

PROFORMA FOR ANNUAL REPORT 2025 (January-December 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, Malkangiri At: Mundaguda, Dist: Malkangiri, Odisha-764045	-	-	kvkmalkangiri.ouat@gmail.com kvk.malkangiri@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- 751003	91-674- 2397700	91-674-2397780	dee@ouat.ac.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr.Debiprasad Dash		7008146926	dpd.bhu@gmail.com

1.4. Year of sanction of KVK: 2006

1.5. Staff Position (as on 1stJanuary, 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.Debiprasad Dash	SS&Head (I/c)	Soil Science	57,700 -1,82,400 (P. Basic 87200 /-)	30.10.2009	Permanent	Others
2	Subject Matter Specialist	Dr. Sidhartha Kar	Scientist	Horticulture	57,700 -1,82,400 (P. Basic 84700 /-)	01.10.2009	Permanent	Others
3	Subject Matter Specialist	Sri Atish Mahendra Mane	SMS	Fishery Science	15,600-39,100 + GP 5400/- (P. Basic 18950/-)	28.07.2018	Permanent	SC
4	Subject Matter Specialist	VACANT						
5	Subject Matter Specialist	VACANT						
6	Subject Matter Specialist	VACANT						
7	Subject Matter Specialist	VACANT						

8	Programme Assistant	VACANT						
9	Computer Programmer	Sri Sudipta Ranjan Rout	Programme Assistant(Computer)	Computer	35,400 -1,12,400 Rs.58600	08.01.2007	Permanent	Others
10	Farm Manager	Tanmay Kumar Behera	Farm Manager	Horticulture	35,400 -1,12,400 Rs.39900	04.02.2019	Permanent	SC
11	Accountant / Superintendent	VACANT	-	-	-	-	-	-
12	Stenographer	Mr. Babuli Sahu	Jr. Steno cum Computer Operator	Steno	25,500 -81,100 Rs.42200	28.04.2007	Permanent	OBC
13.	Driver	Sri Chandra Sekhar Behera	Driver	-	21,700 -69,100 Rs.30200	01.08.2007	Permanent	SC
14.	Driver	Sri Sachidananda Rout	Driver	-	21,700 -69,100 Rs.28400	04.07.2014	Permanent	OBC
15.	Supporting staff	Sri Budhia Behera	Peon	-	16,600 -52,400 Rs.24300	30.07.2008	Permanent	OBC
16.	Supporting staff	VACANT	Peon	-				

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	2.0 ha
2.	Under Demonstration Units	0.5 ha
3.	Under Crops	3.5 ha
4.	Orchard/Agro-forestry	0.0 ha
5.	Others with details	14.83 ha
	Total	20.183

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						281.59 m ²	Used	ICAR
2.	Farmers Hostel						191.17 m ²	Not Used, Not handed over since 2011-12	ICAR

3.	Staff Quarters (6)						196.97 m ²	Not Handed over since 2009	ICAR
4.	Piggery unit								
5	Fencing						8306.69 m ²	Incomplete	RKVY
6	Rain Water harvesting structure								
7	Threshing floor								
8	Farm godown						1500 sq. ft.	Used	RKVY
9.	Dairy unit								
10.	Poultry unit						120 sq. ft.	Used	ICAR
11.	Goatary unit								
12.	Mushroom Lab								
13.	Mushroom production unit						150 sq. ft.	Used	ICAR
14.	Shade house								
15.	Soil test Lab						300 sq. ft.	Used	ICAR
16	Others,Please Specify						1500 sq. ft.	Used	RKVY

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	2017	7,00,000		Running
Hero Honda	2010	40,000		Running

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Soil and water testing equipments	2016	1800000	Functional	ICAR
b. Farm machinery				
Power tiller ,Tractor Paddyreaper , Power Thresher , Power sprayer etc	2016	500000	Functional	ICAR
c.AV Aids				

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Power Tiller	2016	1,35000	Functional	ICAR
Trans planter	2016	2,13000	Functional	ICAR
Paddy Thrasher	2016	75000	Functional	ICAR
Power Sprayer	2016	20000	Functional	ICAR
MV Plough	2016	20000	Functional	ICAR
Tractor	2022	7,50,000	Functional	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.	12.03.2025	35	Recommendation	Action Taken	
			Promotion of small scale FLD, Green fodder cluster based cultivation, Diversification in to oil seed crops,	➤ Training provided to 120 farmers and different types of fodder crop demonstrated through exposure visits in convergence with F & ARD. ➤ Enterprises such as mushroom production 10 units,	

			Small enterprise development with project report preparation in Malkangiri District	IFS 10 nos., fish spawn production unit 10 nos., Poultry unit 05 nos., 02 nos. horticulture nursery has been developed through capacity building program.	
			Promotion of spices in Malkangiri district	➤ <i>Trichoderma viridae</i> @ 20 gram per Kg. seed treatment done in Sunflower variety KBSH – 78 in 30 hectare of area and 2.5 q. of seed treated before sowing under CFLD oilseed programme and covers 60 farmers & farm women.	
			Promote biological agent such as <i>Trichoderma viride</i> , <i>Trichogramma chilonis</i> . Bacillus etc.	➤ In different types of vegetables such as tomato, brinjal, chili, cauliflower & onion, 5 hectare of area treated with <i>Trichoderma viridae</i> & Tricho card @ 10 per hectare and near about 250,000 parasitoids/ha were spread in the field to control fruit & shoot borer	
			Promotion of micro propagation of banana variety Amrutapani, G-9 & Bantala in Malkangiri district. a. Promotion of low cost agriculture technology. b. Literatures of all technology published in KVK and to be circulated among farmers. c. Training on vegetable grafting and graft production enterprise may encourage in the district. d. Fruit orchard development with pomegranate, citrus, mango. e. High density orchard establishment may be encouraged. f. Protected cultivation by	➤ Tissue culture banana variety Bantala was taken in 0.4 ha area covering 10 farmers & Amritpani in 0.4 ha area covering 20 farmers promoted through FLD & TSP programme. ➤ Low cost mushroom production units 05 nos. promoted in WSHG through ASCI & TSP programme. ➤ Low cost azolla unit 10 nos., Low cost vermi units 05 nos. developed through TSP programme. ➤ 10 units of low cost poly house nurseries developed in tribal villages through trainings and TSP programme by using pro tray and potting mixture. ➤ Low cost implements such as okra plucker 200 nos., bulb planter 50 nos., maize Sheller 100 nos., hand soil tiller with weeder 100 nos., hoop hoe 20 nos, onion hoe 10 nos. Sickle with plastic grips 100 nos. distributed to 200 farmers & farm women under TSP programme. ➤ 5 nos. of booklets, 01 nos. of leaflet, 1 no. of news letter, 04 nos. of training manual has been developed during the reporting period and circulate among 825 farmer & farm women. ➤ 01 number of horticulture training on grafting has been conducted for 30 F & FW and 02 nursery are in progress. ➤ Dragon fruit variety pink rosa distributed to 40 farmers under	

			using mulching, drip irrigation with fertigation may be promoted. g. Indigenous variety should be used for FLD & OFT programme under natural farming. h. Value addition from ground nut in to chiki, fried ground nut. i. Development of DPR by Govt. line departments for agriculture enterprises	FLD & TSP programme covering 1.5 ha. area. ➤ Training provided to 30 F & FW on high density orchard establishment covering mango, papaya, banana etc. fruit plant. FLD on high density Gynodioecious papaya orchard supported to 15 farmers in 0.2 ha area. ➤ Technical/training support for protected cultivation of cucumber, tomato, brinjal, bitter gourd by using poly mulch done in 02 location such as MV-15, Daniguda in 0.4 ha.	
			Deputy Director of Horticulture, Malkangiri suggested to develop and supply quality planting materials (QPM), Papaya, Drumstick seedlings and grafts to different blocks of Malkangiri District. He has also emphasized on promotion of spices crop such as Onion, Chili, Zinger and Turmeric and necessary support to onion, potato & mushroom mission programme. Promotion of short duration fruits such as Banana, Papaya, runner vegetables in trellis such as pointed gourd, cucumber in Malkangiri, Mathili & Korukunda Block	➤ QPM production at KVK farm carried –out and produced 1000 numbers Gynodioecious papaya seedlings, 2000 nos. ODC variety of drum sticks, 2000 nos. Inca marigold seedlings, 5000 nos. tomato hybrid variety NEIL & PKM-1, 3000 cauliflower hybrid variety HCL produced and distributed among 85 farmers under FLD & TSP programme. ➤ Onion variety Bhima shakti, Bhima dark red, NHRDF red promoted through OFT & TSP programme in 1 ha. Area and covers 20 farmer & farm women of 06 villages (Banur, Batriatal, Tamsa, Gangalaguda, Nuaguda, Bahalguda). ➤ Training on mushroom production to 45 small mushroom grower provided under ASCI & TSP program and 10 nos. small mushroom unit developed . ➤ Tissue culture banana variety bantala & amritpani orchard developed in 0.4 ha area of Malkangiri & Korukunda block covering 25 farmers. ➤ Gynodioecious papaya orchard established in 0.2 ha. area Malkangiri & Korukunda block covered 14 farmers & farm women of 07 villages (Banur, Daniguda, Batriatal, MV-09, MV-12, Tamsa, Gangalaguda). ➤ SLTS methods adopted by farmers in 2 ha area on cucumber, ridge gourd, bitter gourd, beans, tomato in 4 villages (MV-15, Daniguda, Dariguda, Batpali	

			Avoid promotion of fish pickle through demonstration on CIFTEQTM Fish Pickle as district fish requirement does not meet the production, so emphasis on fish production (IMC, Scampi) required and CIFA X.	➤ Instead of demonstration of fish pickles through FLD, KVK has taken lead in collaboration with NFDB, Hyderabad to promote Training on value added products fish fingers, fish ball, pickle etc.	
			Promotion of summer season vegetables in Malkangiri District and jhola land improvement & soil and water conservation majors work should be carried out.	➤ Summer tomato variety Arka Abhed & Arka Vishes in 0.4 ha area is going on and covers 10 farmers of 5 villages (Burdi, MV-15, Malyagiri, Dodameta, Banur), seed & technological support provided to 30 farmer & farm women through trainings. ➤ IISWC, Sunabeda will make a survey & plan accordingly for Soil & water conservation majors under Jhola Land development to avail the opportunity in our district.	
			Emphasized on orchard development through tropical fruit crop.	➤ Tropical fruit management of mango orchard in 2 ha area covering 10 farmers of 06 villages (Banur, Batpali, MV-9, MPV-1, MV-12, MV-15) going on and FLD on application of triconanol in mango to improve yield conducted by KVK during 2025-26. ➤ Training support given to 30 farmers for other tropical fruits such as dragon fruit, apple ber, citrus, pomogranate& guava.	
			Recycling of paddy straw to avoid burning the straw in their field after harvesting. So it can be used as mulching in field and mushroom farming.	➤ Training support provided for use of straw in vegetable field under natural farming training to 110 farmers & farm women . ➤ Awareness on recycling of waste straw in to mulching, mushroom production & composting done through 02 FPC of Malkangiri & Korukunda blocks.	
			Promotion of livelihood programmes on fish farming, pointed gourd in trellis in	➤ 250 farmer & farm women trained on various types of fish farming. ➤ Trainings on establishment of Jack fruits, dragon fruit	

			Chitrakonda Block tribal villages.	conducted to 30 farmers.	
			Support to forest orchard development, plantation of Jack fruits & Dragon fruits.	➤ FLD on dragon fruit conducted in 04 locations (Rangamatiguda, Banur, Daniguda, Tamsa) in 0.165 ha. Area and covers 15 farmers.	
			Promotion of Mukhyamantri Kamadhenu Programme, Hybrid Napier planting by using roots, Azolla culture	➤ Training provided to 120 farmers and different types of fodder crop demonstrated through exposure visits in convergence with F & ARD	
			Support for sesame varietal trial going on at KVK & infield area of Malkangiri district.	➤ CFLD on Sesame variety Suprava conducted in KVK Adopted villages in 20 ha area covering 100 farmers in convergence with ICRISAT	

Draft Proceeding of the 20th Scientific Advisory Committee Meeting

KVK, Malkangiri

The 20th Scientific Advisory Committee (SAC) meeting of KVK, Malkangiri commenced on date 12.03.2025 **at 10.30 AM in** virtual and offline mode at KVK, Malkangiri training hall under the Chairmanship of Dr. B. K. Pradhan, Deputy Director of Extension, Department of Extension Education, OUAT, Bhubaneswar and Chief Guest Dr. Pradip Dey, Director, ICAR-ATARI, Kolkata and Dr. P. Sial, Associate Director of Research, Semiliguda as guest of honor. Dr. Debiprasad Dash, Senior Scientist & Head, welcome to the Honorable Chief Guest, Chairman and the SAC members and officially begins with lightening of candle. After a brief introductory remark about the functioning of KVK and the purpose of SAC to the members in the meeting, the Chairman invited Senior Scientist and Head to start the proceeding as per the agenda and action taken report (ATR) based on last SAC recommendation was presented by Senior Scientist and Head, KVK, Malkangiri.

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

Senior Scientist and Head acknowledged that the proceeding of the last SAC meeting was circulated to all the members. He also presented the proceeding and Action taken report in brief. The chairmen taking the consent of the members for approve the proceeding.

Agenda-2: Action taken on the proceedings of the 19th SAC meeting

The Senior Scientist and Head presented various actions taken by the KVK as per the recommendation of nineteenth SAC meeting as given below:

Sl. No.	Recommendation	Action taken
1	Principal Scientist, Dr. Kalyan Sundar Das, ATARI, Kolkata recommended to develop millet recipe enterprises & entrepreneurs.	➤ Promotion of various millet recipes through 03 SHG at Malkangiri, Korukunda Block and millet recipes such as cake, millet sweet, millet soup, millet biscuits, millet fries were showcased at KVK, Malkangiri during Akshaya Tritia celebration on 10.05.2024 by serving the recipe to extension workers and farmer in co-ordination with Department of Agriculture, Malkangiri.
2	Focus on FLD & OFT of horticulture & fishery science. All FLD & OFT statistical analysis & publish in journal is important.	➤ Focused given on Horticulture & Fishery Science and 07 nos. of FLD & 06 nos. of OFT have been taken under Horticulture & Fishery Science for the Year 2024-25. ➤ Statistical analysis of completed FLD & OFT and 01 no. of publication in international Journal done. Kar, S; (2024). "Significance of <i>Vigna unguiculata</i> vegetables on production, productivity and soil health management", published in International conference on building small holder climate resilience for achieving sustainable food system, page- 294.

3	Popularization of micro enterprise on mushroom, QPM, live stock in scientific way required.	➤ One no. of FLD on mushroom (Beneficiaries-10, Vill.-4), 4 nos. of group meetings of SHGs (Beneficiaries-60, Vill.-4). ➤ Recognition of Prior Learning (RPL)/ASCI (Beneficiaries-40, Vill.-7) Training(1 no., Beneficiaries-30) and support to Dept. of Horticulture as resource person(2 nos., Beneficiaries-80). ➤ Technical support provided to duck rearing farmer about breeding & feed management through 2 nos. of trainings comprising 60 farmers & 2 villages and 4 nos. of group meetings involving 160 farmers & farm women of 4 blocks, Included the distribution of duckling under IFS demonstration program during 2024-25 (Beneficiaries-10, vill. – 5). ➤ Vermi compost promotion done under TSP program in five locations involving 50 farmers & farm women in 3 blocks (Khadikajodi, Puspali colony, Khairiput, Batriatal, Pradhaniguda). ➤ QPM: 7000 nos. of gynodioecious papaya variety Red lady, 1000 nos. drumstick variety ODC, 1000 nos. marigold variety ceracole yellow and 45000 nos. of vegetable seedlings raised.
4	Brown spotted Bajara collection & multiplication required as per availability.	➤ A seed of brown spotted Bajra is unavailable with Dept. Of Agriculture, Malkangiri, ADR, RRTTS Semiliguda& OIC, CPR, AICRP on Millets, Behrampur (vide letter sent for indent no. 1744/MKG dt. 24.06.2024). However, promotion of brown spotted bajara locally available was focussed at Sindhrimal village of Malkangiri & Chitrakunda block done through SPPIF(Special Programme for Integrated Farming) programme in collaboration with Department of Agriculture.
5	Deputy Director of Horticulture, Malkangiri suggested for developing and supplying quality planting materials, seedlings and grafts. Also suggested to fill up the vacant post in KVK,	➤ At KVK, Malkangiri 7000 nos. of gynodioecious papaya variety Red lady, 1000 nos. drumstick variety ODC, 1000 nos. marigold variety ceracole yellow raised and supplied to Department of horticulture, public sale & farmer distribution, one no. of skilled based training on asexual propagation(20 RY, Vllage-4), 1 no. of training on Hitech Nursery Management (30 RY, 8 vill.). ➤ Joining of Soil Scientist cum SSH (I/c) during October 2024 in KVK, Malkangiri. Other post Scientist (Plant protection), Scientist (Home Science), Scientist (Agronomy), Scientist (Agril. Engineering), Scientist, and Scientist (Ag. Extension) posts are vacant.

6	Suggested to promote convergence schemes, mushroom mission, floriculture mission, production & cultivation of hybrid & exotic vegetables & fruits to meet demand for annual district requirements through demonstration, OFT and FLD.	➤ Promotion of Horticulture department programs(Mushroom and other schemes) done through 4 nos of group meetings including SHGs involving 80 participants from 4 villages on mushroom & potato, OFT on ARC Potato varieties conducted in 5 locations covered 7 farmers. ➤ Training to 40 nos. small mushroom growers given under ASCI/RPL at KVK, Malkangiri & 30 mushroom farmer selected for 1 month training on Mushroom farming under ASCI. ➤ Demo unit on exotic vegetables at KVK established, promotion of apple ber, dragon fruit, litchi, mulberry & strawberry done through trainings and meeting, technical support for strawberry cultivation provided to department. 2 nos of training as resource person attended on exotic vegetables, hybrids and fruits (80 participants Block -3), Demonstration on marigold as trap crop under TSP (No. of Demo-10, Location-4), Hybrid marigold distributed to 22 farmers under RF.
7	To popularizing honey bee farming which is available department scheme.	➤ Awareness created through demo unit of KVK to 250 farmers of five blocks.
8	Joint Director, Dr. H. K. Sahoo, the Chairman, Joint Director Extension, DEE , OUAT, Bhubaneswar suggested to emphasize on crop diversification in to upland paddy as an inspirational in the district and scope of horticultural crops and different developmental schemes of government should be implemented in convergence mode with the line departments, NGO <i>etc.</i> ,	➤ Crop diversification in IFS, Pond based horticultural crops carried out in 4 nos. of villages among 10 nos. of farmers, technical support provided to different departments & NGOs on convergence of different schemes through 4 nos. of farmers and farm women training on DSR, High Tech Horticulture, IFFS and IMTA involving 140 nos. of beneficiaries. 6 nos of training attended as resource person and provided technical knowledge to 240 farmers under different govt. convergence programmes, conducted group meeting on Potato Mission, Spices Mission, Bio-agent Production etc. and covered 110 nos. beneficiaries in coordination with different line department. ➤ New horticulture technology such as poly-mulch vegetable farming in 0.6 ha. area 05 farmers in 03 villages, Protected vegetable farming in 0.4 ha. area covering 04 farmer in 04 villages, off-season cauliflower in 0.24 ha covering 08 farmers, summer tomato farming in 0.4 ha involving 10 farmers, promotion of Nitrogen fixing vegetable Cowpea in 0.083 ha. area covered 11 farmers in 03 villages such as Dariguda, Khadikajodi&Tindapali under TSP programme done.

9	Suggested to emphasize on new technology application should reach to the tribal farmers and old technology should not be promoted by KVK. Work on organic or integrated farming approach will encourage the District farmer. Suggested for minimizing the use of chemical application in agricultural crops. Short duration up land paddy variety may be popularized in the District.	➤ Promotion of sweet corn hybrid done in 0.3 ha area covered 12 farmers of 08 villages. ➤ Under hi-tech nurseries Pro-tray nursery raising promoted in 05 locations covered 13 tribal farmers. ➤ Under Organic farming promotion, use of Sticky trap to control flies insects in Cucumber, Green gram conducted in 08 villages involving 20 farmers through 01 no. of OFT & 01 no/ of FLD. Use of Pheromone trap & <i>Trichogramma chilonis</i> to control stem borer and white flies was conducted through 01 no. FLD & TSP programme covering 20 farmers & farm women. ➤ Kalinga dhan-1203 (Short duration upland paddy) with a production of 50qtl distributed to 35 farmers under RF and received small kit by 40 farmers under State level farmers' fair.
10	Suggested to replace the demonstration on CIFAX with another scientific & effective intervention and old technology with new one.	➤ New technologies on fisheries through OFT and FLD: ➤ Assessment of community based initiatives in cage culture of Gift Tilapia which covered 15 nos. beneficiaries from 5 nos. of villages ➤ Assessment of polyculture of CIFA GI -Scampi with IMC which covered 15 nos. beneficiaries from 7 nos. of villages ➤ Demonstration on Carp fry production in paddy field which covered 11 nos. beneficiaries from 6 nos. of villages ➤ Demonstration on Strengthening of pond based IFS which covered 11 nos. beneficiaries from 4 nos. of villages.
11	Senior Scientist and Head, Nabarangpur suggested to develop Natural farming through trainings. He has also suggested for value addition, FPO: input distribution, extension services such as animal health camp, plant health clinic.	➤ 04 nos. training on Integrated farming system & value added product from fishes has been successfully carried out at RSETI, SBI, Malkangiri and through this 120nos. of Rural youths /Farmers and farm women are benefited. ➤ Input distribution such as papaya -200, drumstick-200 and vegetable seed kit-70 nos through FPO-Saberisetu, Maa nakketeswari. ➤ Horticulture crops such as pumpkin, Bottle gourd, ridge gourd, Bitter gourd, Cow pea, Okra & leafy vegetables naturally grown in Khadikajodi, Dariguda, Tandapali, M.V. -15, Mathili by using liquid manure, FYM, Compost & white ash provided to 150 nos. of tribal farmers under TSP. ➤ 05 nos. Plant health clinic camp/training organized in Guma, Mathili, Chitrakonda, Korukunda & Malkangiri block in co-ordination with NGO, OMM, MMM, ITDA,

		BAO and resource supported to 160 farmer & farm women.
12	PD Watershed, Malkangiri recommended to work on agri - services because agricultural graduates can easily provide agri-services across the district.	➤ Students under RAWE program supported with agri-services facilities through inter District exposure visit to KVK, Malkangiri implemented activities in adopted villages.
13	CDAO, Malkangiri recommended for resolving of blast problem of finger millets, promotion of Program on application of biological culture and seed treatment of various agricultural crops is required. Program on application of bio-pesticide in Chitrakonda, Mathili&Khairiput block will be a vital intervention. He has also suggested for IPM in vegetables & field crops required.	➤ To control blast in finger millets, demonstration on application of Carbendazim @ 2.5 gm./ liter of water at Bathlameta, Chalanguda, Maliguda of Mathili Block has been conducted in co-ordination with Paribartan NGO under OMM to 40 farmers. ➤ 05 nos. of TOT on seed treatment & application of Bio-pesticides of Maize, vegetable crops, paddy conducted at Khairiput, Malkangiri, Korkunda, Mathili&Chitrakonda Block in co-ordination with Paribartan Mathili, Khairiput& Sishu O Mahila Kalyan Samiti, Chitrakonda. 05 seed treatment drums distributed to tribal farmers and method of use demonstrated in collaboration with Parivartan. ➤ Method demonstration & Resource support through CB on yellow sticky trap, Use of pheromone trap & <i>Trichogramma chilonis</i> to control white flies, sucking insects, stem borer etc in vegetable field Brinjal, Tomato, Okra, runner vegetables, Paddy, Maize have been conducted in 06 villages of Malkangiri, Mathili, Khairiput&Chitrakonda Block. Use of <i>Trichoderma viride</i>, <i>Beauveria bassiana</i> in vegetables like Okra, Onion, Tomato, Brinjal, Cow pea, Potato, cucumber & field crops like Paddy, Maize, sesame, sunflower done through demonstration & CB program under TSP (20 nos.) & 2 nos. of OFT & one no. of FLD (24 nos.).

14	Soil testing & soil health card distribution work may be regularized. KVK should take action on promotion of vermi compost & azolla.	➤ 200 nos. soil samples from project villages collected and tested during the reporting period. ➤ Agro Vermi bed & Azolla bed distributed to 05 tribal farmer of village Khadikajodi, Dariguda, Puspali colony & Pradhaniguda villages under TSP program.
15	ADVO, Malkangiri suggested for demo units on Poultry because there are programs on trainings and free input materials for poultry farming with Veterinary office. Distribution of chicks among tribal farmer will encourage the communities.	➤ 3000 numbers of Kadaknath & Sonali chicks distributed to 103 tribal farmers of 13 tribal villages under TSP programme during the Year 2024-25.
16	Representative of NGO, Malkangiri requested to work on wilt, YMV management in green gram, black gram, sesame, Okra and soil health card.	➤ FLD on YVMV resistant variety of Okra Kashi Chaman demonstrated in villages such as Khadikajodi, MPV-1, MV-15, M.V.-47. Also use of okra plucker to remove infected part involving 50 and 10 farmers in FLD program. ➤ FLD on Demonstration on IPM strategy for management of YMV in Green gram planned and conducted in 05 locations covering 10 farmers during Rabi, 2024-25.
17	SRL representative from Bhubaneswar requested to conduct demo on Pusa decomposer, biological farming as they have ICAR certified laboratory with various products. He has told that it will take 45 days to compost by applying pusa decomposer in favorable condition.	➤ Demonstration on waste decomposer in paddy harvested field has been conducted in 10 locations such as MPV-1, Khadikajodi, Pradhaniguda under FLD on Pusa decomposer for residue management in rice covering 10 farmers of 03 villages.
18	Regarding Millet mission ADAO, Malkangiri suggested for finger millet treatment by sun drying method. Importance on use of mulching to conserve soil moisture and weed, program to overcome of 'K' deficiencies in upland and Zero tillage farming system may	➤ Activities carried out at Chitrakonda & Mathili Block by organic mulching with Sal leaf and paddy straw in 04 hectare area covers 10 farmers in co-ordination with Paribartan, Mathili.

	encourage.	
19	ADR, RRTTS, Semiliguda recommended to work on Kalinga varieties, brown spotted bajra and value addition aspects. He was also said about spices cultivation at Malkangiri District may be encouraged among farmer.	➤ Maize variety Kalinga Raj carried out in 5 hectare of area by KVK, Malkangiri under TSP Demonstration programme and technological support provided through 04 nos. of CB programme covering 160 F & FW about package of practices conducted in Khairiput, Chitrakonda, Mathili Block. ➤ Spices seed materials supported by Horticulture department (Ginger & Turmeric from department, Onion, & Chilly crop promoted by KVK) through OFT and TSP programme and covered 20 F & FW & 6 villages. ➤ Value added & products from millets done by Chasi bhai FPO Korukunda& Maa Santoshi SHG, Malkangiri.
20	Progressive farmer requested to support on effective plant medicine and improve variety of pointed gourd, okra, cow pea, tomato, grafted brinjal, sweet corn, maize & demonstration on quality planting material production.	➤ 200 farmers supported by plant medicines in Sesame, Sunflower, pointed gourd, Brinjal, Paddy crop. ➤ 120 farmers supported by effective plant medicines recommendations and its use in agricultural crops through agro advisory services and crop covered such as Black gram, Green gram, maize, cow pea, papaya, banana, okra apart from this periodically messages through KMA, What's app on plant protection sent to 16000 KMA registered farmer of the District. ➤ 13 nos. of farmers of 03 tribal villages such as Tindapalli, M.V., -15, Khadikajodisupported with advance small scale horticulture nurseries by providing pro trays and method of raising quality vegetable seedlings in trays demonstrated through trainings & workshops. 1 nos. of Rural Youth training for 20 RY conducted on grafting, budding & nursery management. ➤ 12 tribal farmer supported by Sweet corn hybrid seeds in village Badiguda, Dariguda, Kenduguda, MV-47, Jaduguda, MV-102 villages during Kharif 2024. ➤ 11 progressive tribal farmer supported with Cow pea improved seeds in Dariguda, MV-15, Tandapali, Khadikajodi village under TSP program 2024. ➤ 68 progressive tribal farmers supported by different vegetables kitchen garden seed kit under TSP Nutritional garden program ➤ Value added & products from millets done by Chasi bhai FPO Korukunda& Maa Santoshi SHG, Malkangiri.

21	Plan for farmer fair at least two numbers per Year & inter State exposure visit of progressive.	➤ Technological support provided in 03 nos. of District level farmer fair organized by Department of lift irrigation (Pani Panchayat Pakhya celebration), Department of agriculture in co-ordination with KVK on vegetable farming, farm mechanization, fish farming. ➤ Inter State exposure visit to OUAT Farmer fair cum (Agri-edu Fair) with FPO member & 20 farmers of Malkangiri District on 21.12.2023. ➤ Inter State exposure visit to OUAT Odisha FPO Conclave - 2024 & exhibition with FPO member on dated 09.02.2024 & Intra State exposure visit to State label FPO Conclave -2024 at OUAT with FPO participant on dated 26.03.2024.
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Action taken report is approved by Dean Extension Education, OUAT and suggested for detail presentation of KVK, Malkangiri achievements for the period of Rabi 2023 to Kharif 2024.

Agenda-3: Achievements made by the KVK during the reporting period

Senior Scientist & Head presented the overall achievements made by the KVK during the period Rabi, 2023-24 and Kharif 2024 as well as progress of Rabi 2024-25. He conversant the house that KVK has conducted 18 nos. of training programmes during rabi 2023 & Kharif 2024 involving 520 participants and 12 nos. of training during Rabi 2024-25 covering 300 farmer & farm women and 40 nos. extension functionaries. The chairman discussed on the performance and feedbacks received from the members were mentioned in the action points.

On Farm testing: During the period Rabi 2023 – Kharif 2024 08 nos. of OFT has been conducted and the results found in 05 numbers OFT programme which has significant difference among treatments.

1. Assessment of growth of GIFT Tilapia such as TO1- Stocking of GIFT Tilapia fry of 400mg size @ 5000 no. /acre with regular feeding with supplementary feed @3% of per kg of their body weight (5month culture period) results yield up to 84 q/ha and TO2- Stocking of Mono sex Tilapia (All Male) fry of 400mg size @ 5000 no. /ha with regular feeding with supplementary feed @3% of per kg of their body weight (10month culture period)types which yields of 44.8 q/ha which has 87.5% more yield than farmer practice.

2. Assessment of Gynodioecious Papaya Hybrids. Testing carried-out during Kharif 2023 Harvested Kharif 2024 such as **T O₁ - Arka Prabhat**- which Average fruit weight 1.34 kg, Yield per plant 23.79 kg, Fruit length 21.24 cm, Fruit diameter 11.61cm, TSS 7.36 o Bricks & **TO2-Red Lady** – Vibrant salmon, colored flesh with sweet aroma and melon like flavour, fruits are large, 3-5 cm. thick, oblong, it is parthenocarpic, gynodioecious. **T O₁** Arka Prabhat has got highest yield of 690 q./ha and 57.71% more yield than farmer practice.

3. Assessment of Apical Rooted Cuttings (ARC) of Potato carried – out during Rabi 2024-25 such as **TO1** -ARC of Potato variety **Kufri Kiran**- Tolerance to heat, mite and hopper burn, It produces attractive white-cream, ovoid tubers with shallow eyes and cream flesh, has excellent keeping quality yields about 185 q/ha and **TO2** -ARC of Potato variety **Kufri Himalini**- High yielding, medium duration (110-120 days), moderately resistant to late blight yields about 195 q/ha. Kufri Himalini variety of ARC potato found best among treatments and 11.42% more yield than farmer practice.

4. Assessment of Onion varieties has been carried – out during Rabi 2024-25 such as **TO1** - Bhima Shakti is red onion variety, bulb are globe shaped and weight about 60-80 grams, matures in 125-135 DAT & store up to 5-6 months yields about 312 q/ha and single bulb weight about 105 gms. Whereas **TO2** - Bhima Dark Red have attractive dark red colour, flat globe bulbs, maturity 95-100 DAT, Yields 316 q./ha with average bulb weight about 108 gms./bulb. Bhima Dark Red variety of onion found best among treatments and 40.44 % more yield than farmer practice.

5. Assessment of management practices for major insect-pests of cucumber has been carried – out during Rabi 2024-25 such as **TO₁** –Foliar spray of *Beauveria bassiana* @ 5g/l at 25 DAS followed by NSKE 5% and *Metarhiziumanisopliae* @ 5 g/l at 7 days interval yields about 194 q/ha and found 15 % Major Pest incidence and **TO₂** – Installation of blue and yellow sticky traps @ 50 nos./ha at 20 DAS, Application of Neem oil 1500 ppm @ 3 ml/l, Arka Microbial Consortium @ 20 g/l at 10 days interval from 20 DAS. Rotational sprays with Arka Vegetable Special @ 3 g/l, Fipronil @ 1 ml/l, Thiomethoxam @ 0.5 g/l and Dimethoate @ 2 ml/l on weekly basis from 40 DAS yields about **205** q/ha and found only 1 % Major Pest incidence. **TO₂** found best among the treatments and 13.88 % more yield than farmer practice.

Front Line Demonstration: During the period Rabi 2023 – Kharif 2024 all total 11 nos. of FLD (Completed 07 nos.), CFLD oil seed crop sesame in 60 hectare during Kharif 2024 and Sunflower in 30 hectare during summer 2024-25 has been conducted successfully.

1. Demonstration on Management of shoot & fruit borer in Brinjal: Flubendiamide 480 SC @ 78.70 g ai/ha and Rynaxypyr 20 SC @ 33.33 ai/ha as recommended practice has got highest yield that is 232.6 q/ha.

2. Demonstration on Management of serpentine leaf minor in Tomato: Application of Spinosad 45SC @ 0.25 ml/lit & Flubendiamide 480SC @ 0.2 ml/lit in 2-3 weeks intervals as recommended practice has got highest yield that is 365.7 q/ha.

3. Demonstration of management Practices for leaf blight & vine rot in Pointed Gourd: Application of Bavistin 3g/lit and Hexaconazole 2ml/lit as recommended practice has got highest yield that is 295.7q/ha.

4. Demonstration on Pusa decomposer for residue management in rice: Application of Pusa decomposer capsule @ 4 capsule in 25 lit of water for 1 ha land, it will able 40 -45 days for decomposition as recommended practice quick decomposed paddy field waste in 45 Days.

5. Demonstration on Management of Stem borer and leaf folder in Rice: Nursery treatment with Chlorantraniliprole 0.4G @ 400 g/40m², Fixing of Pheromone traps 25 nos./ha at 15 to 20 DAT, Alternate spraying of Fipronil 5SC @ 1250 ml/ha and Cartap hydrochloride 50 SP @ 750 g/ha starting from 25 DAT as recommended practice has got highest yield that is 42.4 q/ha.

6. Demonstration of Okra variety Kashi Chaman: Cultivation of Kashi Chaman Medium tall plants, dark green fruits 11-14 cm long, First flowering on 41 days after sowing, resistant to YVMV and OLECV as recommended practice has got highest yield that is 147 q/ha.

7. Demonstration on carp fry production in paddy field: Stocking of carp spawn @1.5 million /ha in the rice field as recommended practice has got better performance that is yield 20 pkt Rice in 3.5 months & 1.0 Lakhs Carp fries in 12 Days per acre paddy field.

KVK has conducted 11 nos. of FLD during Rabi – 2023 & Kharif 2024 covered 110 FLD farmers and 08 nos. of OFT covered 64 OFT farmers. All total 2650 farm families covered during Rabi 2023 & Kharif 2024 & benefited by KVK in various intervention. KVK, Malkangiri also conducted special FLD programme on Cluster Front Line Demonstration (CFLD) on oil seed crop Sesame in 60 ha. area during Kharif 2024, CFLD oil seed crop sunflower in 20 ha. area during rabi 2023-24, Mushroom cultivation & capacity building programme under ASCI (Mushroom training for small growers), backyard Poultry with kalingapalishree & sonali breed, distribution of low cost agro implements (Maize Sheller, Improve sickle, khurpi, rake, Green shade net, Vermi bed, azolla bed) for drudgery reduction, IPM modules, protected farming of vegetables, cultivation of sweet corn, cropping system with trap cropping, Stem borer management in paddy by using *LSA medicines*, vegetable kitchen garden & nutritional garden under tribal sub plan (TSP) as reported by Ex- SSH(I/c) and present Scientist (Horticulture) Dr. Sidhartha Kar.

The chairman and all the members appreciated the KVK for successful implementation of different activities under TSP program.

Under revolving activities 2.0 ha. covers for paddy seed production and 91000 nos. of horticultural seedlings, 10 quintal vermin compost, 1400 nos. poultry chicks produced and distributed among farmer in various programme.

Other extension activities:

KVK has organized 12 nos. of other extension activities such as Exhibition National Millet Expo 2023, District label Fishery & Animal Husbandry Farmers fair, Akhayatritia, PM KISHAN Sammelan, International Millet Conclave cum exhibition, Parthenium Awareness week celebration, Ek Ped Maa Ke Naam, Swachhata Hi Seva, World food Day, World Fishery Day, World Soil Day, Vigilance awareness week which covers 660 numbers of participants, Published 10 nos. of extension literature, 12 nos. news paper coverage.

Agenda-4 Action Plan 2025-26

All total 36 numbers of practicing Farmer & Farm women trainings, 06 nos. of Rural Youth trainings & 06 nos. Extension functionaries Training plan to conduct during 2025-26. Besides that, 14 numbers of Front-Line Demonstrations and 08 numbers of On Farm Trials in agriculture and allied subjects plan to conduct during 2025-26.

Agenda-5 Interaction among the SAC members & recommendations

Dean Extension Education suggested (on line mode) for open forum discussion in the session of the SAC member to put their valuable suggestion & recommendation for strengthening of KVK, Malkangiri, which ultimately have an effective action to develop for farming communities. The recommendation & suggestions and SAC member interaction findings are as below.

1.ADAO, Malkangiri suggested Brown spotted Bajara demonstration programme will keep in the action plan again. He also suggested replicating sweet corn hybrids in large scale. Promotion of improve ground nut variety should prioritize. He also suggested for

- a. Rice fallow management.
- b. Short duration Green gram & Black gram varietie.
- c. Safflower crop promotion through FLD & OFT.
- d. Use of low cost machine for rice straw management after threshing.
- e. FLD & OFT on seed drill (Bullock drawn, Power tiller drawn).
- f. Marketing management of white seeded sesame and use of sesame dehusk machine.
- g. Use of Parthenocarpy & hybrid cucumber varieties for demonstration.

- h. Testing & research on single stem sesame varieties.
- i. Use of baler machines for paddy straw bundle.

2. Deputy Director of Horticulture, Malkangiri suggested to develop and supply quality planting materials (QPM), Papaya, Drumstick seedlings and grafts to different blocks of Malkangiri District. He has also emphasized on promotion of spices crop such as Onion, Chili, Zinger and Turmeric and necessary support to onion, potato & mushroom mission programme. Promotion of short duration fruits such as Banana, Papaya, runner vegetables in trellis such as pointed gourd, cucumber in Malkangiri, Mathili & Korukunda Block.

3. Deputy Director of Extension, DEE, OUAT, Bhubaneswar suggested promoting macro propagation of banana variety Amrutapani, G—9 & Bantala in Malkangiri district. And also suggested for.

- a. Promotion of low cost agriculture technology.
- b. Literatures of all technology publish in KVK and circulate among farmers.
- c. Training on vegetable grafting and graft production enterprise may encourage in the district.
- d. Fruit orchard development with pomegranate, citrus, mango.
- e. Tropical fruit like Mango high density orchard establishment may encourage.
- f. Protected cultivation by using mulching, drip irrigation with fertigation may promote.
- g. High density mango orchard.
- h. Macro propagation of Banana.
- i. Indigenous variety should use for FLD & OFT programme.
- j. Promotion of date palm (Arabian type), Dragon fruits orchard.
- k. Mahua plantation in forest area.
- l. Value addition from ground nut in to chiki, fried ground nut.
- m. Development of DPR by Govt. line departments for agriculture enterprises.

4. District fishery Officer suggested not to promote fish pickle through Demonstration on CIFTEQ™ Fish Pickle as district fish requirement is not meet the production, so emphasis on fish production (IMC, Scampi) required and CIFA GI Scampi, Indigenous Magur fish farming demonstration must replicate through-out the District.

6.Dr. Ramajayam Devarajan ICAR, Koraput suggested for promotion of summer season vegetables in Malkangiri District and structural improvement & soil and water conservation majors work should be carried out. He also emphasized on orchard development through tropical fruit crop.

7. Assistant Conservator of Forests Malkangiri suggested about recycling of paddy straw because after harvest farmer burns out the straw in their field. So it can be used as mulching in field and mushroom farming.

8. Project Management, ITADA, Malkangiri suggested for promotion of livelihood programmes on fish farming, pointed gourd in trellis in Chitrakonda Block tribal villages. He has also suggested for support to forest orchard development, plantation of Jack fruits, Dragon fruits.

9. VS, Padmagiri from Department of Veterinary, Malkangiri suggested for promotion of Mukhyamantri Kamadhenu Programme, Hybrid Napier planting by using roots, Azolla culture.

10. Deputy Chief Executive Office, ORMAS, Malkangiri suggested that

- a. Marketing & value addition of sesame, Ground nut.
- b. Research on Ground nut variety improvement required and ground nut variety testing programme should be carried out by OUAT.
- c. FPO should take initiatives to procure ground nut & sesame in this district.

11. Senior Scientist & Head (I/C), KVK, Malkangiri suggested to encourage industries on ground nut oil extraction and use of NRRI decomposer for decomposition of paddy straw.

12.Senior Scientist & Head (I/C), KVK, Nabarangpur suggested to promote fodder crops such as hybrid Napier, Stylo, Para grass. He also suggested for short duration rice variety, involvement of reliance for ground nut procurement.

13.FPO representative from Saveri Setu FPC, Mathili suggested about training on Mushroom farming, vermin composting, supply of support for vermin compost.

14. Odisha Livelihood Mission suggested about training to staff & women farmer required under Lakhpati Didi programme and also suggested for improvement of IFS in the district.

15. Director ATARI Prof. Pradeep Dey suggested for promotion of small scale FLD, Green fodder cluster base cultivation, diversification to oil seed crops, small enterprise development project report preparation and sends it to ATARI, involvement jointly in promotion and extension of agriculture technology in Malkangiri District.

16. ADR, RRTTS, Semiliguda, Koraput suggested for promotion of spices in Malkangiri district. He also suggested to promote biological agent such as *Trichoderma viride*, *Trichogramma chilonis*. *Bacillus etc.*

17. ICRISAT representative suggested to promote black sesame varieties as white sesame varieties is not preferred in mandis for procurement. He also suggested for supporting sesame varietal trial going at KVK & infield area of Malkangiri district.

18. Farmer representative suggested that fish production in the district should increase as fishes are arrives from Andhra Pradesh to the district. The meeting was concluded at 2.45 PM with vote of thanks to the chairman and other SAC members by Dr. Sidhartha Kar, Scientist (Horticulture), KVK, Malkangiri.

LIST OF MEMBERS ATTENDED IN THE 20TH SAC MEETING

Sl. No.	Name of the SAC meeting member	Designation	Mobile No.
1	Dr. B.K.Pradhan	DDE, DEE,OUAT, BBSR	9937147657
2	Mrs.Priyanka Mahuka	ACF, Malkangiri	8327777073
3	Mr. G.Soren	PD, Parivartna	8018399911
4	Mr. Mukesh Kumar Pradhan	EFO, ICRISAT	9777827187
5	Mr.Ashok Kumar Parida	Fish Farmed Korukunda	9777043357
6	Mr.Akshaya Kumar Dash	Project Coordinator, TSRD	7077194321
7	Mr.Biswanath Naishra	PM,ITDA, Malkangiri	8598925988
8	Dr.Debiprasad Dash	Senior Scientist & Head, KVK, Malkangiri	7008146926
9	Mr.Manoj Kumar Jena	AFC(HQ), Malkangiri	9668456725
10	Dr. S. Lenka	SSH, KVK, Nabarangpur	7008090385

11	Mr. Rama Chandra Nayak	Farmer	7849080490
12	Mrs Samari Nayak	Farmer	7899080490
13	Mr.Chakradhar Nayak	LDM Malkangiri	8117099275
14	Mr.Mahes Kumar Padhy	ADO, Malkangiri	9437834853
15	Dr.P.Sial	ADR, RRTTS, Semiliguda	8637262715
16	Mr.Prasant Kumar Patro	DDH, Malkangiri	9861132369
17	Dr.Chinmaya Sahoo	VAS, Padmagiri	8480691691
18	Mr.Gundicha Behera	Dy.CEO, ORMAS	8895597657
19	Mr.Durjadhan Patra	Dharitri, Malkangiri	9437081862
20	Mr.Ramaprasad Sarkar	Farmer	8763620845
21	Mr.Krushna Chandra Khilla	OMM (CRP)	7854090792
22	LaxmaKabasi	Farmer, Debeshwar	7894413368
23	Benatri Delai	Narishakti President	8455975858
24	Arun Pradhan	CRP, Khairput	9777227377
25	Susanta Sekhar Sugri	CRP, Khairput	8018661340
26	Abhiram Golapi	ABPC	8917685700
27	Nitya Mallick	Programme Officer	9078690605
28	Kamadev Khilla	ABPC, SAA	7328869451
29	Narahari Patra	BOD	9438409452
30	Narasingh Majhi	BOD	7735000618
31	Dr. Sidhartha Kar	Scientist (Horticulture), KVK, Malkangiri	9437633251

32	Atish M. Mane	SMS, Fishery	8850987300
33	T. K. Behera	FM, KVK, Malkangiri	9583344495
34	S. R. Rout	PA, Computer, KVK, Malkangiri	8249645322
35	B. Sahoo	Jr. Steno cum comp. Operator, KVK, Malkangiri	9937533735

2.a. District level data on agriculture, livestock and farming situation (2024)

Sl. no.	Item	Information
1	Major Farming system/enterprise	Paddy-Sesame, Paddy-Green gram, Paddy-Black Gram, Paddy-Groundnut, Paddy-Vegetable, Paddy-Maize-Sunflower, Paddy-Fish
2	Agro-climatic Zone	South Eastern Ghat Zone
3	Agro ecological situation	1. Medium rainfall, high elevation (1000-1250 mm, 400-900m), 2. Medium rainfall, low elevation (1000-1250 mm, <400m), 3. High rainfall, low elevation (>1250 mm, <400m), 4. Low rainfall, low elevation (<1000 mm, <400m)
4	Soil type	Red laterite, acidic
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Paddy -2845 kg/ha Maize-2733kg/ha G Nut -1911 kg/ha , Sesamum-450 kg/ha ,Green gram -463 kg/ha, Black gram- 455 kg/ha, Potato-

		14260kg/ha Onion -9760kg/ha
6	Mean yearly temperature, rainfall, humidity of the district	Mean Max Temp -42.5, Mean Min Temp 11.1, Mean annual rainfall (mm)- 2110.0 Humidity –55.0 - 87.4 %
7	Production of major livestock products like milk, egg, meat etc.	Milk – 10840MT, Meat-893.64 MT, Fish -2856.8 Mt, Egg production - 22.261 million

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Malkangiri	Malkangiri	Batriatal	Paddy ,Sesame, Vegetables, Fruits, Pulse , Vermi composting, Azola culturePoultry, PiscicultureGoa tary	Low yield in PaddyLow yield of Brinjal& okra Low yield & less market price of TomatoLow yield of Chilli, OnionLow yield of Banana& PapayaLow yield of fishSlow growth of Chicks	Replacement of local variety, Varietal introduction, crop diversification with sweet corn, Onion, Oilseed like sesame, niger, Back yard poultry , IPM & INM in vegetables, Plantation of fruit cropsGynodioeciousPapaya & Banana, Introduction of off season vegetables tomato, Cauliflower, Promotion of nitrogen fixing vegetables (Cow pea, Bush beans, dolichos bean), Pond management and feed management in Pisciculture, Introduction of improved fish & poultry breeds, Nutritional security through Nutri –garden, Introduction of small agri- implements , Promotion of Natural farming, Vermi composting.

2	Malkangiri	Malkangiri	Nuaguda (Serpali)	Paddy, Sesame, vegetables, Maize, Millets, Poultry, Fishery	Low yield in PaddyLow yield of BrinjalLow yield of TomatoLow yield of OkraLow yield of ChilliLow yield of Onion	Introduction of vegetable varieties, promotion of sweet corn, onion, varietal replacement of Banana, IPM & INM, Composite fish culture, Drought tolerant varieties, Fruit plantation, Back yard poultry.
3	Malkangiri	Korukunda	Banur	Paddy ,Sesame, Vegetables, Fruits, Pulse ,Mushroom, Vermi composting, Azola culture, Poultry, PiscicultureGoa tary	Low yield in PaddyLow yield of BrinjalLow yield & less market price of Tomato, OkraLow yield of Chilli, Onion Low yield of Banana& Papaya Low yield of fishSlow growth of Chicks	Replacement of local variety, Varietal introduction, crop diversification with sweet corn, Onion, Oilseed like sesame, niger, Back yard poultry , IPM & INM in vegetables, Plantation of fruit cropsGynodioeciousPapaya &TC Banana, Management of Mango Orchard, Introduction of off season vegetables tomato, Cauliflower, Promotion of nitrogen fixing vegetables (Cow pea, Bush beans, dolichos bean), Pond management and feed management in Pisciculture, Introduction of improved fish & poultry breeds, Nutritional security through Nutri –garden, Introduction of small agri- implements, Promotion of Natural farming, Vermi composting.
4	Malkangiri	Korukunda	Gangalaguda	Paddy ,Vegetables, Fruits, Pulse ,Mushroom, Vermi composting, Azola culture, Poultry, PiscicultureGoa	Low yield in PaddyLow yield of BrinjalLow yield & less market price of TomatoLow yield of Chilli, Onion Low yield of Banana& Papaya Low yield of fishSlow growth of Chicks	Replacement of local variety, Varietal introduction, crop diversification with sweet corn, Dragon fruits, Onion, Oilseed like sesame, niger, Back yard poultry , IPM & INM in vegetables, Plantation of fruit cropsGynodioeciousPapaya & Banana, Introduction of off season vegetables tomato, Cauliflower, Promotion of nitrogen fixing vegetables (Cow pea, Bush beans, dolichos bean), Pond management and feed management in Pisciculture, Introduction of improved

				tary		fish & poultry breeds, Nutritional security through Nutri - garden.
5	Malkangiri	Khairiput	Puspali Colony	Paddy, Maize, Sweet corn, Vegetables, Sunflower, Poultry, Mushroom	Low yield of PaddyLow Yield of MaizeLow Yield of Okra, Brinjal, Tomato, ChiliLow Yield of PulsesSlow growth of chicksLow Yield of Mushroom	Replacement of local variety, Varietal introduction, crop diversification with sweet corn, water melon, Sunflower Cultivation with INM practices, Pulses cultivation with BDF, Back yard poultry , INM & IPM in vegetables, Scientific Mushroom farming.
6	Malkangiri	Chitrakonda	Nilapari	Paddy, Maize, Vegetables, Millets, Pulses	Low yield of PaddyLow Yield of MaizeLow yield of BrinjalLow yield of TomatoLow yield of Chilli	Varietal introduction, crop diversification with sweet corn, Chili, Sunflower Cultivation with INM , Pulses cultivation with BDF, Back yard poultry , IPM in vegetables, Scientific Mushroom farming, Composite fish culture, Agro forestry.
7	Malkangiri	Malkangiri	Tindapali	Paddy, Maize, Vegetables,	Low yield of PaddyLow Yield of Brinjal, Tomato, Chili, Okra, Cauli flower, gourds	Varietal introduction, INM in vegetables, IPM in vegetables, IDM in vegetables, Off season vegetable farming, IPM & INM in Paddy, Introduction of parthenocarpic cucumber with IPM, Crop diversification by sweet corn, off season tomatoetc, Introduction of modern Horticulture.

8	Malkangiri	Malkangiri	Doriguda	Paddy, Sesame, Maize, Banana, Brinjal, Chili, Tomato, Okra, Gourds, Fish farming, Mushroom	Low Yield of PaddyLow Yield of vegetablesLow yield of Banana & PapayaLow yield of OkraLow Yield of Mushroom	Varietal introduction, crop diversification with sweet corn, TC Banana, Chili, Sunflower, Okra Cultivation & INM, Pulses cultivation with BDF, Back yard poultry, IPM & INM in vegetables, Scientific Mushroom farming, Composite fish culture, Agro forestry, IPM in Paddy, Green gram, Promotion of Nutri-Garden.
9	Malkangiri	Malkangiri	Daniguda	Paddy, Sesame, Vegetables, Fruits, Pulse, Vermi composting, Azola culturePoultry, PiscicultureGoat ary	Low yield in PaddyLow yield of Brinjal& okra Low yield & less market price of TomatoLow yield of Chilli, Onion Low yield of Banana& Papaya Low yield of fishSlow growth of Chicks	Promotion of IFS, Introduction of protected horticulture, replacement of local variety, Varietal introduction, crop diversification with sweet corn, Onion, Oilseed like sesame, niger, Back yard poultry, IPM & INM in vegetables, Plantation of fruit cropsGynodioeciousPapaya & Banana, Introduction of off season vegetables tomato, Cauliflower, Promotion of nitrogen fixing vegetables (Cow pea, Bush beans, dolichos bean), Pond management and feed management in Pisciculture, Introduction of improved fish & poultry breeds, Nutritional security through Nutri-garden, Introduction of small agri- implements.

10	Malkangiri	Malkangiri	Burdi	Paddy Vegetables, Fruits, Pulse , Vermi composting, Poultry, Goatary	yield in PaddyLow yield of Brinjal& okra Low yield & less market price of TomatoLow yield of Chilli, Onion Low yield of Banana& Papaya Slow growth of Chicks	Introduction of protected horticulture, Promotion of Asexually propagated vegetables, replacement of local variety, Varietal introduction, crop diversification with sweet corn, Onion, Back yard poultry , IPM & INM in vegetables, Plantation of fruit cropsGynodioecious papaya& Banana, Introduction of parthenocarpic cucumber with IPM, Introduction of off season vegetables tomato, Cauliflower, Promotion of nitrogen fixing vegetables (Cow pea, Bush beans, dolichos bean), Pond management and poultry breeds, Nutritional security through Nutri –garden, Introduction of small agri- implements.
11	Malkangiri	Malkangiri	MV-9	Paddy Vegetables, Fruits, Pulse , Vermi composting,	yield in PaddyLow yield of Brinjal& okra Low yield & less market price of TomatoLow yield of Chilli, Onion Low yield of gourds, Low yield of Banana& Papaya	Introduction of protected horticulture, Promotion of Asexually propagated vegetables, replacement of local variety, Varietal introduction, crop diversification with sweet corn, TC Banana, Scientific management of water melon crops, Plantation of fruit cropsGynodioecious Papaya & TC Banana, Introduction of parthenocarpic cucumber with IPM, Management of Mango Orchard,Introduction of off season vegetables tomato, Cauliflower, Promotion of nitrogen fixing vegetables (Cow pea, Bush beans, dolichos bean), Pond management and poultry breeds.
12	Malkangiri	Malkangiri	Tamasa	Paddy ,Vegetables, Fruits, Pulse , Vermi composting,	Low yield in PaddyLow yield of Brinjal, okra, leafy vegetables, Low yield & less market price of TomatoLow	Replacement of local variety, Varietal introduction, crop diversification with sweet corn, Onion, Resistant variety of Okra, Back yard poultry , IPM & INM in vegetables, Plantation of fruit cropsGynodioecious Papaya, Dragon fruits& TC Banana, Introduction of off

				Azola culturePoultry, Goatary	yield of Chilli, Onion Low yield of Banana& Papaya Slow growth of Chicks	season vegetables tomato, Cauliflower, Promotion of nitrogen fixing vegetables (Cow pea, Bush beans, dolichos bean), Pond management and poultry breeds, Nutritional security through Nutri –garden, Introduction of small agri- implements, Promotion of Natural farming, Vermi composting.
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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
Batriatal	Malkangiri	TSP, OFT on TC Banana, OFT Onion varieties, FLD on Planting geometry in Gynodioecious papaya, FLD on Okra, Promotion of Hybrid cauliflower, Establishment of nutri-garden, Demo on back yard poultry, Promotion of small agri-implements.
Banur	Korukunda	TSP, OFT on TC Banana, OFT Onion varieties, FLD on Planting geometry in Gynodioecious papaya, FLD on Okra, FLD on Dragon fruits, OFT on Summer tomato, Promotion of Hybrid cauliflower & Tomato, Establishment of nutri-garden, FLD on PGR in Mango, Demo on Bush beans, Promotion of small agri-implements, Demo on back yard poultry.
Burdi	Malkangiri	OFT on IPM in parthenocarpic cucumber, OFT on Summer tomato, Hybrid sweet corn, Promotion of Hybrid cauliflower , Tomato, Establishment of nutri-garden, Promotion of small agri-implements
Doriguda	Malkangiri	FLD on stem borer management in Paddy, FLD on Okra, OFT on IPM in parthenocarpic cucumber , OFT on TC Banana, OFT Onion varieties, FLD on Planting geometry in Gynodioecious papaya, FLD on Dragon fruits, OFT on Summer tomato, Promotion of Hybrid cauliflower , Tomato, Sweet corn, Demo on bush beans, Establishment of nutri-garden, Promotion of small agri-implements

Daniguda	Malkangiri	TSP, OFT on TC Banana, FLD on Planting geometry in Gynodioecious papaya, FLD on Okra, Promotion of SLTS in Bitter gourd its IPM, IDM, Establishment of Nutri-garden, Promotion of small agri-implements.
Gangalaguda	Korukunda	FLD on stem borer management in Paddy, FLD on IPM in Green Gram, FLD on Okra, OFT on IPM in parthenocarpic cucumber , OFT on TC Banana, OFT Onion varieties, FLD on Planting geometry in Gynodioecious papaya, FLD on Dragon fruits, OFT on Summer tomato, Promotion of Hybrid cauliflower , Tomato, Sweet corn, Establishment of Nutri -garden, Promotion of small agri-implements, Demo on back yard poultry, FLD on IFS
MV-9	Malkangiri	OFT on IPM in parthenocarpic cucumber, OFT on Summer tomato, Promotion of Hybrid cauliflower , Tomato, Sweet corn, OFT on IDM in TC Banana
Nilapari	Chitrakonda	FLD on stem borer management in Paddy, FLD on IPM in Green Gram, INM in Chilli, Establishment of 34utria-garden, Promotion of small agri-implements.
Nuaguda (Serpali)	Malkangiri	FLD on Sweet corn, OFT on Onion varieties, Establishment of 34utria-garden, Promotion of small agri-implements, OFT on IDM in TC Banana, FLD on Dragon fruit (rangamatiguda)
Puspali Colony	Khairiput	Demo on back yard poultry, Mushroom farming, Establishment of 34utria-garden, Promotion of small agri-implements.
Tindapali	Malkangiri	OFT on IPM in parthenocarpic cucumber, OFT on Summer tomato, Hybrid sweet corn, Promotion of Hybrid cauliflower , off season Tomato, Establishment of 34utria-garden, Promotion of small agri-implements
Tamasa	Malkangiri	FLD on stem borer management in Paddy (MV-13), FLD on IPM in Green Gram, OFT on IDM in TC Banana(MPV-1)FLD on Okra, OFT on IPM in parthenocarpic cucumber , OFT on TC Banana, OFT Onion varieties, FLD on Planting geometry in Gynodioecious papaya, FLD on Dragon fruits, OFT on Summer tomato, Promotion of Hybrid cauliflower , Tomato, Sweet corn, Establishment of 34utria-garden, Promotion of small agri-implements

2.1 Priority thrust areas

S. No	Thrust area
1.	Varietal substitution of Paddy, Maize, Sweet corn, Onion, Chili, Okra, Banana, Papaya, Cow pea, Bush beans
2.	Crop diversification in to Dragon fruits, Protected vegetable farming
3.	IPM in Green gram, Paddy, Cucumber, water melon, pointed gourds, Tomato, Brinjal, Chilli, onion, Bush beans
4.	ICM in Paddy, vegetables, Mango, water melon, Dragon fruits, Papaya, Banana, Mushroom.
5.	Natural Farming in Okra, Tomato, Onion.
6.	IDM in pointed Gourd, Banana, Okra, Paddy, Cucumber, water melon, pointed gourds, Tomato, Brinjal, Chilli, onion, Bush beans, Papaya, Banana and Capsicum.
7.	Drudgery reduction in maize, mushroom, okra, potato, paddy, weed control.
8.	Poly mulch with in line drip & trellis in Brinjal, in-determinate Tomato, Bitter gourd, parthenocarpic cucumber, Broad beans.
9	Encourage for asexually propagated & grafted vegetable.

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	77	05	12	38	15	05		48	32	80	13	13	130	28	10	76	28	08	05		12	43	155	

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 IDM modules for management of panama wilt in Banana.	07	02	03	07
Assessment of Onion varieties.	07	02	04	10
Assessment of management practices for major insect-pests of cucumber.	07	02	04	07
Assessment of tomato varieties during summer season.	07	02	10	07

Assessment of organic practices in tomato.	07	02	04	07
Assessment of Standardization of NPK dose in medium land Rice.	07	02	03	07
Assessment of natural farming practices in vegetable crops.	07	02	02	07
Assessment of Polyculture of CIFA - GI Scampi IMC	07	02	04	07
Assessment of community based initiative in cage culture of G.I.F.T. Tilapia	07	02	05	07
Assessment of Polyculture of CIFA - GI Scampi IMC	07	2	03	07
Assessment of community based initiative in pond culture of G.I.F.T. Tilapia	07	02	04	07
Total	77	22	46	80

* 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	Achieveme nt	Target	Achievement									Target	Achievemen t	Target	Achievement								
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
42	39	1130	175	63	489	272	33	8	697	32	1049	100	99	3050	42	42	163	127	35	26	170	135	305

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
45	47							8	4	1	400	476			2	1			4	1	6
								2	0	2					6	8			1	9	1
		21		56	29			2	0	2					6	3		10	6	9	6
		2	82	9	7	43	17	4	5	9					43	50	8	9	55	5	6

Seed production (q)					Planting material (in Lakh)				
Target					Achievement				
50					34.8				
Target					Achievement				
0.10					0.09				

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
0.2	0.1	0.0035	0.0025

* 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	02	200	01		4.23	Awarded	International Journal of Environmental & Agriculture Research (IJOEAR) ISSN:[2454-1850] [Vol-11, Issue-12, December- 2025] DOI: https://dx.doi.org/10.5281/zenodo.18080468
Seminar/conference/ symposia papers	04	250	00	00	00	00	--
Books	01	50	00	00	00	00	--
Bulletins							
News letter	01	500	00	00	00	00	--
Popular Articles							

Book Chapter	01	250	00	00	00	00	--
Extension Pamphlets/ literature	05	2500	00	00	00	00	--
Technical reports	04	250	00	00	00	00	--
Electronic Publication (CD/DVD etc)	01	50	00	00	00	00	--
TOTAL	19	4050	1	0	4.23	01	

3.1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of IDM modules for management of panama wilt in Banana (24OPP11(K))
2.	Problem diagnosed	Low production, High damage of Banana orchard
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Application of Bavestine @ 2gm/lit. of water. TO₁ - Planting of disease-free suckers + apply lime @ 40 g/pit + neem cake @ 250 g/pit + vermi compost 500g + soil drenching of 0.2% Carbendazim 50WP at 2 nd , 4 th & 6 th months after planting (MAP) + stem injection of Carbendazim 50WP @ 2-3 ml/plant (2g/l solution) at 3 rd , 5 th & 7 th MAP TO₂ - Planting of disease free suckers + apply lime @ 40 g/pit + neem cake @ 250 g/pit + vermi compost 500 g + soil drenching of 0.1% (Trifloxystrobin + Tebuconazole 75 WP) solution at 2 nd , 4 th & 6 th MAP + stem injection of (Trifloxystrobin + Tebuconazole 75WP) @ 2-3 ml/plant (1g/l solution) at 3 rd , 5 th & 7 th MAP

4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT, AR, 2019, NRCB, Tamil Nadu, 2018
5.	Production system and thematic area	Fruit-Fruit, IDM
6.	Performance of the Technology with performance indicators	Disease infection % at vegetative and reproductive stage, Bunch weight and Economics
7.	Final recommendation for micro level situation	Planting of disease free suckers + apply lime @ 40 g/pit + neem cake @ 250 g/pit + vermi compost 500 g + soil drenching of 0.1% (Trifloxystrobin + Tebuconazole 75 WP) solution at 2 nd , 4 th & 6 th MAP + stem injection of (Trifloxystrobin + Tebuconazole 75WP) @ 2-3 ml/plant (1g/l solution) at 3 rd , 5 th & 7 th MAP is best to control panama wilt in banana.
8.	Constraints identified and feedback for research	Technology should be simplified for easy operation by farmer
9.	Process of farmers participation and their reaction	Group meeting, Individual visit to office, Farmers field visit, field work shop. Farmers appreciated with the results and healthy plant & fruits.

Table:

Technology option	No. of trials	Yield component			Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of fingers /bunch	% of Disease	Yield per plant (q)					
FP	07	165	25	0.15	375	170000	750000	580000	4.41
TO-I	07	168	3	0.165	412.5	175000	825000	650000	4.71
TO-II	07	168	2	0.168	414	175000	828000	653000	4.73



OFT-2

1.	Title of On farm Trial	Assessment of Onion varieties Code- 224OH009(R)
2.	Problem diagnosed	Low production, less market demand of un uniform size & light colour onion bulb
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Agri-found dark red TO₁ -Cultivation of Onion Variety Bhima Shakti. TO₂ -Cultivation of Onion Variety Bhima Dark Red.

4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	DOGR, 2022
5.	Production system and thematic area	Vegetable –Vegetable, Integrated crop management
6.	Performance of the Technology with performance indicators	Yield(q/ha), GR, GC, NR,BCR)
7.	Final recommendation for micro level situation	Onion Farming is a profitable farming business and Onion variety Bhima Dark Red is recommended for Malkangiri District.
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Individual approach, village meeting &workshop and highly accepted dark red onion varieties also have good market demand & test.

Table:Results:

Technology option	No. of trials	Yield component		Yield (q/ha)	Cost of cultivation(R s./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Single Bulb Weight (Gm.)	Bulb Diameter (Cm.)					
FP	12	75	4.45	180	120000	216000	96000	1.8
TO-I	12	90	5.40	272	130000	326000	196000	2.507
TO-II	12	95	5.45	278	130000	333600	203600	2.566



OFT-3

1.	Title of On farm Trial	Assessment of management practices for major insect-pests of cucumber Code-24OPP15(R)
2.	Problem diagnosed	Low production, less market demand of infected cucumber fruits(Flies & sucking pests).
3.	Details of technologies selected for assessment/refinement	FP -Application of Chloropyriphos @ 2ml./lit. TO₁ -Foliar spray of <i>Beauveria bassiana</i> @ 5g/l at 25 DAS followed by NSKE 5% and <i>Metarhiziumanisopliae</i> @ 5 g/l at 7 days interval. TO₂ -Installation of blue and yellow sticky traps @ 50 nos./ha at 20 DAS,

	(Mention either Assessed or Refined)	Application of Neem oil 1500 ppm @ 3 ml/l, Arka Microbial Consortium @ 20 g/l at 10 days interval from 20 DAS. Rotational sprays with Arka Vegetable Special @ 3 g/l, Fipronil @ 1 ml/l, Thiomethoxam @ 0.5 g/l and Dimethoate @ 2 ml/l on weekly basis from 40 DAS.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT, Dept. of Entomology, 2023 ICAR-IIHR, AR, 2020
5.	Production system and thematic area	Vegetable –Vegetable, IPM
6.	Performance of the Technology with performance indicators	Insect infestation %, No. of Fruits, Fruit weight, Yield and Economics
7.	Final recommendation for micro level situation	TO₂ - Installation of blue and yellow sticky traps @ 50 nos./ha at 20 DAS, Application of Neem oil 1500 ppm @ 3 ml/l, Arka Microbial Consortium @ 20 g/l at 10 days interval from 20 DAS. Rotational sprays with Arka Vegetable Special @ 3 g/l, Fipronil @ 1 ml/l, Thiomethoxam @ 0.5 g/l and Dimethoate @ 2 ml/l on weekly basis from 40 DAS is effective treatment to control sucking & chewing insects of cucumber.
8.	Constraints identified and feedback for research	Simplified IPM majors by which farmer can use effectively.
9.	Process of farmers participation and their reaction	Individual farmer approach and adopting the IPM in cucumber technology.

Table:Results:

Technology option	No. of trials	Yield component		Yield (q/ha)	Cost of cultivation(R s./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Major Pest incident %	Fruit weight (gm.)					
FP	07	35	125	180	75000	180000	105000	2.4
TO-I	07	15	132	194	77000	194000	117000	2.51
TO-II	07	01	141	205	80000	205000	125000	2.56



OFT-4

1.	Title of On farm Trial	Assessment of tomato varieties during summer season Code- 25OH001(S)
2.	Problem diagnosed	Low seasonal income due to low market rate, Low yield of traditional varieties, high disease incidence in tomato.

3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP-No cultivation of tomato during winter. TO₁-TO₁- Arka Abhed: High yielding F1hybrid, semi determinate, multiple disease resistance suitable for summer, kharif, rabi. TO₂-Arka Vishes : Dual-purpose tomato hybrid from IIHR, Bangalore, known for its excellent processing quality (paste, puree, ketchup) and fresh market appeal, offering high resistance to Tomato Yellow Leaf Curl Virus (TyLCV) with firm, deep red, medium-sized (70-75g) fruits, strong indeterminate growth.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Source- IIHR, 2019
5.	Production system and thematic area	Vegetable –Vegetable, ICM
6.	Performance of the Technology with performance indicators	Fruit weight (g), No of fruits/plant, Yield (q/ha), Economics.
7.	Final recommendation for micro level situation	Arka Abhed variety of tomato recommended for eastern ghat zone for commercial production through-out the year.
8.	Constraints identified and feedback for research	For summer season tomato cultivation may do under shade net condition to prevent from sunscald.
9.	Process of farmers participation and their reaction	Individual farmer approach and excited about off season tomato.

Table:Results:

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
		Fruit weight (g)	No of fruits/plant	Fruit weight(Kg./Plant)					
FP	10	51	16	0.816	211.35	100000	169080	69080	1.69

TO-I	10	70	35	2.45	543.9	135000	435120	300120	3.22
TO-II	10	65	28	1.82	404.04	130000	323232	193232	2.48



OFT-5

1.	Title of On farm Trial	Assessment of organic practices in tomato Code- 23OSS03(K/R)
2.	Problem diagnosed	Maximum use of fertilizer & pesticides deteriorate soil health & environment increasing

		cost of cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Application of FYM @ 10 t/ha TO ₁ : Paddy straw mulch + FYM @ 25 t/ha + NPK consortia @ 4 lit./ha + neem pesticides @ 5 ml/lit. + use of trichocards @ 5 nos./ha TO ₂ : Weed mulch + Vermicompost @ 10 t/ha + NPK consortia @ 4 lit./ha + neem pesticides @ 5 ml/lit. + use of trichocards @ 5 nos./ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO ₁ : IIVR, 2020 TO ₂ : OUAT, 2017
5.	Production system and thematic area	Rice–Vegetable, Organic Farming
6.	Performance of the Technology with performance indicators	Fruit weight, yield, BC ratio, organic carbon status
7.	Final recommendation for micro level situation	TO1 (Paddy straw mulch + FYM @ 25 t/ha + NPK consortia + neem pesticides) is the best option overall with a highest net return of ₹155,255 (maximum profit among treatments), good yield of 21.45 t/ha (significantly higher than FP and close to TO ₂) and lower additional cost as compared to TO ₂ , making it more economical. Even though TO ₂ gives the highest yield (23.19 t/ha), its higher cost reduces profitability due to cost incurred in vermicompost.
8.	Constraints identified and feedback for research	• Availability of sufficient quantity of quality FYM, vermicompost and paddy straw mulch at farmers' level was a major constraint. • Farmers faced difficulty in timely availability of bio-inputs such as NPK consortia and trichocards in local markets. • Further research is required on reducing the cost of organic nutrient sources, particularly vermicompost, and development of locally available low-cost organic alternatives for sustainable tomato production.
9.	Process of farmers participation and their reaction	Farmers showed keen interest in organic cultivation practices due to improved soil condition, reduced pest incidence and better fruit quality observed in the demonstrated plots. Most of the farmers preferred TO ₁ because of its comparatively lower cost and

		higher profitability, while some progressive farmers appreciated TO2 for obtaining higher yield and better soil health improvement. Overall, farmers expressed positive feedback and willingness to adopt organic practices in tomato cultivation on a larger scale.
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Table:Results:

Technology option	No. of trials	Yield component		Yield (t/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Fruit weight (g)	No of fruits/plant					
FP	7	53.2	19.9	19.85	84750	198519	113770	2.34
TO-I	7	55.4	21	21.45	59450	214476	155026	3.61
TO-II	7	55.6	22.4	23.19	94450	231864	137414	2.45





OFT-6

1.	Title of On farm Trial	Assessment of Standardization of NPK dose in medium land Rice Code- 23OSS03(K/R)
2.	Problem diagnosed	Maximum use of fertilizer & pesticides deteriorate soil health & environment & opportunity to promote natural farming
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Existing recommendation of N-P2O5-K2O @ 80:40:40 kg/ha. TO ₁ : Application of N-P2O5-K2O @ 80:40: 60 kg/ha. + 5tFYM/ha TO ₂ : Application of N-P2O5-K2O @ 100:50:50kg/ha + 5tFYM/ha

4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO ₁ :AICRP on LTFE, OUAT, 2020-21 TO ₂ :RRTTS,OUAT, BBSR ,2024-25
5.	Production system and thematic area	Rice–Fallow, Nutrient Management
6.	Performance of the Technology with performance indicators	Initial and Post harvest Soil Status, No. of tillers, No. of grains/ panicle, Yield(q/ha), GR, GC, NR,BCR
7.	Final recommendation for micro level situation	Based on the results, application of N:P2O5:K2O @ 100:50:50 kg/ha along with FYM @ 5 t/ha in low &medium land rice achieved higher grain yield.
8.	Constraints identified and feedback for research	• Rising cost of chemical fertilizers and limited availability of FYM at farmers' level were major constraints in adoption of improved nutrient management practices. • Farmers lacked awareness regarding balanced fertilization and the role of potassium and organic manures in sustaining soil fertility and crop productivity. • Application of FYM required additional labour and transportation cost, which discouraged small and marginal farmers. • Continuous use of higher doses of chemical fertilizers without proper soil testing may adversely affect long-term soil health and nutrient balance.
9.	Process of farmers participation and their reaction	Farmers observed better crop growth, higher tillering, improved panicle formation and increased yield in the improved technology plots compared to farmers' practice. Most farmers expressed satisfaction with the performance of TO2 due to higher productivity and better soil condition after harvest. Farmers also appreciated the inclusion of FYM for improving soil health and showed willingness to adopt balanced nutrient management practices in low & medium land rice cultivation.

Table: Results:

Technology option	No. of trials	Yield component	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return	BC ratio
		No. of effective tillers				(Rs./ha)	
FP	7	11.6	44.7	49800	93780	43980	1.9
TO-I	7	11.8	49.3	50850	103440	52590	2.03
TO-II	7	12.8	50.4	51600	105900	54300	2.05



OFT-7

1.	Title of On farm Trial	Assessment of natural farming practices in vegetable crops Code: 25OAG11 (KRS)
2.	Problem diagnosed	Maximum use of fertilizer & pesticides deteriorate soil health & environment increasing cost of cultivation & opportunity to promote natural farming
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Okra sole crop with conventional PoP TO₁:Okra + Cowpea (1:1)+Seed treatment with beejamrita 200 ml/kg seeds. Ghanjeevamrit 400 kg/acre 2 times 200 kg during sowing and 45 DAS (Placements)+ Application of Dhrajeevamrit, Soil application 3 times @200 l/acre each at 30, 60 and 90 DAS and foliar spray 4 times at 15,45,75, and 105 DAS @ 10% spray. Marigold as border crop, spraying Neemastra and Agniastra @ 5l in 200l of water at 10 days interval alternatively. Spraying of sour butter milk @ 6L in 100 L of water on incidence of diseases. TO₂:Okra + Cluster bean (1:1)+ Green manuring through Dhaincha. Seed treatment with beejamrita 200 ml/kg of seeds for 7 hrs . Application of FYM 200 kg/acre + Ghanjeevamrit 25 kg/acre during sowing + Application of jeevamrit Soil application 6 times @200 l each at 15 days interval after sowing along with irrigation water. 10 % desi cow urine spray if leaf turns yellow. 6 foliar spray of Jeevamrit @ 5 % at 20 days interval from sowing of main crop growing of trap crops marigold as border crop. Spraying NeemastraandBhrahamstra @ 3 l in 100 l of water at 10 days interval alternatively. Spraying of sour butter milk @ 3l in 100 l of water on incidence of diseases.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO₁: AP Natural Farming Model TO₂: Gujrat Natural Farming
5.	Production system and thematic area	Rice-vegetables, Natural farming

6.	Performance of the Technology with performance indicators	Fruit wt., fruit size in cm, Yield, B:C ratio, soil microbial population, organic carbon Initial and Post harvest Soil Status, cob weight, cob length, Yield(q/ha), GR, GC, NR, BCR
7.	Final recommendation for micro level situation	Result awaited
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

OFT-8

1.	Title of On farm Trial 24OFS04(K)	Assessment of Polyculture of CIFA -GI Scampi IMC
2.	Problem diagnosed	Low yield due to mixed fish culture with improper management
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Mixed fish culture TO1: Stocking GI-scampi with IMC fingerling (Catla 2000nos: Rohu 3000 nos: GI Scampi 500 nos/ha) TO2: Stocking of Non-GI scampi with IMC fingerling (Catla 2000nos: Rohu 3000 nos: Non GI Scampi 500 nos/ha)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-CIFA, 2011 & ICAR-CIFE 2017
5.	Production system and thematic area	Culture of Genetically Improved variety

		Thematic area: Freshwater Prawn culture
6.	Performance of the Technology with performance indicators	TO1: Survival 76% i.e. 3800 nos. for Carp & 70% i.e. 350 nos. for GI-Scampi,Yield2964 kg Carp (750g weight of each fish)& 68.25 kg GI-Scampi (195g weight of each Prawn)Cost of cultivation (Rs./ha)89488/-,-, Gross return (Rs/ha)485550/-, Net return (Rs./ha)387790/-, BC ratio4.9 TO2: Survival 72% for carp i.e.3600 nos.&58 % i.e. 290 nos. for Scampi,Yield2628 kg carp (i.e.730g weight of each Fish) & 21.75 kg Non GI-Scampi (i.e.75 g weight of each Prawn)Cost of cultivation (Rs./ha)107000/-, Gross return (Rs/ha)407250/-, Net return (Rs./ha)300250/-, BC ratio3.8
7.	Final recommendation for micro level situation	Technology option 1 (TO1) found the best compare to Technology option 2 (TO2) because it gives higher growth rate and survival in fishes and GI-Scampi due to genetically improved varieties which increases the farmers net return and BC ratio.
8.	Constraints identified and feedback for research	Presently availability of seed is totally depend on Bhubaneswar, Odisha (650 km) and Andhra Pradesh (400 km)
9.	Process of farmers participation and their reaction	Huge demand has observed for this technology. There is rush among farmers communities to start this freshwater aquaculture entrepreneurship in the district

Thematic area: Freshwater Prawn culture

Problem definition: Low yield due to mixed fish culture with improper management

Technology assessed: TO1: Stocking GI-scampi with IMC fingerling (Catla 2000nos: Rohu3000 nos: GI- Scampi 500 nos/ha)

TO2: Stocking of Non-GI scampi with IMC fingerling (Catla 2000nos:Rohu 3000nos: Non GI Scampi 500 nos/ha)

Table 1:

Technology option	No. of trials	Yield component		Cost of cultivation(Rs./ha)	Gross return (Rs/ha)	Net return(Rs./ha)	BC ratio
		Survival %	Yield(kg/ha)				
FP		91.6%	1870	97760/-	280500/-	182740/-	2.8
TO-I		76% i.e. 3800 nos. for Carp & 70% i.e. 350 nos. for GI-Scampi	2964 kg Carp(750g weight of each fish)& 68.25 kg GI-Scampi (195g weight of each Prawn)	89488/-	485550/-	387790/-	4.9
TO-II		72% for carp i.e.3600 nos.&58 % i.e. 290 nos. for Scampi	2628 kg carp (i.e.730g weight of each Fish) & 21.75 kg Non GI-Scampi (i.e.75 g weight of each Prawn)	107000/-	407250/-	300250/-	3.8

Results: Technology option 1 (TO1) found the best compare to Technology option 2 (TO2) because it gives higher BC ratio 4.9, Net Return 387790/-, Survival 76% i.e. 3800 nos. for Carp & 70% i.e. 350 nos. for GI-Scampi and yield 2964 kg Carp (750g weight of each fish)& 68.25 kg GI-Scampi (195g weight of each Prawn).



OFT-9

1.	Title of On farm Trial 24OFS05(K)	Assessment of community based initiative in cage culture of G.I.F.T. Tilapia
2.	Problem diagnosed	Low yield due to stocking of wild Tilapia with traditional practices, low adoption of species diversification technology and diversified culture practices
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Stocking wild tilapia @2000 nos./ha with traditional feeding practices. TO1: Stocking GIFT Tilapia in the pond @ 4000nos/ha with regular feeding with supplementary feed @3% per kg of their body weight TO2: Stocking GIFT Tilapia in 1X1X1m PVC fabricated cages @ 4000nos/ha with regular feeding with supplementary feed @3% of per kg of their body weight.

4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TNVASU- 2018-2019
5.	Production system and thematic area	Culture of Genetically Improved variety Thematic area: Cage culture Technology
6.	Performance of the Technology with performance indicators	TO1: Survival 100% i.e. 4000 nos.,Yield5200 kg/ha(1.3 kg wt.ofper fish) Cost of cultivation (Rs./ha)79280/-, Gross return (Rs/ha)780000/-, Net return (Rs./ha) 700720/-, BC ratio9.8 TO2: Survival 87.5 i.e.3500 nos.,Yield4900 kg/ha (1.4 kg wt. of per fish) Cost of cultivation (Rs./ha)60000/-, Gross return (Rs/ha)735000/-, Net return (Rs./ha) 675000/-, BC ratio12.25
7.	Final recommendation for micro level situation	Technology option 2 (TO2) found the best compare to Technology option 1 (TO1) because it gives higher growth rate of per fishes due to intensive care in cage culture technology system which ultimately increases the farmers net return.
8.	Constraints identified and feedback for research	Regular maintenance of cages are needed such as washing and cleaning. Farmers scaring to keep their fishes in cages due to poaching issues in some areas.
9.	Process of farmers participation and their reaction	Huge demand for G.I.F.T. varieties in the district. Competition has been arising among farmers communities for adopting this super fish. Farmer started to prepare cages by utilizing different locally available material not only for G.I.F.T. but also for other fishes too.

Thematic area: Cage culture Technology

Problem definition: Low yield due to stocking of wild Tilapia with traditional practices, low adoption of species diversification technology and diversified culture practices

Technology assessed: **TO1:** Stocking GIFT Tilapia in the pond @ 4000nos/ha with regular feeding with supplementary feed @3% per kg of their body weight

TO2: Stocking GIFT Tilapia in 1X1X1m PVC fabricated cages @ 4000nos/ha with regular feeding with supplementary feed @3% of per kg of their body weight.

Table 1:

Technology option	No. of trials	Yield component		Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Survival %	Yield(kg/ha)				
FP	7	100	120 kg (60 g wt. of per fish)	13520/-	18000/-	4480/-	1.3
TO-I	7	100 4000 nos.	5200 kg (1.3 kg wt. of per fish)	79280/-	780000/-	700720/-	9.8
TO-II	7	87.5 3500 nos.	4900 kg (1.4 kg wt. of per fish)	60000/-	735000/-	675000/-	12.25

Results:

Technology option 2 (TO2) found the best compare to Technology option 1 (TO1) because it gives higher BC ratio 12.25 due to higher growth rate of per G.I.F.T. fishes in cage culture technology system which ultimately increases the farmers net return.

OFT-10

1.	Title of On farm Trial 24OFS04(K)	Assessment of Polyculture of CIFA -GI Scampi IMC
2.	Problem diagnosed	Low yield due to mixed fish culture with improper management
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Mixed fish culture TO1: Stocking GI-scampi with IMC fingerling (Catla 2000nos: Rohu3000 nos: GI Scampi 500 nos/ha) TO2: Stocking of Non-GI scampi with IMC fingerling (Catla 2000nos:Rohu 3000 nos: Non GI Scampi 500 nos/ha)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	ICAR-CIFA, 2011 & ICAR-CIFE 2017
5.	Production system and thematic area	Culture of Genetically Improved variety Thematic area: Freshwater Prawn culture
6.	Performance of the Technology with performance indicators	TO1: Survival 72% i.e. 3600 nos. for Carp & 60% i.e. 300 nos. for GI-Scampi, Yield 2700 kg Carp (750g weight of each fish) & 57kg GI-Scampi (190g weight of eachPrawn) Cost of cultivation (Rs./ha) 89488/-, Gross return (Rs/ha) 439200/-, Net return (Rs./ha) 349712/-, BC ratio 4.9 TO2: Survival 70% for carp i.e.3500 nos.& 56 % i.e. 280 nos. for Scampi, Yield 2520 kg carp (i.e.720g weight of each Fish) & 22.4 kg Non GI-Scampi (i.e.80 g weight ofeachPrawn) Cost of cultivation (Rs./ha) 107000/-, Gross return (Rs/ha) 391440/-, Net return (Rs./ha) 284440/-, BC ratio 3.6

7.	Final recommendation for micro level situation	Technology option 1 (TO1) found the best compare to Technology option 2 (TO2) because it gives higher growth rate and survival in fishes and GI-Scampi due to genetically improved varieties which increases the farmers net return and BC ratio.
8.	Constraints identified and feedback for research	Presently availability of seed is totally depend on Bhubaneswar, Odisha (650 km) and Andhra Pradesh (400 km)
9.	Process of farmers participation and their reaction	Huge demand has observed for this technology. There is rush among farmers communities to start this freshwater aquaculture entrepreneurship in the district

Thematic area: Freshwater Prawn culture

Problem definition: Low yield due to mixed fish culture with improper management

Technology assessed: TO1: Stocking GI-scampi with IMC fingerling (Catla 2000nos: Rohu 3000 nos: GI- Scampi 500 nos/ha)

TO2: Stocking of Non-GI scampi with IMC fingerling (Catla 2000nos: Rohu 3000nos: Non GI Scampi 500 nos/ha)

Table 1:

Technology option	No. of trials	Yield component		Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Survival %	Yield(kg/ha)				
FP		90% i.e. 270nos. of Carp	1755	97760/-	263250/-	165490/-	2.6
TO-I		72% i.e. 3600 nos. for Carp & 60% i.e. 300 nos. for GI-Scampi	2700 kg Carp (750g weight of each fish) & 57kg GI-Scampi (190 g	89488/-	439200/-	349712/-	4.9

			weight of each Prawn)				
TO-II		70% for carp i.e.3500 nos.& 56 % i.e. 280 nos. for Scampi	2520 kg carp (i.e.720g weight of each Fish) & 22.4 kg Non GI-Scampi (i.e.80 g weight of each Prawn)	107000/-	391440/-	284440/-	3.6

Results: Technology option 1 (TO1) found the best compare to Technology option 2 (TO2) because it gives higher BC ratio 4.9, Net Return Rs. 349712/-, Survival 72% i.e. 3600 nos. for Carp & 60% i.e. 300 nos. for GI-Scampi and yield 2700 kg Carp (750g weight of each fish) & 57kg GI-Scampi (190g weight of each Prawn).

OFT-11

1.	Title of On farm Trial 24OFS05(K))	Assessment of community based initiative in pond culture of G.I.F.T. Tilapia
2.	Problem diagnosed	Low yield due to stocking of wild Tilapia with traditional practices, low adoption of species diversification technology and diversified culture practices.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Stocking wild tilapia @2000 nos./ha with traditional feeding practices TO1: Stocking GIFT Tilapia fries of 400 mg size @ 5000nos/acre with regular feeding with supplementary feed @3% of per kg of their body weight (5 months culture period) TO2: Stocking Monosex Tilapia (All Male) fries of 400 mg size @ 5000nos/acre with regular feeding with supplementary feed @3% of per kg of their body weight (10 months culture period).
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TNVASU- 2018-2019
5.	Production system and thematic area	Culture of Genetically Improved variety Thematic area: G.I.F.T. Tilapia culture Technology
6.	Performance of the Technology with performance indicators	TO1: TO2:
7.	Final recommendation for micro level situation	

8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Huge demand for G.I.F.T. varieties in the district.

Thematic area: G.I.F.T. culture Technology

Problem definition: Low yield due to stocking of wild Tilapia with traditional practices, low adoption of species diversification technology and diversified culture practices.

Technology assessed: **TO1:** Stocking GIFT Tilapia fries of 400 mg size @ 5000nos/acre with regular feeding with supplementary feed @3% of per kg of their body weight (5 months culture period)

TO2: Stocking Monosex Tilapia (All Male) fries of 400 mg size @ 5000nos/acre with regular feeding with supplementary feed @3% of per kg of their body weight (10 months culture period).

Table 1:

Technology option	No. of trials	Yield component		Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Survival %	Yield(kg/ha)				
FP	7						
TO-I	7						
TO-II	7						

Results: ongoing



3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

[illegible]

1.	Paddy	IPM	Demonstration on Management of Stem borer and leaf folder in Rice Nursery treatment with Chlorantraniliprole 0.4G @ 400 g/40m ² , Fixing of Pheromone traps 25 nos./ha at 15 to 20 DAT, Alternate spraying of Fipronil 5SC @ 1250 ml/ha and Cartap hydrochloride 50 SP @ 750 g/ha starting from 25 DAT.	2	25	01	00	06	02	01	00	08	02	10	
2.	Paddy	IWM	Demonstration dry seeding with seed-cum-fertilizer drill, line sowing, seed rate@40kg/ha, fertilizer along with seeding, Bispyribac sodium@250ml/ha at 15-20 DAE.	4	6			13				13		13	
3.	Maize	Varietal Introduction	Demonstration of maize variety Kalinga Raj.	2	2	00	01	00	02	00	00	10	02	12	

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					
Paddy	Kharif	Rain fed	Clay Loam	L	M	M	Black gram	July	November	1472.2	63
Maize	Kharif	Rain fed	Sandy loam	L	M	M	Green Gram	July	November	1472.2	63

3.2 Achievements of Frontline Demonstrations

In both the Tables, information of same crop should be provided. For example, if in Table 3.2A crops are mentioned as a,b,c,d etc., in the table for Details of farming situation, the same crop should be mentioned in the identical sequence.

Performance of FLD other than CFLDs

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total			--	--	--	--	--	--	--	--	--	--	--	--	--

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

** BCR= GROSS RETURN/GROSS COST

Pulses

Frontline demonstration on pulse crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

Green Gram	IPM	Demonstration on IPM strategy for management of MYMV in Green gram.	10	2.5	12.5	10.5	19.04	67000	150000	83000	2.23	61000	126000	65000	2.06
	Total		10	2.5											

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

** BCR= GROSS RETURN/GROSS COST

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

Rice	DSR	Dry seeding with seed-cum-fertilizer drill, line sowing, seed rate@40kg/ha , fertilizer along with seeding, Bispyribac sodium@250 ml/ha at 15-20 DAE	13	6	48.01	46.38	3.52	No. of tillers-12.1	No. of tillers-10.2	49850	105634	55784	2.1	55600	102.046	46446	1.8
Okra	Varietal Introduction	Cultivation of Kashi Chaman medium tall plants, dark green fruits 11-14 cm long, First flowering on 41 days after sowing, resistant to YVMV and OLECV, yield 150 - 160 q/ha in 45 to 100 days.	12	1	148.5	130.0	14.23	Fruit Yield Kg/plant 0.40095	Fruit Yield Kg/plant 0.3510	105000	371250	266250	3.53	110000	325000	215000	2.95

[illegible]

Mango	ICM	Demonstration of application of triacontanol (3 ppm) at panicle initiation, pea and marble stage of fruit growth.	10	2	Contd .												
Cow pea	ICM	Demonstration of Nitrogen fixing vegetable Cow pea variety Kashi Kanchan.	11	0.083	168.10	120.0	40.08	Pod Yield Kg/plant 0.15	Pod Yield Kg/plant 0.10	85000	252170	167170	2.97	80000	180000	100000	2.25
Sweet corn	ICM	Demonstration on Sweet corn variety VL Sweet corn	12	0.3	119.6	79.8	49.87	Cob weight (g) 182.6	Cob weight (g) 178.2	70000	143520	72520	2.05	60000	95760	35760	1.59
Cauliflower	Varietal Introduction	Demonstration on off season cauliflower variety Megha	08	0.024	528.00	384.00	37.5	Single curd weight 800 gm.	Single curd weight 500 gm.	120000	422400	302400	3.52	110000	307200	197200	2.79
Banana	Varietal Introduction	Demonstration of TC Banana variety Amritapan	25	0.08	168.00	145.00	15	Yield (q/plant) 0.0381	Yield (q/plant) 0.0329	175000	828000	653000	4.73	170000	710000	540500	4.17

[illegible]

Others (pl.specify)	Intensi ve culture	Demonstratio n on Intensive culture of <i>Pangassius</i> spe cies (24FFS05(K))	10	10	1.2 kg growth of per fish. 108000 kg yield	1500 kg		74% survival i.e. 90000 nos.	83% surviv al i.e. 2500 nos.	161366 4/-	1620000 0/-	1458633 6/-	10	55552/ -	22500 0/-	16944 8/-	4.0
Pangassiu s	Intensi ve culture	Demonstratio n on Intensive culture of <i>Pangassius</i> spe cies (23FFS18(Y))	10	10	1.3 kg growth of per fish. 123500 kg yield	650g growt h of per fish. 1690 kg yield		78% survival i.e. 95000 nos.	86% surviv al i.e. 2600 nos.	161366 4/-	1852500 0/-	1836365 6/-	11. 4	55552/ -	25350 0/-	19794 8/-	4.5

IFS	Integrated Fish Farming	Demonstration of strengthening of Pond based IFS (23FFS18(Y))	11	11	4500 kg fishes, 100 nos eggs, 45 kg Duck meat, 4000 nos. papaya, 4000 dozen babana, 500 kg drumstick, 166 g vegetables	2016 kg yield		95% survival	93% survival i.e. 2800 nos.	121500 /-	803500/-	553500/-	5.5	69800/-	302400/-	232600/-	4.3
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IFS	Integrated Fish Farming	Demonstration of strengthening of Pond based IFS (23FFS18(Y))	11	11	5000kg fishes, 100 nos. eggs, 45 kg duck meat, 400 nos. papaya, 400 dozen banana, 400kg drumstick and 200 kg vegetables	2175 kg		100% survival	96% i.e. 2900 nos. survival	121500 /-	862500/-	741000/-	7.0	69800/-	326250/-	256450/-	4.6
	Total		74	74													

* 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

[illegible]

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

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women	Use of improved sickle for drudgery reduction by using small agriculture implements & increase efficiency Hr.	30	10 mandays / ha	14 mandays / ha	
Pregnant women	--	--	--	--	--
Adolescent Girl	--	--	--	--	--
Other women	--	--	--	--	--
Children	--	--	--	--	--
Neonatal	--	--	--	--	--
Infants	--	--	--	--	--

Farm implements and machinery

[illegible]

Intercultural operation tools and machineries.	Hand soil tillers	Vegetables	Soil tiller	17	3										
	Khurpa	Paddy & vegetables	Use for weeding & intercultural operations.	100	35										
	Onion Hoe	Onion	Use for onion intercultural operations.	10	3										
	FHHR Hoe	Field crops	Use for intercultural operations.	10	3										
	Prong cultivator	Vegetables	Cultivating soil	20	7										
	Hand weeder	Vegetables	weeding	100	25										
Irrigation management tools and machineries															
Plant protection tools and machineries															
Harvesting tools and machineries	Okra plucker	Okra	Okra plucker for sustainable harvesting	250	15	08 / ha	15 / ha	87.5	07				3150		

[illegible]

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

** BCR= GROSS RETURN/GROSS COST

Demonstration details on crop hybrids

[illegible]

Maize (Fodder)	Kalinga Raj	12	2	4580	3830	19.58	40000	84730	44730	2.2
Sorghum (Fodder)										
Others (Pl. specify)										
Total										

Good quality photographs of FLDs





Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Paddy	IPM by nursery treatment with Chlorantraniliprole 0.4G @ 400 g/40m², Fixing of Pheromone traps 25 nos./ha at 15 to 20 DAT, alternate spraying of Fipronil 5SC @ 1250 ml/ha and Cartap hydrochloride 50 SP @ 750 g/ha starting from 25 DAT is effective control of stem borer and leaf folder in paddy able to increase yield up to 8.01%. IWM by chemical weed management in direct seeded rice by dry seeding with seed-cum-fertilizer drill, line sowing, seed rate@40kg/ha, fertilizer along with seeding, Bispyribac sodium@250ml/ha at 15-20 DAE increase yield up to 3.5 % and reduce cost of cultivation of weeding.

2	Maize	Kalinga Raj hybrid maize variety able to increase yields up to 19.58 % and recommended for eastern ghat zone for commercial farming.
3	Green Gram	IPM strategies in Green gram variety Birat by using Seed treatment with Imidacloprid 600 FS @ 5 ml/ kg, placement of yellow sticky trap @ 50/ha, spraying of Neem oil 0.15% @ 2 ml/L at 30 DAS and need based spraying of Diafenthiuron 50 % WP @ 1 gm /l at 45 DAS able to reduce MYMV % from 18% to 04 % and increase yield up to 19.04 %.
4	Okra	Demonstration of Okra variety Kashi Chaman able to increase yield up to 14.23% more than tradition varieties and have ability to resists against YVMV in okra. This variety is recommended for commercial production in eastern ghat zone.
5	Dragon Fruit	Dragon fruit is recommended by using single pole system made up of cement pole with cement ring.And also suitable for hot sub tropical zone of Odisha.
6	Papaya	Gynodioecious varieties of Papaya such as Arka Prabhat, Red lady, Vinayak are recommended for commercial farming in Eastern ghat zone.
7	Mango	Demonstration of growth promoters for improving fruit retention, yield, and quality of mango by using triacontanol (3 ppm) at panicle initiation, pea and marble stage of fruit growth stage able to increase yield up to 13 %. This encourages mango grower to increase mango area at East6ern ghat zone (Malkangiri), Odisha.
8	Cow pea	Demonstration of Nitrogen fixing vegetable Cow pea variety Kashi Kanchan able to increase yield up to 40% and soil fertility increase which is good for next commercial crop production.
9	Sweet corn	Demonstration on Sweet corn hybrids able to increase yield up to 49 % and increase farmer's income as well. This is most promising crop in eastern ghat zone of Odisha and suitable for crop diversification.
10	Cauliflower	Cauliflower hybrids megha, HCL etc. are suitable for off season cultivation and increase farmers yield & income up to 37 %.
11	Banana	IDM measures in TC banana variety Bantala&Amrutapani resulted well with healthy bunch.

12	Sunflower	
13	Tomato	Organic farming tomato yields 65 q/ha.
14	Cucumber	
15	Paddy Straw mushroom	
16	Carp Fingerlings	Rearing of fish seeds in small seasonal pond will not only supply adequate fingerlings but also generate livelihood opportunities for small scale farmers in short period of culture.
17	<i>Pangassius</i> species	Higher investment and higher net return and the profits obtained technology of intensive culture of <i>Pangassius</i> species as compare with farmers practice.

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	25.03.2025, 14.10.2025, 12.11.202,	03	150	1. IMC fish farming. 2. Demonstration on Chemical weed management in Direct Seeded Rice. 3. Demonstration on summer sunflower KBSH-78.
2.	Farmers Training	20.08.2025, 30.08.2025, 23.09.2025, 12.12.2025, 20.12.2025,			Horticulture, Soil Science, Fisheries

3.	Media coverage	06.11.2025, 19.11.2025, 20.11.2025, 19.12.2025	08	867	FLD, Training, extension programme.
4.	Training for extension functionaries	17-18.02.2025, 25-26.03.2026 28-29.11.2025	03	60	Horticulture, Soil Science, Fisheries

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2025 and Rabi 2024-25:

A. Technical Parameters

[illegible]

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

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

F. Extension activities under FLD conducted

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

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries	1	1	2	3	5	0	5	9	3	12	15	5	20
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing	1	3	0	3	12	0	12	5	0	5	20	0	20
Others	1	0	0	0	10	1	11	8	1	9	18	2	20
Total	6	4	2	6	28	1	29	78	7	85	110	10	120

C) Extension Personnel (on campus)

Thematic Area	No. of	No. of Participants	Grand Total
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Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	03	00	00	00	00	00	00	64	26	90	64	26	90
Offseason vegetables	01	01	00	01	07	00	07	12	10	22	20	10	30
Nursery raising	0												
Exotic vegetables	0												
Export potential vegetables	0												
Grading and standardization	0												
Protective cultivation	0												
Winter &Under utilized vegetables	0												
Organic vegetable farming	02	01	00	01	06	02	08	30	21	51	37	23	60
Total (a)	6	2	0	2	13	2	15	106	57	163	121	59	180

[illegible]

[illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	20	3	1	4	62	8	70	275	241	516	340	250	590

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													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	03	00	00	00	00	00	00	64	26	90	64	26	90
Off season vegetables	01	01	00	01	07	00	07	12	10	22	20	10	30
Nursery raising	0												
Exotic vegetables	0												
Export potential vegetables	0												
Grading and standardization	0												
Protective cultivation	01	00	00	00	00	00	00	19	11	30	19	11	30
Integrated Horticulture base farming system.	01	01	00	01	03	01	04	17	08	25	21	09	30
Organic Vegetable Farming	02	01	00	01	06	02	08	30	21	51	37	23	60
Total (a)	8	3	0	3	16	3	19	142	76	218	161	79	240
b) Fruits													
Training and Pruning	0												
Layout and Management of Orchards	01	0	0	0	24	02	26	02	02	04	26	04	30
Cultivation of Fruit	01	0	0	0	0	0	0	25	05	30	25	05	30

[illegible]

[illegible]

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL	27	4	1	5	127	59	185	351	258	609	482	327	809

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing	1	3	0	3	12	0	12	5	0	5	20	0	20
Others	1	0	0	0	10	1	11	8	1	9	18	2	20
Total	7	4	2	6	28	1	29	98	7	105	130	10	140

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management	01	05	00	05	10	00	10	05	00	05	20	00	20
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology	01	04	01	05	03	00	03	10	02	12	17	03	20
Production and use of organic inputs	01	10	0	10	1	0	01	7	2	9	18	02	20

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
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing	01	00	02	02	03	03	06	09	03	12	12	08	20
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other (culture of GI/Non – GI Scampi)	1	6	2	8	3	0	3	9	0	9	18	2	20
Total	5	25	5	30	20	3	23	40	7	47	85	15	100

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
Horticulture	F & FW	Cultivation of ARC potato	01	Doriguda/ Off Campus	8	22	30	8	22	30
Horticulture	F & FW	Establishment of new fruit orchard.	01	Batriatal/ Off Campus	5	25	30	5	25	30
Horticulture	RY	Grafting, Budding & asexual propagation technology in horticultural crops.	02	KVK, Malkangiri/ On Campus	20	0	20	20	0	20
Horticulture	F&FW	Organic vegetable farming.	01	Batriatal/ Off Campus	19	11	30	19	11	30
Horticulture	F & FW	Method of weed management in vegetables.	01	Doriguda/ Off Campus	19	11	30	19	11	30
Horticulture	F & FW	Package & practices of dragon fruits.	01	KVK, Malkangiri/ On Campus	24	6	30	23	6	29
Horticulture	F & FW	Package & practices of Okra fruits	01	Banur/ Off Campus	30	0	30	30	0	30
Horticulture	F & FW	Planting geometry in papaya	01	MV-47/ Off Campus	26	4	30	24	2	26
Horticulture	F & FW	Integrated horticulture base farming system.	01	KVK, Malkangiri/ On Campus	21	9	30	20	9	29

Horticulture	F & FW	Cultivation of winter & underutilized vegetables.	01	Doriguda/ Off Campus	18	12	30	17	12	29
Horticulture	F & FW	Advanced production mechanism in fruits & vegetables.	01	KVK, Malkangiri/ On Campus	20	10	30	19	10	29
Horticulture	F & FW	Production management, storage & marketing of onion.	01	Banur/ Off Campus	26	4	30	26	4	30
Soil Science	RY	Practices of Natural Farming	02	KVK Malkangiri/ On Campus	20	0	20	20	0	20
Soil Science	IS	Recycling of farm wastes	02	KVK Malkangiri/ On Campus	18	2	20	10	1	11
Soil Science	FW	Production technology for raising Azolla Nursery	01	Batriatal/ Off Campus	10	20	30	10	20	30
Soil Science	FW	Production technology for raising Azolla Nursery	01	Banur/ Off Campus	30	0	30	30	0	30
Soil Science	FW	Natural Farming Practices in vegetable crops	01	Batriatal/ Off Campus	20	10	30	20	10	30
Soil Science	FW	Natural Farming Practices in vegetable crops	01	Banur/ Off Campus	17	13	30	17	13	30
Soil Science	FW	Vermicompost production and its uses	01	Alangguda/ Off Campus	16	14	30	16	14	30
Soil Science	RY	Practices of Natural Farming	02	KVK Malkangiri/ On Campus	17	3	20	17	3	20

Soil Science	RY	Vermicomposting &vermiwash Production	02	Maranpali/ Off Campus	20	0	20	20	0	20
Soil Science	FW	Application of biofertilizers in vegetable crops	01	Maranpalli/ Off Campus	16	4	20	16	4	20
Soil Science	IS	Practices of Natural Farming	02	KVK Malkangiri/ On Campus	14	6	20	5	4	9
Fisheries	F/FW	Disease Management in Freshwater Aquaculture	01	Off / koyaguda	0	30	30	0	30	30
Fisheries	F/FW	Fish Pickle and Fish Ball Preparation	01	Off / MV-38	1	29	30	1	28	29
Fisheries	F/FW	Feed Management in Freshwater Aquaculture	01	Off /MV-125	3	27	30	3	26	29
Fisheries	F/FW	Pond based cage culture technology	01	Off /Puspali	9	21	30	9	21	30
Fisheries	F/FW	Management of Pen Culture	01	Off / Banur	17	13	30	17	13	30
Fisheries	F/FW	Freshwater Fish Species for Aquaculture	01	Off/ Kalamunda	11	19	30	11	17	28
Fisheries	F/FW	Low cost Management in culture of Singhi	01	Off / MV-12	22	8	0	22	8	30
Fisheries	RY	Biofloc Technology	02	KVK Malkangiri/ On Campus	18	2	20	18	2	0
Fisheries	IS	Pond Management in relation to water quality management in Aquaculture	02	KVK Malkangiri/ On Campus	12	8	20	8	7	15



H) Vocational training programmes for Rural Youth

a) Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of	Number	Number of persons	

women													
Drudgery reduction of women													
Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics	02	0	3	3	3	0	3	36	8	44	39	11	50
Other													
Total	02	0	3	3	3	0	3	36	8	44	39	11	50
Grant Total	8	10	9	19	37	19	56	80	25	105	127	53	180

Good quality photographs of training activity:





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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	01	35	15	50	78	02	01	03	37	16	53
KisanMela	03	290	195	485	62	08	06	14	298	201	499
KisanGhoshthi	00	00	00	00	00	00	00	00	00	00	00
Exhibition	04	180	60	240	75	05	04	09	185	64	249

Film Show	10	185	115	300	80	02	03	05	187	118	305
Method Demonstrations	04	45	35	80	65	01	02	03	46	37	83
Farmers Seminar	00										
Workshop	01	55	45	100	75	04	06	10	59	51	110
Group meetings	12	130	110	240	80	00	00	00	130	110	240
Lectures delivered as resource persons	20	520	280	800	75	10	10	20	530	290	820
Advisory Services	36	420	300	720	75	08	06	14	428	306	734
Scientific visit to farmers field	85	550	350	900	80	02	03	05	552	353	905
Farmers visit to KVK	267	165	102	267	80	04	06	10	169	108	277
Diagnostic visits	08	60	25	85	75	00	00	00	60	25	85
Exposure visits	04	60	20	80	85	02	03	05	62	23	85
Ex-trainees Sammelan	00	00	00	00	00	00	00	00	00	00	00
Soil health Camp	00	00	00	00	00	00	00	00	00	00	00
Animal Health Camp	00	00	00	00	00	00	00	00	00	00	00
Agri mobile clinic	00	00	00	00	00	00	00	00	00	00	00
Soil test campaigns	02	25	20	45	85	01	01	02	26	21	47
Farm Science Club Conveners meet	02	60	20	80	75	02	02	04	62	22	84
Self Help Group Conveners meetings	04	00	80	80	70	00	00	00	00	80	80

Mahila Mandals Conveners meetings	00	0	0	0	0	0	0	0	0	0	0
Celebration of important days (specify)	05	40	60	100	75	02	04	06	42	64	106
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa	08	120	140	260	70	02	02	04	122	142	264
Mahila Kisan Divas	01	00	40	40	75	02	01	03	02	41	43
Ek Ped Maa Ke Naam	02	18	22	40	70	01	01	02	19	23	42
Total	476	2668	1839	4507	1443	50	55	105	2718	1894	4612

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	15
Radio talks	01
TV talks	02
Popular articles	02
Extension Literature	10
Research Paper	01

Good quality photographs of Extension activity:







3.5 a. Production and supply of Technological products

Village seed

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmers to whom seed provided							
					SC		ST		Other		Total	
					M	F	M	F	M	F	M	F
--	--	--	--	--	--	--	--	--	--	--	--	--
Total												

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Paddy	Var-Kalinga Dhan (1209)	34.8	120000	15	18	14	12	02	05	31	35
Grand Total		34.8	120000	15	18	14	12	02	05	31	35

Good quality photographs of seed production:



Lime											
Papaya	Gynidiasious, Red Lady	1000	20000	08	06	10	04	06	05	24	15
Banana											
Others											
Ornamental plants Marigold	INCA	1000	10000	08	06	15	08	05	08	28	22
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Others, pl.specify											
Total		9000	85000	39	25	62	35	27	37	128	97

Good quality photographs of planting materials:

Mixed carp											
Fish fingerlings											
Spawn											
Others (Pl. specify)											
Grand Total		12000	164000	5	4	55	63	4	4	64	71

Good quality photographs of livestock and fisheries:



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

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2024	-					
Rabi 2023-24						
Summer/Spring 2025						
Kharif 2025						
Rabi 2024-25						

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		
2021-22	--			
2022-23				
2023-24				
2024-25				

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/symposia papers	Seminar on roof top gardening & horticulture for urban living & microclimate. National seminar on Extension education strategies for digital agriculture: experiences & sustainable pathways. The Role of Artificial Intelligence in Advancing Horticultural Crop Production. 03	Dr. Sidhartha Kar	03	Mass circulation
Books/Booklets	"Scientific Dragon Fruit Cultivation" Odia language "Protected Cultivation of Capsicum" Odia language. "Scientific Sesame Cultivation" Odia language. "Exotic Vegetable farming" Odia language. " Kharif Onion Farming" Odia language. 05	KVK, Malkangiri	2500	2500
Bulletins				
News letter	01	KVK, Malkangiri	500	500

Popular Articles				
Book Chapter	01	Dr. Sidhartha Kar	2000	2000
Extension Pamphlets/ literature				
Technical reports	04	Dr. Sidhartha Kar	200	200
Electronic Publication (CD/DVD etc.)	Golda Chingudi Chas 01	Atish M. Mane	1	Developed by Department of Fisheries and Animal Husbandry
TOTAL	15			

N.B.: Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English



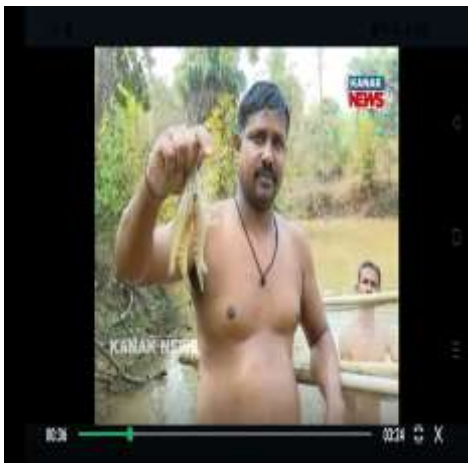
(B) Details of HRD programmes undergone by KVK personnel:

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	ICAR-CHES refresher course.	Refresher training on horticulture for Scientist.	Dr. S. Kar, Sci. Hort.	25.11.2025-26.11.2026 2 Days	ICAR-CHES
2.					
3.					
4.					
5.					
6.					
7.					

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

Success Story - 1

Name of farmer	Dipankar Gain
Address	MV-12, Malkangiri
Contact details (Phone, mobile, email Id)	8260601353
Landholding (in ha.)	1 ha

Name and description of the farm/ enterprise	Freshwater Prawn culture
Economic impact	Farmers could double his income through this technology
Social impact	Others farmers of the district became impressed through the farming of Dipankar Gain
Environmental impact	Eco-Friendly Technology
Horizontal/ Vertical spread	Upto 5ha
Good quality photographs (2-3)	   

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Success Story - 2

 SUCCESS STORY OF FARMER YEAR 2025	
Name of farmer	Dilip Kumar Mallick
Address	S/O – Bankim Mallick, MV -15, GP – Tandapali, Malkangiri, Odisha, India
Adhar No.	622189405952
Contact details (Phone, mobile, email Id)	7735575994 (M)
Landholding (in ha.)	1.5
Name and description of the farm/ enterprise	Integrated farming crops: Paddy, Cauliflower, Brinjal, Ridge gourd, Cow pea, Okra, Bitter Gourd, Radish, Mango, Citrus, Banana
Economic impact	GC: Rs.1,50,000/- GR: Rs. 4,20,000/- NR: Rs. 2,70,000/-
Social impact	Nearby 15 farmer encouraged by observing the growth of Dilip Ku. Mallick and doing off season Cauliflower in 10 hectare. He is supplying regular vegetable to local market, Mandis.
Environmental impact	Throughout the year green coverage by crops & vegetables.
Horizontal/ Vertical spread	KVK to Farmer Vertically and Farmer to other nearby farmer horizontally (10 ha.)
Background information about	Farmer field around 1 hectare of land is situated 13 Km. distance from District Head

farmer field	quarter and 15 Km. from KVK, Malkangiri. Field has well irrigation facilities with Bore well water source. Started Integrated Farming during the Year 2014
Details of technology demonstrated	Paddy - Hybrid, Cauliflower – Disha, Barkha, Megha, Brinjal – Blue Star, Ridge gourd - Mala, Cow pea – Nishi Kanchan, Okra – VNR, Namdhari, Bitter Gourd- Chotu, Chaman, Katai, Raddish – Pusa Chetaki, Sweet corn – VL Sweet corn, Mango - Baiganpalli, Dasheri, Arka Puneet, Citrus - Kagji, Banana – Patkarpura.
Institutional Involvement	Krishi Vigyan Kendra, Malkangiri provides input support Agro implements- Spray Machine, Paddy – Hasanta, Kala Jeera, IPM in Okra & Cauliflower, Training and Throughout the Year Cauliflower farming technology.
Success Point	Technology & input support from KVK, Malkangiri
Farmer Feedback	Variety has good performances and head size is better than traditional use varieties. It can result better during winter planting.

FARM OUTCOME

Crop	Area (ha)	Season	Yield Q/ha
Paddy	1.2	Kharif	42
Cauliflower	0.75	Rabi	182
Brinjal	0.02	Rabi	35
Cow Pea	0.02	Rabi	10
Okra	0.2	Kharif	40
Ridge Gourd	0.01	Kharif	10
Bitter Gourd	0.01	Kharif	05
Radish	As inter crop with Cauliflower		10
Mix Fruit Orchard	0.001	Throughout the Year	05

ACTION PHOTOGRAPHS:-**Success Story – 3****Success Story of Progressive Farmers**

Name and Address	: Name : Subrat Majumdar Village : MV-39 GP :Badili Block :Kalimela Family Members : 05 Land holding :10 Ac.	
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		Linkage with KVK since: 2023																																															
Adhar Number	:	606161877047																																															
Telephone /Mobile Number	:	9937066038																																															
Category of farmers	:	Medium																																															
Enterprise taken up	:	Hi-tech Horticulture & Integrated farming																																															
Intervention/services provided to the farmers through training (FLD, OFT, Extn. Activities)	:	In line drip irrigation with Mulching Vegetable cultivation – 1 Ac. TC Banana Bantala – 1.0 Ac (1000 nos. variety Bantala) Cashew Orchard – 2 Ac. (160 grafts variety V-4) Coconut – 500 nos. (variety orange dwarf planted in border and road side) Paddy – 4 Ac. Poultry colour bird – 300 numbers Pond – 3 Ac (2 pondsrairng IMC, Magur) Button mushroom – 4000 sqr. ft. Training support on integrated farming																																															
Profit generated	:	<table border="1"> <thead> <tr> <th>Crop</th><th>GC (Rs.)</th><th>GR (Rs.)</th><th>NR (Rs.)</th><th>BC</th><th>Remark</th></tr> </thead> <tbody> <tr> <td>A.H. (hen)</td><td>25000</td><td>200000</td><td>175000</td><td>8</td><td>Sailing through-out the Year</td></tr> <tr> <td>Vegetable with drip & mulching</td><td>200000</td><td>700000</td><td>500000</td><td>3.5</td><td>Sailing through-out the Year</td></tr> <tr> <td>Paddy</td><td>75000</td><td>250000</td><td>175000</td><td>3.34</td><td>Kharif season</td></tr> <tr> <td>Fruit</td><td>70000</td><td>370000</td><td>300000</td><td>5.29</td><td></td></tr> <tr> <td>Button Mushroom (working capital)</td><td>200000</td><td>0</td><td>0</td><td>0</td><td>Newly started</td></tr> <tr> <td>Total</td><td>570000</td><td>1520000</td><td>950000</td><td>2.67</td><td></td></tr> </tbody> </table>						Crop	GC (Rs.)	GR (Rs.)	NR (Rs.)	BC	Remark	A.H. (hen)	25000	200000	175000	8	Sailing through-out the Year	Vegetable with drip & mulching	200000	700000	500000	3.5	Sailing through-out the Year	Paddy	75000	250000	175000	3.34	Kharif season	Fruit	70000	370000	300000	5.29		Button Mushroom (working capital)	200000	0	0	0	Newly started	Total	570000	1520000	950000	2.67	
Crop	GC (Rs.)	GR (Rs.)	NR (Rs.)	BC	Remark																																												
A.H. (hen)	25000	200000	175000	8	Sailing through-out the Year																																												
Vegetable with drip & mulching	200000	700000	500000	3.5	Sailing through-out the Year																																												
Paddy	75000	250000	175000	3.34	Kharif season																																												
Fruit	70000	370000	300000	5.29																																													
Button Mushroom (working capital)	200000	0	0	0	Newly started																																												
Total	570000	1520000	950000	2.67																																													
Other Related Information	:	<table border="1"> <thead> <tr> <th>Sl. No.</th><th>Information Required</th><th>Remarks</th></tr> </thead> <tbody> <tr> <td>1</td><td>Annual Income from Agriculture and allied sector</td><td>Rs. 950000/-</td></tr> <tr> <td>2</td><td>Membership in social organization</td><td>Family member in SHG</td></tr> <tr> <td>3</td><td>Linkage with Govt. Institution</td><td>Nil</td></tr> <tr> <td>4</td><td>Awards and Recognition</td><td>Nil</td></tr> </tbody> </table>						Sl. No.	Information Required	Remarks	1	Annual Income from Agriculture and allied sector	Rs. 950000/-	2	Membership in social organization	Family member in SHG	3	Linkage with Govt. Institution	Nil	4	Awards and Recognition	Nil																											
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3	Linkage with Govt. Institution	Nil																																															
4	Awards and Recognition	Nil																																															

Employment generated	:	950
Socio-economic upliftment with data	:	Tractor -1, Car-1no., Chaff cutter-1 no. , Composting leaf cutter machine- 1 no., Button mushroom chamber (ventilated) 4000 sqr. ft structure and implements purchase through agriculture income and support from bank, subsidy avail from horticulture department for micro-irrigation and mulching.
Any other information	:	Raring of Sonali, Kadaknath chicks & using of separate brooding chamber, plantation of nutrition reach vegetables & fruits in kitchen garden. Adoption of organic farming technology promoted by KVK encourages for integrated farming, integrated fruit-vegetables- fish-poultry farming. APICOL supported for Botton Mushroom farming.



BUTTON MUSHROOM FARMING



INTEGRATED HORTICULTURE FRUIT PLANTATION



FINANCIAL SUPPORT BY APICOL & TECHNICAL SUPPORT BY KVK

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

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

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

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
01	Liquid manure	Use of neem, karanj, tulsi, pulses, gum producing leafs and cow dung, cow urin in 1:1:1 ration and ferment it for 21 days and after use @1:20	Plant nutrition, pest management

- 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)
01	Ragi	280	6.80 q./ha	86	Y
02	Little millets	40	5.5 q/ha	64	N
03	Black gram	85	4.3 q/ha	142	N

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed

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

Sl. No	Name of the Equipment	Qty.
1	Automatic nitrogen analyser (kelplus)	1
2	Double beam UV-VIS Digital Spectrophotometer	1
3	Flame photometer	1
4	Soil moisture (PMS-714 Battery need)	1
5	Electronic precision balance (Wensar)	1
6	Refrigerated centrifuge	1
7	Physical balance	1
8	Distilled water unit	1
9	pH meter- micro controller based	1
10	Conductivity meter (Elico-cm-183EC)	1
11	Rotary shaker (platform type)	1
12	Mechanical stirrer	1
13	Bouyoucus Hydrometer	1
14	Hot air oven	1
15	Top pan balance	1
16	Thermometer	1
17	Water quality analyser	1
18	Vortex	1
19	Magnetic stirrer	1
20	Wooden hammer	1
21	Sieve, bras frame 8" with SS cloth 2 mm	1

22	Keen cup	1
23	Soil moisture sample box	1
24	Soil auger (screw type)	1
25	Wire gauge with asbestos centre	1
26	Burner with stop cock, brass pipe heavy brass	1
27	Mridaparishak mini soil testing kit	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			
Out sourcing	100	100	100	12	Nil

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	03	CDAO, PD, DDH	40	100

3.11.d. Details of other samples like Plant, Water analyzed so far

Name of Samples analyzed	No. of Samples analyzed	No. of Farmers benefitted	No. of Villages covered	Amount realized (Rs.)
Plant	0			
Water	0			
Other (Fertilizers, manure, food etc.)	0			

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

No of training programme	No of demonstrations	No of plant material produced	Visit by the farmers	Visit by the officials
0	0	0		

3.13. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
20th <i>Parthenium</i> Awareness Week 19-25.08.2025	03	150	Eradication of Parthenium grass in Paddy field

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

No of student trained	No of days stayed
20	3

ARS trainees trained	No of days stayed
-	-

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

Date	Name of the person	Purpose of visit
05.12.2025	ADM(Revenue), Malkangiri	Celebration of World Soil Day
12.03.2025	ADR, RRTTS, semiliguda & DDE, Extension Education, OUAT, Bhubaneswar & other District Heads	SAC meeting & demo unit visit
30.04.2025	Hon'ble. Dist. Collector cum magistrate	Celebrated Akshaya Tritiya & visited KVK demo unit
24.02.2025	ADM(General), MLA	Kisan Samman Samaroho
10.07.2025	Chairman, Zilla Parishad, Malkangiri	National Fishery Day
02.08.2025	ADM(Revenue), Malkangiri, MLA Representative	PM Kisan Samman Nidhi

11.10.2025	Hon'ble. Dist. Collector cum magistrate, Malkangiri, ADM(Revenue), Malkangiri, MLA & MLA Representatives	Launching of PM Dhan Dhanya Krishi Yojana
15.11.2025	MLA, Malkangiri	Exhibitions stall on the occasion of Jana Jatiya Gourav Diwas.
21.11.2025	MP Representative, MLA Representative, Malkangiri	World Fishery Day

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)
Crop diversification to sweet corn.	70	85	Rs. 60000/-	Rs. 125000/-
Okra High yielding Kashi Chaman	45	78	Rs. 165769/-	Rs. 200669/-

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread
Sweet corn hybrids	250 ha.
Nitrogen fixing crop cow pea	75 ha.
Onion	25 ha.
Organic farming	10 ha.
IPM in Green gram & black gram	40 ha.
TC Banana	05 ha.
DSR Rice	35 ha.
Off season cauliflower	10 ha.

Give information in the same format as given below

Name of farmer	Dilip Mallick
Address	MV-15, Tindapali, Malkangiri, Odisha
Contact details (Phone, mobile, email Id)	7735575994
Landholding (in ha.)	2.5
Name and description of the farm/ enterprise	Integrated vegetable farming
Economic impact	By adoption of KVK recommended technologies farm income able to increase with a BC ratio 1:3.5
Social impact	New technology encourages nearby farmers and further adopted the technology.
Environmental impact	Fallow land became greenery which has great

	aesthetic values.
Horizontal/ Vertical spread	Horizontal spread 18 ha.
Good quality photographs (2-3)	



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

Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
01	Sweet corn hybrids introduced in 18 ha area for higher yield, better market demand and short duration cultivation during last 3 years	Farmers showed increased interest due to higher profitability, better taste preference and improved market opportunities.	Area coverage reached 250 ha with increase in productivity, higher income generation and improved cropping intensity.
02	Nitrogen fixing crop Cow pea cultivated in 9 ha for	Farmers observed improvement in soil health and reduction in	75 ha brought under cow pea cultivation leading to enhanced nitrogen fixation and reduced chemical fertilizer

	soil fertility improvement and additional fodder/pulse production during last 3 years.	fertilizer requirement.	use.
03	Onion cultivation expanded in 5 ha with improved production technologies during last 2 years.	Farmers gained confidence due to better market price and storage potential.	Onion cultivation spread to 25 ha resulting in diversification and increased farm income.
04	Organic farming practices promoted in 4 ha through use of organic inputs and eco-friendly cultivation methods.	Farmers developed awareness on safe food production and sustainable agriculture.	10 ha covered under organic farming resulting in reduced chemical input use and improved soil condition.
05	Integrated Pest Management (IPM) practices demonstrated in Green gram and Black gram over 6 ha during last 3 years.	Farmers appreciated reduced pest incidence and lower pesticide expenditure.	IPM adopted in 40 ha leading to reduced chemical pesticide use and improved crop health.
06	Tissue Culture (TC) Banana cultivation introduced in 01 ha using quality planting materials during last 3 years.	Farmers expressed satisfaction with uniform growth and higher yield potential.	05 ha covered under TC Banana cultivation with improved plant survival and productivity.
07	Direct Seeded Rice (DSR)	Farmers experienced ease in	DSR spread over 35 ha resulting in saving of irrigation

	technology adopted in 6 ha for water and labour saving.	cultivation with reduced labour dependency.	water, labour cost and timely sowing.
08	Off-season cauliflower cultivation promoted in 5 ha for higher off-season market returns during last 3 years.	Farmers were motivated by premium market prices during lean season.	10 ha brought under off-season cauliflower cultivation leading to enhanced income and vegetable availability.

4.4. Details of innovations recorded by the KVK

Thematic area	Farm Mechanization
Name of the Innovation	Power tiller cum Motor operated Groundnut threshing Machine
Details of Innovator	Mr. Dipankar Ray, Kangurukonda, Kalimela, Malkangiri
Back ground of innovation	The innovation address labour intensive, time consuming, Groundnut threshing by providing a low cost, dual power(Electrical motor and Power tiller) thresher that ensures reliable operation, high capacity and reduced drudgery for small and marginal farmers.
Technology details	1.Power Requirement: Suitable for 1HP Electric Motor and 7.5 HP power tiller 2.Threshing Capacity: Depending upon on model and crop

	condition, (a) The machine has a threshing capacity of appx.1-1.2Q/Hr when operated by electrical motor (b)Power tiller operated thresher has a threshing capacity of 1.6-1.8Q/Hr 3.Operating Speed: (a) In electrical operated, the thresher machine operated at a speed of 1440 RPM. -It consumes appx.0.9KW of electricity/Hr if operates for 8hr/Day -Total energy consumption will be about 7.2KW resulting in an electricity cost of appx. Rs.42-44/day at a tariff cost of Rs.6/- (b)Power tiller operated thresher machines operates at 2400-3000 RPM. -The machine consumes appx.500ml of diesel per hr. -If operates for 5hr/day, total diesel consumption will be about 2.5lit resulting in diesel consumption appx.Rs.250-350/day. 3. Development Expenditure:Appx.Rs.70,000 - 80,000/- has been incurred towards the development of the innovative
--	--

	power tiller cum motor operated Groundnut threshing machine. Farmer took abt.1 yr for completion of machine.
Practical utility of innovation	(a) It can save 32-36 Casual labours and 32-36 hrs time of the farmer per day while threshing done manually (b) It is dual power operation(Motor and power Tiller) © It is low cost and energy efficient (d) It reduces drudgery (e) It is suitable for small and marginal farmers (f) It improves post-harvest efficiency and farmer income by reducing labour cost appx.Rs.10,500-11,900/- (g) It is easily transferable to the other places.



4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Integrated Horticulture
Name & complete address of the entrepreneur	Name : Subrat Majumdar Village : MV-39 GP : Badili Block : Kalimela Family Members : 05 Land holding : 10 Ac.
Role of KVK with quantitative data support:	Need base technology support for Button mushroom farming in 0.2 ha. Training support on off season & exotic vegetable farming for 1.5 ha.
Timeline of the entrepreneurship development	2023-2026
Technical Components of the Enterprise	In line drip irrigation with Mulching Vegetable cultivation – 1 Ac. TC Banana Bantala – 1.0 Ac (1000 nos. variety Bantala) Cashew Orchard – 2 Ac. (160 grafts variety V-4) Coconut – 500 nos. (variety orange dwarf planted in border and road side) Paddy – 4 Ac. Poultry colour bird – 300 numbers Pond – 3 Ac (2 ponds raising IMC, Magur) Button mushroom – 4000 sq. ft. Training support on integrated farming

Status of entrepreneur before and after the enterprise	Before income was 2.5 lakhs & after 9.5 lakhs					
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Crop	GC (Rs.)	GR (Rs.)	NR (Rs.)	BC	Remark
	A.H. (hen)	25000	200000	175000	8	Sailing through-out the Year
	Vegetable with drip & mulching	200000	700000	500000	3.5	Sailing through-out the Year
	Paddy	75000	250000	175000	3.34	Kharif season
	Fruit	70000	370000	300000	5.29	
	Button Mushroom (working capital)	200000	0	0	0	Newly started
	Total	570000	1520000	950000	2.67	
Horizontal spread of enterprise	04 farmers adopted the technology in 10.5 Acre of land					

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
ICRISAT	Conducted sesame trials and involved in technology interventions to increase sesame area and productivity in Odisha
Agriculture Department	Pest surveillance - Technical backstopping, monitoring activities by KVK scientists, Active participation & mutual cooperation in various schemes of Department & KVK, involvement in awareness & other programmes, participation in RE meeting,

	Joint diagnostic field visit made.
Horticulture Dept.	QPM verification, beneficiaries selection, participation in RE meeting, technical backstopping.
Fishery Dept.	Beneficiaries from KVK villages availed feed, fish seed from Govt. Schemes, participation in RE meeting, technical backstopping.
ARD Dept.	Active support both in terms of man power and inputs during organization of Animal Health camp and fertility camps in adopted villages, participation in RE meeting & other activities as and when required.
Office of Watershed	Active support both in terms of man power and inputs as and when required in adopted villages
ICAR-Indian Institute of Soil & Water Conservation (IISWC), Research Centre – Sunabeda, District – Koraput	Technical back stopping and active participation in SAC provided to KVK as and when required

5.2. List of special programmes undertaken during 2024 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

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

(b) Programme for other activities (training, FLD,OFT, Mela, Exhibition etc.)

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area(Sq.mt)		Details of production		Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1	Vermicompost unit	2021	50	<i>E. foetida</i>	2 no	2 t	9293	15000	Use in farm
2	Poultry unit	2019	20	Banaraja, Kadaknath, Sonali	10 no	10	500	--	Demonstration
3	Fish Hatchery	2021	12	IMC	2 tank	00	000	-	
4	Medicinal garden	2019	400	Mixed traditional herb	30 types	30	--	--	Demo purpose
5	Guava Orchard	2019	400	VNR Bihi	-	20	-	-	No sale
6	IFS	2012	4000	--	--	--	--	--	Demo purpose

7.	Mango orchard	2018	1000	Amrapali	02 types	50 nos.	-	-	No sale
8	Duckery Unit	2021	80	White pekin	1 type	03 nos.	-	-	No sale
9	Nursery	2023	600	hybrid		20000	109947	281600	
10	Papaya Cafeteria	2024	400	Hybrid (Red lady, Vinayak)	-	20	-	-	No sale
11	IPM Model UNIT	2024	1800	IPM vegetable Unit	-	12	-	-	No sale
12	Azolla Unit	2024	50	<i>Azolla maxicana</i> <i>Azolla pinnata</i> <i>Africana</i> <i>Azolla caroliniana</i> <i>Azolla pinnata asiatica</i> <i>Azolla pinnata</i> <i>Azolla milzophylla</i> <i>Azolla filiculoides</i> <i>Azolla rubra</i>	-	8	1600	-	No sale
13	Fooder unit	2024	8	`	-	4	-	-	Demo purpose
14	Strawberry Unit	2024	48	<i>Sweet Charlie</i>	`	1	-	-	

15	Litchi Cfeteraia	2024	250	Muzaffarpur, China	-	1	900	-	
16	Millet Cafeteria	2024	50	Local available millet	-	1	-	-	
18	Lime cafeteria	2024	400			1	-	-	
19	Mousambi Unit	2024	20	-	-	1	-	-	
20	FRP Tank Unit	2024	200	-	-	14	-	-	
21	Nutritional Garden	2024	80	Vegetables(For Kitchen garden)	-	15	-	-	Demonstration Purpose
22	Papaya Intercrop in Guava	2024	200	Queen	-	1	-	-	
23	ITKs Lab	2024	6	-	-	1	-	--	
24	Natural Farming Lab	2024	8	-	-	1	-	-	
25	Black pepper & Coffee Plantation.	2024	16	V55A, V1S8, V35B, V2S6, CXR	-	1	-	-	
	Total							296600	

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
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				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	10.8.2025	05.12.2025	2	Kalingadhan FS	Certified	34.8	60000	Rs.120000	Sold to OSSC fund not received.

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.	Vermi compost	900	Rs. 6000/-	Rs. 18000/-	Use in KVK farm & public distribution.

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Poultry	Sonali	7 week chicks	2000	35000	119000	Distributed under TSP
2.	Fish fingerlings	IMC	fingerlings	10000	15000	45000	Distributed under TSP

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)
NIL			
Total :			

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:

No. of staffquarters:

Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current	SBI	Malkangiri	11384457399
Current	SBI	Malkangiri	30768858587

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

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

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

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

2019.5. Utilization of KVK funds during the year 2025-26(Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				

1	Pay & Allowances			
2	Traveling allowances	130000/-	130000/-	130000/-
3	Contingencies			
A		615000/-	615000/-	615000/-
B				
C	TSP Contingency	1340000/-	1338800/-	1338800/-
D				
E	HRD	30000/-	30000/-	15000/-
J	Swachhta Expenditure	32000/-	30800/-	30800/-
TOTAL (A)		2147000/-	2144600/-	2129600/-
B. Non-Recurring Contingencies				
1	Furniture & Equipments	250000/-	250000/-	248200/-
2	ICT	100000/-	100000/-	99980/-
3	Soil Equipments	350000/-	350000/-	350000/-
TOTAL (B)		700000/-	700000/-	700000/-
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		2847000/-	2844600/-	2829600/-

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	406080	772323	373795	168039
2022-23	168039	480277	162754	179106
2023-24	179106	447295	142162	121207
2024-25	121207	718761	366834	56008
2025-26	56008	709621	372048	16760

- 7.6. (i) Number of SHGs formed by KVKs-2 nos. of Krushak club has been established.
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both
------------------------	--------------------------	--------	----------------------	-----------	--------------

CB FFS	05	Throughout the Year	Department of Agriculture.		Yes
Farm School	01	--	Department of Agriculture.		Yes
Sweet corn	20 Acre	Rabi 2025	Department of Agriculture.		Yes

8. Other information

8.1. Prevalent diseases in Crops

Name of the disease	Crop	Date of outbreak	Area affected (in ha)	% Commodity loss	Preventive measures taken for area (in ha)
F & S Borer <i>Leucinodes orbonalis</i>	Brinjal	15.12.2025	10	35%	04 ha
Vines rot <i>Phytophthora melonis</i>	Pointed gourd	28.12.2025	12	40%	02 ha
Sun scald & Blight	Water melon	14.12.2025	08	30%	01 ha

8.2. Prevalent diseases in Livestock/Fishery

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

9.1. Nehru YuvaKendra(NYK) Training

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

9.2. PPV & FR Sensitization training Programme

Date of organizing the programme	Resource Person	No. of participants	Registration (crop wise)	
			Name of crop	No. of registration
27.03.2025	04	100	--	--

9.3. Kisan Mobile Advisories(National Farmers' Portal/ SMSPortal/ mKisan Portal)

Type of message	No. of messages sent (Text+Voice+Video)	No. of farmersbenefitted
Crop	8	17564
Livestock	2	17564
Fishery	4	17564
Weather	5	17564
Marketing		
Awareness	4	17564
Other	1	17564
Total	24	17564

9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	4566
2.	No. of farmers registered in the portal	17564
3.	Mobile Apps developed by KVK	--

4.	Name of the App	--
5.	Language of the App	--
6.	Meant for crop/ livestock/ fishery/ others	--
7.	No. of times downloaded	--

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
19.09.2025 to 26.09.2025 / 08 Days	Swachhata Hi Seva (Swachhtosav)

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office		
2. Basic maintenance		
3. Sanitation and SBM		
4. Cleaning and beautification of surrounding areas		

5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste		
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	32000	30800
8. Swachhta Workshops		
9. Swachhta Pledge		
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)		
14. No of Staff members involved in the activities		
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total	32000	30800



9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with SeemaSuraksha Bal/ BSF

Title of Programme	Date	No. of participants
--	--	--

9.8. Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
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Give good quality 1-2 photograph(s)

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

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Dars han (Yes /No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPan chat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
29.05.2025-12.06.2025	00	00	00	0	37	00	02	17837	42	17918	No	No

Please provide good quality photographs:

9.10. Details of Swachhta Hi Seva/ SwachhtaPakhwadaprogramme organized

Sl.	Activity	No. of villages	No. of Particip	No. of VIPs	Name (s) of VIP(s)
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No.		Involved	ants		
01	Swachhta Pakhwada at Malkangiri	01	40	00	--
02	Swachhta Pakhwada at Mundaguda	01	40	00	--
03	Swachhta Pakhwada at Mundaguda	01	40	00	--

Please provide good quality photographs:



9.11. Details of MahilaKisan Divas programme organized

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

Please provide good quality photographs:

9.12. 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
01	Dilip Mallick	Tindapali, Malkangiri	Integrated vegetable farming
02	Ratan Mandal	MV-15, Malkangiri	Protected Horticulture
03	Debananda Madkami	Doriguda, Malkangiri	Organic vegetable farming
04	Dana Goleri	Banur, Korukunda, Malkangiri	Integrated farming
05	Chakradhar Pattanayak	Daniguda, Malkangiri	Integrated Horticulture cum fish farming
06	Ashok Parida		

9.13. Revenue generation

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

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
	IMD	Not handed over and work is in progress.

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	Malkangiri	ICM	01	40	PMDDKY & District contingent plan developed and submitted during 2025.

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

- a) Year:
b) Introduction / General Information:

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

Please provide good quality photographs:

11. Details of DAPST/ TSP

a. Achievements of physical output under TSP during 2025

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

Name of KVK		Malkangiri, Odisha					
Sl.No	Item / Activity		Units	Targets / Achievements		No. of Beneficiaries	
				Annual Targets	Achievements	Annual Target	Achievements
1	Trainings (Capacity building/ Skill Development etc.)		No.				
	1.1	1-3 days	No.	44	44	1020	1020
	1.2	4-10 days	No.	2	2	80	80
	1.3	2-4 weeks	No.	1	1	25	25
	1.4	More than 4 weeks	No.	0	0	0	0
2	On Farm Trials (OFTs)		No.	9	9	63	63
3	Front Line Demonstrations (FLDs) and other demonstrations		No.	13	13	130	130
4	Awareness camps, exposure visits etc.		No.	6	6	180	180
5	Input Distribution						
	5.1	Seeds (Field Crops)	Tonnes	1	1	50	50
	5.2	Seeds (High Value Crops, spices etc.)	kg	10	10	20	20
	5.3	Seeds (Root & Tuber Crops)	tonnes	0	0	0	0
	5.4	Nursery plants	No.	50000	50000	300	300
	5.5	Cutting , slips, suckers, etc	No.	4400	4400	20	20
	5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	packets	400	400	60	60
	5.7	Honey Bee Colonies	No.	10	10	10	10
	5.8	Animals-large (Cattle/ Buffalo/	No.	0	0	0	0

		camel/horse/donkey/Mithun/Yak etc.)					
5.9	Animals-small (pig, sheep, goat etc.)	No.	0	0	0	0	
5.1	Poultry chicks / duckling etc	No.	2500	2500	250	250	
5.11	Fish Spawns/ fingerlings	No.	25000	25000	50	50	
5.12	Small equipment's (upto Rs 2000)	No.	100	100	500	500	
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.	1	1	0	0	
5.16	Setting up plant nursery/ seed farm/ hatchery	No.	2	2	20	20	
5.17	Land development/ Reclamation / Conservation	hectares	1	1	10	10	
5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes	0	0	0	0	
5.19	Micro nutrients	tonnes	0.01	0.01	40	40	
5.2	FYM/ Vermicompost	tonnes	1	1	50	50	
5.21	Soil amendents (Gypsum, lime etc.)	tonnes	0	0	0	0	
5.22	Plant protection chemicals	kg	10	10	50	50	
5.23	Plant growth Promoter	kg	1	1	20	20	
5.24	Animal Feed	tonnes	1	1	20	20	
5.25	Animal Fodder	tonnes	0	0	0	0	
5.26	Animal medicines	doses	0	0	0	0	
5.27	Any other (Liquid PSB etc.)	Litre	10	10	40	40	
6	Services/Facilitation						
6.1	Animal Health Camps	No.	2	2	100	100	
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.	250	250	250	250	
6.5	Promotion of agri-entrepreneurship	No.	4	4	4	4	
6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden,	No.	20	20	100	100	

		orchards etc					
	6.7	Creation of market links of farm produces	No.	4	4	100	100
	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.	5000	5000	5000	5000
8	Employment generation for livelihood		(Man-months)	200	200	200	200
9	Fellowship, Stipends or Scholarship		No.	0	0	0	0
10	Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable)		No. of projects	0	0	0	0
11	Monitoring & Evaluation of DAPSC/ST (upto 3%)			0	0	0	0
12	Any other (specify) promotion of Hybrid vegetables (Tomato, Cauli flower, Chilli)		Ha.	2	2	40	40
13	Natural Farming		Ha.	2	2	40	40
14	Vegetable Kitchen Garden		Units (Nos.)	200	200	200	200
15	Sweet corn farming		Ha.	2	2	20	20
16	Demonstration of Trichocard		Ha.	5	5	20	20

b. Fund received under TSP in 2025-26 (Rs. In lakh): Rs. 13,38,800/-

12. Details of DAPSC/ SCSP

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	Activities/ Items No.		No. of Beneficiaries	
				Annual Targets	Achievements	Annual Targets	Achievements
1	Trainings (Capacity building/ Skill Development etc.)		No.	--	--	--	--
	1.1	1-3 days	No.	--	--	--	--
	1.2	4-10 days	No.	--	--	--	--
	1.3	2-4 weeks	No.	--	--	--	--
	1.4	More than 4 weeks	No.	--	--	--	--
2	On Farm Trials (OFTs)		No.		--	--	--
3	Front Line Demonstrations (FLDs) and other demonstrations		No.		--	--	--
4	Awareness camps, exposure visits etc.		No.		--	--	--
5	Input Distribution				--	--	--

5.1	Seeds (Field Crops)	Tonnes	--	--	--	--
5.2	Seeds (High Value Crops, spices etc.)	kg	--	--	--	--
5.3	Seeds (Root & Tuber Crops)	tonnes	--	--	--	--
5.4	Nursery plants	No.	--	--	--	--
5.5	Cutting , slips, suckers, etc	No.	--	--	--	--
5.6	Mushroom Spawns/ Bio-Fertilizers (in Packets)	Packets	--	--	--	--
5.7	Honey Bee Colonies	No.	--	--	--	--
5.8	Animals-large (Cattle/ Buffalo/ camel/horse/donkey/Mithun/Yak etc.)	No.	--	--	--	--
5.9	Animals-small (pig, sheep, goat etc.)	No.	--	--	--	--
5.1	Poultry chicks / duckling etc	No.	--	--	--	--
5.11	Fish Spawns/ fingerlings	No.	--	--	--	--
5.12	Small equipment's (upto Rs 2000)	No.	--	--	--	--
5.13	Medium Equipment's/ machinery (upto Rs 25000)	No.	--	--	--	--
5.14	Large Equipment's / machinery (> Rs. 25000)	No.	--	--	--	--
5.15	Infrastructure / Civil Works/ Ponds etc	No.	--	--	--	--
5.16	Setting up plant nursery/ seed farm/ hatchery	No.	--	--	--	--
5.17	Land development/ Reclamation / Conservation	hectares	--	--	--	--
5.18	Fertilizers (NPK)/ Secondary fertilizers	tonnes	--	--	--	--

	5.19	Micro nutrients	tonnes	--	--	--	--
	5.2	FYM/ Vermicompost	tonnes	--	--	--	--
	5.21	Soil amendments (Gypsum, lime etc.)	tonnes	--	--	--	--
	5.22	Plant protection chemicals	kg	--	--	--	--
	5.23	Plant growth Promoter	kg	--	--	--	--
	5.24	Animal Feed	tonnes	--	--	--	--
	5.25	Animal Fodder	tonnes	--	--	--	--
	5.26	Animal medicines	doses	--	--	--	--
	5.27	Any other (Liquid PSB etc.)	Litre	--	--	--	--
6	Services/Facilitation				--	--	--
	6.1	Animal Health Camps	No.	--	--	--	--
	6.2	Artificial Insemination / Vaccination	No.	--	--	--	--
	6.3	Veterinary Services (Hospitalization, on-site treatment, PD, surgery etc)	No.	--	--	--	--
	6.4	Testing samples of Soil, plant, water, feed, fodder and livestock	No.	--	--	--	--
	6.5	Promotion of agri-entrepreneurship	No.	--	--	--	--
	6.6	Promotion of IFS, IOFS, Natural Farming, Nutrigarden, kitchen garden, orchards etc	No.	--	--	--	--
	6.7	Creation of market links of farm produces	No.	--	--	--	--

	6.8	Use of Institute Facilities (Processing etc.) (in Hours)	Hours	--	--	--	--
	6.9	Subsidies/ Assistance (50% of Project cost, Max. Rs 10,000/beneficiary)	No.	--	--	--	--
7	Distribution of Literature		No.		--	--	--
8	Employment generation for livelihood		(Man-months)		--	--	--
9	Fellowship, Stipends or Scholarship		No.		--	--	--
10	Area oriented R&D Activity (project addressing the problems of agri. Sector faced by the SC/STs and benefit directly, which is measurable and identifiable)		No. of projects		--	--	--
11	Monitoring & Evaluation of DAPSC/ST (upto 3%)				--	--	--
12	Any other (specify)				--	--	--

b. Fund received under SCSP in 2025-26 (Rs. In lakh):

NIL

13. Progress report of NICRA KVK (Technology Demonstration component) during the period

(Applicable for KVKs identified under NICRA)

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks

				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
--	--	--	--	--	--	--	--	--	--	--	--	--	--

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	
--	--	--	--	--	--	--	--	--	--	--	--

Livestock and fisheries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted				Remarks
				SC	ST	Other	Total	

Extension activities

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

Detailed report should be provided in the circulated Performa

Technology (ies) popularized/ scaled up during the year

a) --

b) --

c) --

14. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
01	2 nd Best stall arrangement in Farm mechanization fair	2025	CDAO, Malkangiri	--	--

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
01	Best Farmer Award	Ashok Parida	2025	OUAT, BBSR	--	Pisciculture

16. Any significant achievement of the KVK with facts and figures as well as quality photograph

17. Number of commodity based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year
(Details of the group/society may be indicated)

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
01	Chasi bhai farmers producer company ltd	U01114OR2020 PTC034559	Malkangiri	Production & marketing	Ragi	1245	Rs. 6,45,000	Registered farmers institutions able to fetch right price and farmers able to solve produce sailing problem.
02	Chitrakonda farmers producer company limited	U0109OR2021P TC037024	Malkangiri	Production & marketing	Black gram,turmeric, mango	564	Rs.28200 0	Registered farmers institutions able to fetch right price and farmers able to solve produce sailing problem.
03	Kalimela farmers producer company limited		Malkangiri	Production & marketing	Groundnut,green gram	462	Rs.23100 0	Registered farmers institutions able to fetch right price and farmers able to solve produce sailing problem.
04	Maulimaa farmers producer company ltd	U01100OR2022 PTC039489	Malkangiri	Production & marketing	Ground nut,green gram	319	Rs.15950 0	Registered farmers institutions able to fetch right price and farmers able to solve produce

								sailing problem.
05	Padia farmers producer company ltd	2022U01409OR 2022PTC03933 5	Malkangiri	Production & marketing	Groundnut	402	Rs.20100 0	Registered farmers institutions able to fetch right price and farmers able to solve produce sailing problem.
06	Saveri setu fpc	032018(U0111 0OR2019PTC1)	Malkangiri	Production & marketing	Ragi, Black gram	1284	Rs.4,00,0 00	Registered farmers institutions able to fetch right price and farmers able to solve produce sailing problem.
07	Swabhimana farmers producer company limited	033524 (U014000R202 0PTC033524)	Malkangiri	Procure & Sale of agriculture produce	agriculture produce	1430	Rs.3,63,1 00	Registered farmers institutions able to fetch right price and farmers able to solve produce sailing problem.
08	Sreemaa ganga mauli farmers producer company limited	U01113OD202 4PTC046101	Malkangiri	Production & marketing	Ragi, Black gram	10	Rs.33725 0	Registered farmers institutions able to fetch right price and farmers able to solve produce sailing problem.
09	Maa nakteswari farmers producer company limited	U01100OR2021 PTC	Malkangiri	Procure & marketing	Ragi	552	Rs.1,89,0 00	Registered farmers institutions able to fetch right price and farmers able to solve produce sailing problem.

18. Integrated Farming System (IFS)

Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
01	Pond-fruit plant around pond and poultry-duckery-nursery unit.	01					

19. 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)
15.11.2025	Shri Nityananda Gond Sj. Nrusingha Madkami	Minister of School and Mass Education MLA, Malkangiri	Exhibition at malyabanta ground, malkangiri on the occasion of janajatiya gourav diwas.

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

Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants						Whether uploaded to SIP Portal (Y/N)	Fund utilized for the training (Rs.)
				SC		ST		Other			
				M	F	M	F	M	F		
Mushroom grower (small unit)	Mr. T. K. Behera	27 Feb 2025	25 March 2025	0	04	03	10	0	8	Y	239300

(Please provide good quality photographs)



b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2024

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

21. Information on NARI Project(if applicable)

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

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

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

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





