-Line Demonstration (FLD) on Integrated Nutrient Management (INM) in groundnut cultivation, Mr. Gandhi Pradhan achieved notable improvements in productivity and profitability compared to his traditional farming practices.

Parameters	INM Practices	Farmer's Practice
Number of pods plant ⁻¹	17.7	14.8
Shelling (%)	74.8	62.5
Pod yield (q ha ⁻¹)	15.2	11.9
Cost of cultivation (Rs ha ⁻¹)	36600	34100
Gross return (Rs ha ⁻¹)	91200	71400
Net income (Rs ha ⁻¹)	54600	37300
B:C ratio	2.5	2.1

The yield increase in the demonstration plot was 27.7 % higher than the farmer's own practice. This substantial improvement clearly shows the positive impact of adopting INM-based scientific cultivation. Mr. Pradhan's successful adoption of INM practices in groundnut cultivation has not only increased his income but also enhanced his reputation in the farming community. His experience is encouraging other farmers in nearby villages to shift towards soil health-based, sustainable agriculture.

IMPACT

Mr. Gandhi Pradhan is extremely happy with the income and productivity that he achieved through scientific groundnut cultivation using INM practices. The success of the demonstration not only enhanced his livelihood but also contributed to local employment generation, as he was able to engage 55 labourers during the cropping season. His achievements have made him a source of inspiration among fellow farmers in Sudhipada and nearby villages. Witnessing the increased yield, higher income and sustainable approach, many farmers have shown keen interest in adopting INM technology for groundnut cultivation in the upcoming seasons. Today, Mr. Gandhi Pradhan is regarded as a successful groundnut grower in his Gram Panchayat and serves as an inspiration for other tribal farmers in the region seeking to improve their livelihoods through modern agricultural practices.

CONCLUSION

This success story highlights how Integrated Nutrient Management can significantly enhance crop yields and profitability. With timely support from KVK, Kandhamal, Mr. Pradhan's transition from traditional to scientific farming has not only improved his income but has also inspired a broader adoption of improved technologies in the farming community.



Success story-2

“BIRUMA DIGAL” AN INSPIRATION FOR FARM WOMEN TOWARDS LOW BUDGET AND HIGH PROFIT MUSHROOM FARMING



Mrs. Biruma Digal

Age: 42 years

Village: Bandapanga

Block: Baliguda

Dist: Kandhamal

INTRODUCTION

Mrs. Biruma Digal, 42 years old is a self-empowered woman, involved in mushroom production from last four years. She resides at Bandapanga village of Baliguda block of Kandhamal district. Before starting mushroom cultivation, she used to do household works and helped her husband in poultry farming. But she was not happy with that due to low income and marketing problem. Then she thought of doing something new that is of low budget and high profit farming. However, lack of technical knowledge, she heeded the advice of a fellow farmer and approached KVK, Kandhamal with the aim of getting technological guidance and to do farming to support her husband, thereby improving her financial and livelihood prospects.

PLAN AND SUPPORT

After getting one day training on “Oyster mushroom cultivation” at Krishi Vigyan Kendra, Kandhamal, G.Udayagiri, she started producing oyster mushroom in small scale by getting spawn from KVK. Inspired by her initial success, enduring support from her husband and guidance of KVK scientists, she established a shade-net mushroom production unit in her residence and started producing both paddy straw and oyster mushroom round the year. She has also benefited with various initial inputs required for mushroom cultivation through TSP and other demonstration programme of KVK.

Later she attended a 7 days skill training of rural youth (STRY) programme on Mushroom cultivation during 2023-24 at KVK, Kandhamal and achieved certificate as a Master Trainer in Mushroom cultivation.

OUTPUT AND OUTCOME

Presently, her average yield increases from 0.5 to 0.9 kg and from 1.5 to 2.5 kg per paddy straw mushroom bed (21 days per cycle) and oyster mushroom bag (60 days per cycle), respectively. Introducing mechanized straw cutting for mushroom cultivation has led to reduced labour, time, and drudgery, with an annual cost saving of Rs. 24,000. Now her earnings from mushroom is about Rs. 12,000/- per month and her annual income has now increased to an average of Rs. 1,50,000/-.

IMPACT

Mrs. Biruma Digal has achieved success as a Mushroom grower and is recognised as a self-driven to profitable farming that provides financial support to her family. Her family's economic and livelihood standard increased by the extra income from mushroom cultivation i.e., Rs 9,000-10,000 per month. Her progress is now providing an inspiration to other farm women and rural youths of that area to take up mushroom cultivation as a profitable agricultural venture. This motivated them to retain and undertake agriculture as a profession for earning their livelihood. As a Certified Trainer, she also provides training to farm women and rural youths in adjacent villages, urging them to embrace mushroom farming through the assistance of KVK Scientists and experts.



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

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): NA

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	Maize + cow pea	1 ha	MEY-81q/ha	10	Y

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	Power point Presentation	To conduct training programme
2	Leaflet	To conduct training programme
3	Chart poster	To conduct training programme
4	Specific products (inputs)	To conduct training programme

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			
169	536	705	2161	54	3525.00

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	100	18	<ol style="list-style-type: none"> 1. Collector and District Magistrate, Phulbani 2. Block Chairman, Phulbani 3. CDAO, Kandhamal 4. DDH, Kandhamal 5. CDVO, Kandhamal 6. PA, ITDA, Phulbani 7. Chief Scientist, AICRP on DLAP, Phulbani 8. PD, Watershed, Phulbani 	100	100

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

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
Demonstration	03	25	Mize and Strawberry
Awareness programme	02	60	World soil day
Training programme	05	125	Weed management, IPM, INM, use of poly mulch in vegetable cultivation

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

No of student trained	No of days stayed
04	90 days

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
04.08.2025	Dr. Arvind Kumar, A.D, DRD, Patna, GoI	Campus visit
18.02.2026	Dr. Sanat Kumar Dwivedi, DDE, DEE, OUAT	SAC meeting
18.02.2026	Prof. A. K. Mishra, Prof & HOD of Agril. Biotechnology, OUAT	SAC meeting
18.02.2026	Sri Seetakanta Rout, CDAO, Kandhamal	SAC meeting
18.02.2026	Smt. Smita Mohanty DDH, Kandhamal	SAC meeting
06.03.2026	Chandrajit Chatterjee, Director, DA& FW, GoI	Campus visit
06.03.2026	Babuki Chandra Sethy, Jont. Director, Agriculture. GoO	Campus visit

4. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs. /Unit)	After (Rs. /Unit)
Management of acid soil	875	87	45000	80000
INM in vegetables	1520	82	50200	95800
Vermicomposting	670	83	18200	36400
Crop diversification	78	67	35600	64100
Drudgery reducing small implements for women	40	60	-	-
Improved Poultry breeding	0	0	0	0
Mushroom cultivation	120	90	16000	65000
Crop diversification	50	65	34750	68300
IWM in different crops	60	45	15000	25000

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Oyster Mushroom cultivation	62 %
Vermicomposting	78 %
INM in vegetables	76%
IWM in vegetables	69%

Give information in the same format as given below

Name of farmer	Nepal Pradhan
Address	Village: Budedipada, Block -G.Udayagiri
Contact details (Phone, mobile, email Id)	8280881413
Landholding (in ha.)	02.15
Name and description of the farm/ enterprise	Turmeric production, Rice, groundnut cultivation and mushroom cultivation
Economic impact	Earned a total of 3.5 lakh per annum
Social impact	Working as Krushak Sathi and mobilizes the other farmers
Environmental impact	Adopted Natural farming
Horizontal/ Vertical spread	Area expanded in their GP 45 ha

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

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
1	FLD	Farmers adopted the technologies	Knew about new technologies
2	Capacity building	Farmers aware about new technologies	Knew about new technologies
3	OFT	Farmers accepted the new technologies	Knew about new technologies
4	Extension Activities	Farmers knowledge upgraded	Knew about new technologies
5	Awareness programme	Farmers knew the impact of new technology	Knew about new technologies
6	TSP Activities	Farmers were supplied with small equipment's	Knew about new technologies

4.4. Details of innovations recorded by the KVK -No

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	Beekeeping
Name & complete address of the entrepreneur	Sushila Kumar Pradhan, Village – Sudhipada, Block- G.Udayagiri
Role of KVK with quantitative data support:	Technical guidance provided by KVK
Timeline of the entrepreneurship development	One year
Technical Components of the Enterprise	Bee hive, bee colony
Status of entrepreneur before and after the enterprise	Two bee hives enhanced to 04 bee hives
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Easy marketing access of the raw honey in the locality
Horizontal spread of enterprise	20 bee hives

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

a) Programmes for infrastructure development

Name of the programme/ scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Development and strengthening of Demonstration units	To develop new demo units and strengthening the existing demo units	January 2026	ICAR-ATARI, Kolkata	3,50,000

(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.)
VOTI	Capacity Building Training	October 2025	FARD, Govt. of Odisha	2,50,000
VKSA	Awareness Programme	May 2025	ICAR-ATARI, Kolkata	1,60,350
PUMP SET TRAINING	Awareness Programme	February 2026	Dept. of Energy, Govt. of Odisha	35,000
PM DDKY	Development of Action Plan	October 2025	ICAR-ATARI, Kolkata	75,000
PM KISAN	Release of PM Kisan Installment	September & November 2025	ICAR-ATARI, Kolkata	25,600
KISA SAMMAN DIWAS	Release of PM Kisan Installment	January 2026	ICAR-ATARI, Kolkata	50,000

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	<i>E. foetida</i>	Vermicompost	80	10205	2,04,100	
				<i>E. foitida</i>	Vermin	10 kg	67.250	33625	
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	<i>Azolla Pinnata</i>	Azolla	2.5	1000	2500	
7	Papaya Unit	2021-22	600	F1-Lunar	Newly Est.				
8	Orhid	2021-22	-	<i>Vanda cristata</i>	Newly Est.				
9	Dragon fruit	2021-22	-	<i>Hylocereus undatus</i>	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	10.05.2025	06.03. 2026	1.0	Roma and Rasmi	TL	100	320750	-	Harvesting is going on
Niger	12.09.2025	05.12.2025	1.5	JNS 30	FS	1.0	23490	-	Not processed
Toria	04.10.2025	18.02.2026	1.5	Sushree	FS	4.0	22900	-	Not processed

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

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

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

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

6.5. Utilization of hostel facilities
Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
JAN	26	5	
FEB	38	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 :	334	31	

6.6. Utilization of staff quarters

Whether staff quarters has been completed: Funds not released

No. of staff quarters: 04

Date of completion: Old quarters

Occupancy details:

Months	Q I	Q II	Q III	Q IV
April	√	√	√	√

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*): NA

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

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

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

7.4 Utilization of KVK funds during the year 2025-26 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances	90000	54000	54000
3	HRD	15000	15000	15000
4	Contingencies			
<i>A</i>	Stationary, telephone, postage and other exp. on office running			
<i>B</i>	POLs, repair of vehicles, tractor & equipments	150000	150000	150000
<i>C</i>	Meals/ refreshment for residential and non- residential trainings			
<i>D</i>	Training Materials (need based materials and equipments for conducting training)	110000	110000	110000
<i>E</i>	Frontline demonstration	55000	55000	55000
<i>F</i>	On-farm testing(on need based location specific and newly generated information in the major production systems of the area	55000	55000	55000
<i>G</i>	Integrated farming system (<i>IFS</i>)			
<i>H</i>	Training on extension functionaries			
<i>I</i>	Extension Activities			
<i>J</i>	Farmers field school			
<i>K</i>	EDP/ Innovative activities			
<i>L</i>	Soil & Water testing & Issue of Soil Health cards			
<i>M</i>	Maintenance of buildings			
<i>N</i>	Library (Purchase of journal, periodicals, News Paper & Magazines)			
<i>O</i>	Swachhta Expenditure	32000	32000	32000
<i>P</i>	TSP	1840000	1840000	1840000
TOTAL (A)		2347000	2311000	2311000
B. Non-Recurring Contingencies				
1	Office Furniture & Equipments	200000	200000	200000
2	ICT with accessories	100000	100000	100000
3	Demonstration Unit (Works)	350000	350000	350000
4	Development of Soil Laboratory	350000	350000	350000
TOTAL (B)		1000000	1000000	1000000
C. REVOLVING FUND		0	0	0
GRAND TOTAL (A+B+C)		3347000	3311000	3311000

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2021-22	5,35,614	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	6,65,639	4,77,643	9,27,550
2024-25	9,27,550	5,32,860	8,93,063	5,67,347
2025-26	5,67,347	8,49,976	10,19,844	3,97,479

7.6. (i) Number of SHGs formed by KVKs

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities : Mushroom production, Jackfruits processing, value addition of mushroom, tomato, mango and finger millet

(iii) Details of marketing channels created for the SHGs: No

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activities	Season	With line department	With ATMA	With both
Monitoring	58	Kharif/Rabi-2025-26	28	26	25

8. Other information

8.1. Prevalent diseases in Crops: Nil

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: Nil

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: NO

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
29.03.2025	05	100	-	-

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

Type of message	No. of messages	No. of farmers covered
Crop	32	28969
Livestock	0	0
Fishery	0	0
Weather	6	28969
Marketing	0	0
Awareness	6	28925
Training information	0	0
Total	38	86863

9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	129,575
2.	No. of farmers registered in the portal	7203
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
12.6.25/1 day	Campus cleaning and awareness program among Farmer
18.7.25/ 1day	Campus cleaning and awareness programm with school student
10.8.25/1 day	Village road cleaning and debate competition among F/FW

20.9.25/1 day	Cleaning of Farm road
08.10.25/1 day	Village road cleaning and awareness programm
11.11.25/1 day	Campus cleaning and village campus cleaning
14.12.25/1 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	0	0
2. Basic maintenance	0	0
3. Sanitation and SBM	12	9200
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 Audit charges	-	1200
Total	119	32000

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

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

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

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman Zila Panchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
30.05.2025 to 12.06.2025	0	1	1	2	3	1	0	21538	240	21784	No	3

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, Quiz	10	352	-	-

Please provide good quality photographs:

9.11. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	1	2	40	-	-

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	51200	FARD, Govt. of Odisha & Others
2.	Guest House	7200	FARD, Govt. of Odisha & Others
3.	Soil Testing	3675	ICAR-ATARI, Kolkata
4.	Vermin	32750	ICAR-ATARI, Kolkata
5.	Vermicompost	144775	ICAR-ATARI, Kolkata
6.	Hill broom	37100	ICAR-ATARI, Kolkata
7.	Mushroom Spawn Bottle	58280	ICAR-ATARI, Kolkata
8.	Turmeric	337995	ICAR-ATARI, Kolkata

9.14. Resource Generation: NA

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1					
2					
3					

9.15. Performance of Automatic Weather Station in KVK : NA

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

9.16. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK
Odisha	Kandhamal	Contingent crop plan	Technology week	300	<ol style="list-style-type: none"> 1. Delay by 2 weeks (June 2nd week – June 4th week) : 2. Closer row and plant spacing, In-situ rain water conservation, summer ploughing, interculture, tillage practices, weed control and un-bundled uplands converted to bundled uplands 3. Plough and sow the crops across the slope to develop a ridge and furrow type of land configuration for effective soil moisture conservation to overcome drought for longer period 4. Apply full P, K and 20% N of recommended dose along with well decomposed organic matter for early seedling vigor

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						

Please provide good quality photographs:

11. Details of DAPST/ TSP

a. Achievements of physical output under TSP during 2025

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

Name of KVK							
Sl.No.	Item/Activity		Units	Targets/Achievements		No. of Beneficiaries	
				Annual Targets	Achievements	Annual Targets	Achievements
1	Trainings (Capacity building/ Skill Development etc.)		No.				
	1.1	1-3 days	No.	30	9	630	630
	1.2	4-10 days	No.	0	0	0	0
	1.3	2-4 weeks	No.	0	0	0	0
	1.4	More than 4 weeks	No.	0	0	0	0
2	On Farm Trials (OFTs)		No.	3	3	21	21
3	Front Line Demonstrations (FLDs) and other demonstrations		No.	12	17	72	72
4	Awareness camps, exposure visits etc.		No.	120	130	30000	30000
5	Input Distribution						
	5.1	Seeds (Field Crops)	Tonnes	124	0	230	0
	5.2	Seeds (High Value Crops, spices etc.)	kg	200	0	20	0
	5.3	Seeds (Root & Tuber Crops)	tonnes	0	0	0	0
	5.4	Nursery plants	No.	100000	65000	1250	1250
	5.5	Cutting, slips, suckers, etc	No.	0	0	0	0
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets	4500	3000	450	450
	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
	5.10	Poultry chicks / duckling etc	No.	1500	0	150	0
	5.11	Fish Spawns/ fingerlings	No.	0	0	0	0
	5.12	Small equipment's (upto Rs 2000)	No.	780	780	780	780

	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	0	0	0
	5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes	0	0	0	0
	5.19	Micro nutrients	tonnes	0	0	0	0
	5.20	FYM/ Vermicompost	tonnes	5	6	50	60
	5.21	Soil amendments (Gypsum, lime etc.)	tonnes	0	0	0	0
	5.22	Plant protection chemicals	kg	0	0	0	0
	5.23	Plant growth Promoter	kg	0	0	0	0
	5.24	Animal Feed	tonnes	0	0	0	0
	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	0	0	0	0
6	Services/Facilitation						
	6.1	Animal Health Camps	No.	2	0	20	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.	680	680	742	846
	6.5	Promotion of agri-entrepreneurship	No.	3	2	3	3
	6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.	0	0	0	0
	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.	1500	500	1500	1500
8	Employment generation for livelihood		(Man-months)		0	0	0

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
11	Monitoring & Evaluation of DAPSC/ST (upto 3%)	2%				
12	Any other (specify)					

b. Fund received under TSP in 2025-26 (Rs. In lakh): 18,40,000.00

12. Details of DAPSC/ SCSP : NA

a. Achievements of physical output under SCSP during 2025

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

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

5.4	Nursery plants	No.				
5.5	Cutting , slips, suckers, etc	No.				
5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets				
5.7	Honey Bee Colonies	No.				
5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.				
5.9	Animals-small (pig, sheep, goat etc.)	No.				
5.1	Poultry chicks / duckling etc	No.				
5.11	Fish Spawns/ fingerlings	No.				
5.12	Small equipment's (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.				

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

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

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

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

20. 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
-	-	-	-	-	-	-

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

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants
1	Live viewing of 11 th episode of Krishi Choupal	08.11.2025	KVK	Awareness about the channel	40
2	Vigilance awareness week	28 th October-3 rd November, 2025	KVK	Awareness	60
3	Celebration of PM KISAN Flagship programme	24 th February 2025,	KVK	Release of 19 th instalment	40
4	Kisan Samman Diwas	19 th November 2025	KVK	Release of 21 st Instalment	100
5	Kisan Samman Diwas	13 th March 2026	KVK	Release of 22 nd Instalment	200

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



Latitude: 20.286029
Longitude: 84.139461
Elevation: 728.0147.04 m
Accuracy: 5.794 m
Time: 31-10-2025 16:12





Sd/-
Senior Scientist & Head
KVK, Kandhamal