PROFORMA FOR ANNUAL REPORT 2022 (January-December 2022)

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, At/Po-Sakhigopal, Dist- Puri, Pin-752014, Odisha	06752273960	06752273960	kvkpuri.ouat@gmail.com, purikvk@yahoo.co.in

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

Address	Telephone		E mail
	Office	FAX	
Orissa University of Agriculture & Technology Bhubaneswar-751003, Odisha, India.	(0674)-2397970/ 2397818/ 2397719/ 2397669 / 2397719 / 2397919 / 2397868		registrarouat@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr.Sanjay Kumar Mohanty	-	9437368659	sanjay.mohanty139@gmail.com

1.4. Year of sanction of KVK: 2006

1.5. Staff Position (**as on 1st January, 2022**)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Senior Scientist& Head	Dr.Sanjay Kumar Mohanty	Senior Scientist & Head	Entomology	15600-39100 (GP-8000) RS./-87200	15.09.17	Permanent	
2	Subject Matter Specialist	Dr.Sumita Acharya	Scientist (H.Sc.)	Home Science	15600-39100 (GP-6000) RS./-79800	18.06.18	Permanent	
3	Subject Matter Specialist	Dr.DipsikaParamjita	Scientist (Agril.Engg.)	Agriculture Engineering	15600-39100 (GP-6000) RS./- 77500	23.11.18	Permanent	
4	Subject Matter Specialist	Dr.Ambika Prasad Nayak	Scientist (Fishery)	Fishery	Level-10 Cell-16 Rs.89800/-	04.06.21	Permanent	
5	Subject Matter Specialist	Mrs. Sonita Rani Sethi	S.M.S.(Agril.Extn.)	Agriculture Extension	15600-39100 (GP-) 5400 RS./- 51300	13.08.18	Permanent	
6	Subject Matter Specialist	Vacant					Permanent	
7	Subject Matter Specialist	Vacant					Permanent	
8	Programme Assistant	Vacant					Permanent	
9	Computer Programmer	Mrs. Puspanjali Mishra	Prog.Asst(Comp.)	Computer	9300-34800 (GP-) 4200 RS./- 56900	17.08.15	Permanent	
10	Farm Manager	Mrs. Neeva Mohapatra	Farm Manager	Plant physiology	9300-34800 (GP-) 4200 RS./-41100	29.12.15	Permanent	
11	Accountant / Superintendent	Vacant					Permanent	
12	Stenographer	Sri Bibhu prasad Dash	Steno cum computer operartor	Graduation	5200-20200 (GP-) 2400 RS./-28400	1.8.12	Permanent	
13.	Driver	Sri Nirakar Pradhan	Driver cum Mechanic	Office	5200-20200 (GP-) 1900	1.09.15	Permanent	

					RS./-28400			
14.	Driver	Sri Bijay Kumar Barik	Driver cum Mechanic	Office	5200-20200 (GP-) 1900 RS./- 22900	12.08.16	Permanent	
15.	Supporting staff	Sri Babaji Sethi	Peon cum Watchman	Office	4440-7440 (GP-) 1700 RS./-22900	7.8.08	Permanent	
16.	Supporting staff	Sri Brajabandhu Sahani	Peon cum Watchman	Office	4440-7440 (GP-) 1700 RS./-22900	8.8.08	Permanent	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	Admin building 0.0258, Farmers' hostel- 0.0305
2.	Under Demonstration Units	0.0081
3.	Under Crops	13
4.	Orchard/Agro-forestry	0
5.	Others with details	0.3256 2.61
	Total	16.0

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building						258	Use	ICAR
2.	Farmers Hostel	√					305	Not	ICAR
3.	Staff Quarters (6)	Nil							
4.	Piggery unit	Nil							
5	Fencing	Yes							RKVY
6	Rain Water harvesting structure	Nil							
7	Threshing floor	Nil							
8	Farm godown	√	√ (Roof completed)						
9.	Dairy unit					(damaged by		Not	ICAR

						FANI)			
10.	Poultry unit					√ (damaged by FANI)		Not	ICAR
11.	Goatary unit	Nil							
12.	Mushroom Lab	Nil							
13.	Mushroom production unit					Yes		Use	Fund of KVK
14.	Shade house					Yes		Use	Fund of KVK
15.	Soil test Lab								
	Others, Please Specify								
16	Polyhouse					Yes		Use	Fund of KVK
17	Ornamental Fish Unit					Yes		Use	Fund of KVK
18	Vermicompost production Unit					Yes		Use	Fund of KVK
19	Medicinal Plants Unit					Yes		Use	Fund of KVK
20	Ridge & Furrow Model Unit					Yes		Use	Fund of KVK
21	Apiary Unit					Yes		Use	Fund of KVK
22	Azolla Unit					Yes		Use	Fund of KVK

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Maruti Dzire	2022			
Tractor & Trolly-OR02AN5687/5688	2007	500000	1389 (hr)	Running condition
Bike (Passion Pro)-OR13F2157	2010	48000	39690	Running condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Mridaparishyak Mini Kit	2015	75000	Working condition	ICAR
Mridaparishyak Mini Kit	2016	86000	Working condition	ICAR
b. Farm machinery				
Zero till drill machine (3 row)	2012	20000	Working condition	ICAR
Zero till seed cum fertilizer drill	2012	47500	Working condition	ICAR
Sprinkler rain gun	2016	37456		
Brush cutter	2016	25000	Working condition	ICAR
Power tiller	2016	155500	Working condition	ICAR
Power reaper	2016	116134	Working condition	ICAR
Diesel pumpset	2016	23000	Working condition	ICAR
Axial flow thresher	2016	14100	Working condition	ICAR
Refractometer	2017	4500	Working condition	ICAR
Weighing machine	2017	7500	Working condition	ICAR

Drying cabinet	2018	19898	Working condition	ICAR
Digital refractometer	2018	14950	Working condition	ICAR
Crown cap sealing	2018	5900	Working condition	ICAR
Vaccum sealing	2018	1980	Working condition	ICAR
Food processor	2018	4950	Working condition	ICAR
Paddy straw cutter	2018	1000	Working condition	ICAR
Solar Cabinet Dryer	2018		Working condition	ICAR
Digital Refractometer	2018		Working condition	ICAR
Plastic medium feeder (30 No)	2019	2678	Working condition	ICAR
Plastic grower drinker (15 No)	2019	2410	Working condition	ICAR
Plastic big stand (15no)	2019	535	Working condition	ICAR
Display board with pedestal stand	2019	8400	Working condition	ICAR
Seed display with single cavity	2019	1160	Working condition	ICAR
Seed display with 2 round cavity	2019	1750	Working condition	ICAR
Seed display with 3 round cavity	2019	2000	Working condition	ICAR
Drip irrigation material	2019	19000	Working condition	ICAR
c. AV Aids				
Computer (Desktop 3no)	2010, 2012,	38500 49520	Working (one monitor is not	ICAR

	2016	36000	Working	
Laptop (2no)	2006 2018	42280 44900	Working (No Battery backup Working	ICAR
Laptop(1No)	2020	29780	Working condition	ICAR, ARYA
Desktop (1 No)	2020	59000	Working condition	ICAR, ARYA
LCD Projector (2no)	2006 2018	38858	Repairable Working	ICAR
Projector Screen (2No)	2006 2018	4990	Working condition	ICAR
Sound system 1no	2006	15420	Working condition	ICAR
Portable Sound system, 1 No	2020	15000	Working condition	ICAR, ARYA
Digital camera	2017	17900	Working condition	ICAR
Digital camera	2020	80000	Working condition	ICAR, ARYA
Printer cum xerox	2016	44751	Working condition	ICAR
Printer cum scanner (1no)	2020	20000	Working condition	ICAR, ARYA

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Phowrah	2017	440	Working	ICAR
Sickle	2017	220	Working	ICAR
Crowbar	2017	750	Working	ICAR
Gaintee	2017	300	Working	ICAR
Katuri	2017	375	Working	ICAR

Handhow	2017	160	Working	ICAR
Kodi	2017	350	Working	ICAR
Axe	2017	300	Working	ICAR
Garden rake	2017	330	Working	ICAR
Sickle	2017	220	Working	ICAR
Spade (3no)	2017	390	Working	ICAR
Phowrah	2015	200	Working	ICAR
Sabal	2015	640	Working	ICAR
Grafting knife	2017	190	Working	ICAR
Hedge cutter	2017	160	Working	ICAR
Secateurs	2018	310	Working	ICAR
Secateurs	2018	345	Working	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.	13/11/22	30	Testing of deep water paddy varieties	OFT conducted on deep water paddy varieties like CR-505,506,508 in Delanga & Satyabadi - 07 nos.(1ha)	
			Popularization of pond based IFS	• FLD on strengthening of pond based IFS • 03 TYPES OF IFS models (0.20ha, 0.40ha, 0.60ha) suitable for the district were developed at KVK instructional farm.	
			Development of Eco tourism models	KVK supported a progressive farmer Miss. Seema Mishra for development of Agro-Eco Tourism Model	
			Mechanical harvesting of coconut Value addition in coconut	• FLD on coconut climber for drudgery reduction. • FLD on production of coconut chips for higher income.	
			Pest & disease management in vegetables, betel vine & coconut	• OFT on management of melon fruit fly in Bitter gourd.	

				• FLD on integrated management of vine rot in Betel vine • FLD on integrated management of spiraling whitefly in coconut	
			Utilization of waterlogged areas at Brahmagiri, Krushnaprasad, Puri Sadar, Kanas, Satyabadi etc. in Kharif Season.	Developed an innovative model on Sequential paddy cum fish farming along with allied activities in NICRA adopted village Jatipura, Puri& year round Pisciculture in waterlogged impoundment at Dupur, Kanas	
			Popularization of Hydroponic fodder	FLD on hydroponic maize fodder for dairy cattle	
			Programme on mechanical line transplanting of paddy with focus on MAT type nursery	• Conducted Training on preparation of MAT type nursery to use in mechanical transplanter	
			Training & demonstration on bio floc culture system	FLD on mixed carp stunted fingerlings production in Bioflocculture.	
			Round the year availability of fish fingerlings at KVK campus	Now the fish fingerlings available round the year.	
			Popularize quail farming in the district	FLD on Quail farming for income generation	
			Demonstration of Kadaknath poultry with market linkage	• Conducted both on & off campus training programmes on Kadaknath poultry farming under ARYA & SCSP programme. • Liasoning is going on with some malls & non veg world of BBSR for marketing • One ARYA farmer is being selected for marketing of kadaknath. • One WhatsApp & Facebook group on market linkage is being explored.	
			Different women centric activities should be in focus	FLD & Training programmes conducted involving women farmers on marigold cultivation, quail farming, mushroom cultivation, seed treatment drum	

				for drudgery reduction, nutritional garden, apiary, backyard poultry, bio floc fish technique.	

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

PROCEEDINGS OF THE 18thSCIENTIFIC ADVISORY COMMITTEE

MEETING OF KVK, PURI

The 18th Scientific Advisory Committee meeting of KVK, Puri was held on dt.13.12.2022 at 10:00 am in KVK campus under the Chairmanship of Dr. P. J. Mishra, Dean

Extension Education, OUAT Bhubaneswar. Dr. H. K. Haldar, Principal Scientist 1CAR-ATARI, Kolkata and Dr. C.M. Khanda, ADR, RRTTS, Bhubaneswar were present in the

meeting through hybrid mode. Dr. Ambika Prrasad Nayak, Scientist (Fishery) requested Dr. S.P. Sangramsingh, Joint Director, DEE, OUAT to preside over the SAC meeting and start the proceeding. At the outset, Dr. S. K. Mohanty, Senior Scientist and Head, KVK, Puri briefly welcomed all the respected members as well as special invitees and requested the Chairman to start the meeting. After a brief remark about the activities of KVK, the chairman focused on Natural farming, climate resilient technology, IFS Model and Household food security. Then Chairman asked the Senior Scientist & Head to present the Action taken report as per the agenda. (Members present in the meeting are annexed herewith).
Agenda 1: Approval of the proceedings of last SAC meeting.
The Senior Scientist and Head, KVK, Puri presented the proceedings of 17th SAC programme in brief. The Chairman taking the consent of the members approved the proceedings.
Sl.no. Recommendations/ suggestion Action taken
1 Testing of deep-water paddy
varieties

OFT conducted on deep water paddy varieties like CR-505,506,508 in Delanga & Satyabadi - 07 nos. (1ha)

2 Popularization of Pond based IFS FLD on strengthening of pond-based IFS 03 TYPES OF IFS models (0.20ha, 0.40ha, 0.60ha) suitable for the district were developed at KVK instructional farm.

3 Development of Eco tourism models

KVK supported a progressive farmer Miss. Seema Mishra for development of Agro-Eco Tourism Model

4 Mechanical harvesting and value addition in coconut

• FLD on coconut climber for drudgery reduction.
• FLD on production of coconut chips for higher income.

5 Pest & disease management in vegetables, betel vine & coconut

• OFT on management of melon fruit fly in Bitter gourd.
• FLD on integrated management of vine rot in Betel vine
• FLD on integrated management of spiraling whitefly in coconut

6 Utilization of water-logged areas Developed an innovative model on Sequential paddy

	at Brahmagiri, Krushnaprasad, Puri Sadar, Kanas, Satyabadi etc. in Kharif Season.
	cum fish farming along with allied activities in NICRA adopted village Jatipura, Puri& year-round Pisciculture in waterlogged impoundment at Dupur, Kanas
7 Popularization of Hydroponic fodder	FLD on hydroponic maize fodder for dairy cattle
8 Programme on mechanical line transplanting of paddy with focus on MAT type nursery	Conducted Training on preparation of MAT type nursery to use in mechanical transplanter
9 Training & demonstration on bio floc culture system	FLD on mixed carp stunted fingerlings production in Bioflocculture.
10 Round the year availability of fish fingerlings at KVK campus	Now the fish fingerlings available round the year.
11 Popularize quail farming in the district	

FLD on Quail farming for income generation

12 Demonstration of Kadaknath poultry with market linkage

• Conducted both on & off campus training programmes on Kadaknath poultry farming under ARYA & SCSP programme.
• Liasoning is going on with some malls & non veg world of BBSR for marketing
• One ARYA farmer is being selected for marketing of kadaknath.
One WhatsApp & Facebook group on market linkage is being explored.

13 Different women centric activities should be in focus

FLD & Training programmes conducted involving women farmers on marigold cultivation, quail farming, mushroom cultivation, seed treatment drum for drudgery reduction, nutritional garden, apiary, backyard poultry, bio floc fish technique.

Agenda 3: Achievements made by the KVK.
The Senior Scientist and Head of KVK, Dr. Sanjay Kumar Mohanty presented the overall achievements made by the KVK during the year 2021-22 (Rabi) and ongoing activities of Kharif2022-23. Moreover, 11 OFTs, 16 FLDs and 73nos. of trainings were conducted during the year 2022-23.

• Both CR-505 & 506 varieties are well appreciated by farmers but CR 505 was more accepted with a yield of 51.8q/ha due to high grain weight.
• In Broadcasting Beushaning operation is done twice costing Rs.2000/-, whereas in case of line sowing this operation is done just formally with minimal cost.

• Average no of infected panicles in paddy could be reduced to 6.7 (70%) through Integrated management practices of Neck blast (seed treatment with carboxin 37.5% + Thiram37.5% @ 2.5gm/kg, two sprays of Trifloxystrobin25% + Tebuconazole 50%(Nativo75WG) @ 200gm/ha at 15 days interval starting 1st spray at disease(leaf blast) appearance.) in comparison to FP(23nos.).

• Maximum yield of 31.07 L/Ha was achieved feeding of Amur Carp spawns with growth promoters like Manganous sulphate and Cobaltous chloride each at a dose of 0.01mg per spawn per day after being thoroughly incorporated with powdered feed with a B:C ratio of 2.66.
• Homogenous moisture level and even bed temperature between layers leads to more pin heads and buttons in Circular Bed with increase in yield of 13.6% than rectangular bed.
• Shelf life of paddy straw mushroom (PSM) could be enhanced up to 3 days by using EPS cabinet with B: C ratio of 2.05 in comparison to marketing of PSM in polythene bags.
• Use of 50 micron mulch film and inline dripper at a spacing of 4' width reduced the weeding cost Rs.9600/-.
• Hydroponics maize fodder increased the milk yield 7.89% but cultivation for daily requirement needs high investment in dairy farming.
• Through demonstration on feed management for crab fattening, avg. yield of 8.15q/ha could be achieved in comparison to farmers practice (7.62q/ha) and reduced the formation of low-cost soft-shelled crabs during harvest to almost zero.
• Through preparation of coconut chips farmers could achieve an additional income of Rs.30/-

During the day, five numbers of publications in vernacular language were released by the dignitaries for the benefit of the common farmers of the district. The important publications were "Labhajanaka Chatu Chasa, Chatu chasa pain abasyaka heuthibanada amala pain Krushi Jantrapati,Machha amala parabarti jatna o satejata sarankyana, Prakrutika Krushi &the newsletter.

Agenda 4: Action plan Rabi 2022-23

OFT

1 Assessment of Tractor drawn multi-crop seed cum fertilizer for sowing of groundnut

2 Assessment of various crop establishment methods in rice by mechanical transplanter
3 Refinement of efficacy of different probiotics on growth performance of carps
4 Assessment of different Var. of Tulsi in backyard for income generation
5 Assessment of coconut value added products for income generation
6 Assessment of growth promoters for maximizing Amur carp fry yield in nursery ponds
FLD
1 Demonstration on Integrated Management of vine rot in betel vine
2 Demonstration of Drip irrigation with mulching in Pointed gourd for water conservation and weed control
3 Demonstration of Sprinkler Irrigation in Groundnut
4 Demonstration of mixed carp stunted fingerlings production in biofloc culture system
5 Demonstration of Genetically Improved (GI) Catlain composite carp culture
6 Demonstration on use of Ivermectin in controlling Argulosis in fish
7 Demonstration of Pond based IFS for doubling farmers' income
8 Demonstration on Hydroponic maize fodder for dairy cattle

Then the chairman invited suggestions from the SAC members on the prevalent problems in the district for incorporation in the Action plan. The suggestions of SAC members are as follows: -

Principal Scientist, ATARI, Kolkata

• Develop Eco tourism model in Puri district.
• OFT should not be conducted more than two years.
• Revolving fund status should be reflected in the presentation.
• He emphasized to give more focus on documentation of all projects.

D.P.D ATMA, Puri (Representative CDAO Puri)

• Most remunerative combinations of crop components should be included for development of suitable IFS in waterlogged areas.
• Screening of Suitable local BG/GG varieties/ germplasm is needed due to better performance than the improved one

Principal Scientist, CRRI, Bhubaneswar

• He advised to take trial on rice varieties in waterlogging condition and farmers should be supported by KVK for procurement of seeds.
• More trial is needed to manage spodoptera in Ground nut

Principal Scientist, CIFA, Bhubaneswar

• More focus should be given on Organic fish farming
• He appreciated the NICRA -TDC Model at Jatipura village and advised to replicate it in Brahmagiri & Kanasa in convergence with other line Depts.
• Develop demonstration unit to for Fish cum fresh water prawn Polyculture
Deputy Director of Horticulture, Puri
• Fruits like Dragon fruit, Strawberry, custard apple and Mango should be promoted with demonstration unit in KVK campus.
• Exposure visit of farmers to outside district can be arranged by Horticulture Dept. & ATMA for learning of new technology.
• Training and demonstration should be done on Pest & disease management in Betel vine.
• She stressed upon management practices of coconut plants for quality nuts of Sakhigopal Local variety for healthy sapling
• Develop Banana cafeteria in KVK campus
C.D.V.O, Puri
• Suitable fodder var. for low land areas should be encouraged
DDF & I/C District Fishery Officer, Puri
• Training cum demonstration programmes on Bio floc culture should be started in farmer's field. Farmers can avail the schemes related to freshwater pisciculture in MKUY as well as biofloc.
• More focus should be on management of Euglenophytic bloom (Red algae) in fish ponds.
ADSC, Puri
• Climate resilient technologies should be included in Pond based IFS
Senior Scientist & Head, KVK, Khurda

Annexure
List of participants with address and status in the meeting

1 Prof. (Dr.) P. Mishra. DEE, OUAT, BBSR Chairman
2 Dr. S. P. Sangramsingh Joint Director, DEE, OUAT, BBSR Member
3 Dr. A. Haldar Pr. Scientist, ICAR-ATARI, Kolkata Member
Prof. C.M.Khanda ADR, RRTTS, Coastal Zone, Bhubaneswar Member
4 Dr.S.N.Sethi Principal Scientist, CIFA, Bhubaneswar Member
5 Mr.Jyotishankar Mohapatra CDO cum EO Puri Member

6 Mr.Nabakishore Mahapatra D.P.D ATMA, Puri
Representative CDAO Puri

Member
7 Dr, Manjula Tripathy Deputy Director of Horticulture, Puri Member
8 Mr. KunwarMarandi DDF & I/C District Fishery Officer, Puri Member
9 Mr.Sekhar Das B.D.O,Puri Member
10 Mr. Damodar Panigrahi ADSC, Puri Member
11 Mr.Subas Chandra Behera A.D.O, Sakhigopal
12 Dr. Ajay Ku.Dash Senior Scientist & Head, KVK, Khurda Member
13 Dr.G.Naresh Kumar C.D.V.O, Puri Member
14 Dr.Jibanjyoti Sen Senior Scientist & Head, KVK, Jagatsinghpur Member
15 Mr. Santosh Kumar Mishra ICAR Nominated Farmer Member
16 Mr. Naresh Chandra Swain Progressive Farmer Member
17 Mr. RadhasyamBiswal Progressive Farmer Member
18 Mrs. RenubalaBehera Farm Women Member
19 Mrs. RajalaxmiMohanty Farm Women Member
20 Mr.Baidyanath Baral VJSS NGO Invited
Member
21 Dr. Sanjay Kumar Mohanty Senior Scientist and Head, KVK, Puri Member
Secretary
22 Dr. Ambika Prasad Nayak Scientist (Fishery Sc.) Member
23 Dr.SumitaAcharya Scientist (Home Science) Member
24 Er.(Dr.) DipsikaParamjita Scientist(Agril.Engg) Member
25 Mrs. NeevaMahapatra Farm Manager Member

2.a. District level data on agriculture, livestock and farming situation (2022)

Sl. no.	Item	Information
1	Major Farming system/enterprise	➢ Field crop-Pulses ➢ Field crop-oil seed ➢ Rice-Fallow ➢ Field Crop - vegetable

		➢ Field Crop+ vegetable+ dairy ➢ Orchard + mushroom ➢ Field Crop+ vegetable+ floriculture+ dairy+ pisciculture ➢ Field Crop+ poultry+ goatery+ mushroom+ pisciculture ➢ Field Crop+ orchard+ floriculture+dairy/poultry/goatery+ pisciculture ➢ Nursery raising ➢ Mushroom cultivation ➢ Pisciculture ➢ Poultry ➢ Bee keeping ➢ Coir Industry
2	Agro-climatic Zone	East and South Eastern Coastal Plain Zone
3	Agro ecological situation	1. Coastal Alluvial Command 2. Coastal Alluvial Non-command 3. Coastal Alluvial Saline 4. Rainfed Laterite 5. Rainfed Red and Laterite
4	Soil type	Red, laterite, brown forest, alluvial and saline
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Cereals: Rice-(Kharif) - 18.82 q/ha (Rabi) - 34.94q/ha Pulse- 2.50q/ha Oilseed- 18.78q/ha Vegetables-85.29q/ha Millets-5.5q/ha Spices-4.48q/ha
6	Mean yearly temperature, rainfall, humidity of the district	Temp(Max)- 30.60^0 C (May) Temp (Min)- 23.60^0 C(Dec), Rainfall- 1408 mm Humidity – Maximum- 80%, Minimum- 58%
7	Production of major livestock products like milk, egg, meat etc.	
		Production- 20583.5 MT

		Freshwater pond and tanks	3061.35 ha
		Brackish water pond and tanks	4693.53

Note: Please give recent data only

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

Name of the Block	Name of the Villages	Major Crops/ Enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
Satyabadi	Otrkera, Mathasahi, Biragobindapur, Jaypur, Atheisa, Basudeipur, Panchukera, Banapur, Sandrasasan, Gualigorada Bharatipur Balapur Sanabhimdaspur Bhutpada Jipur Kahnapur	1. Paddy 2. Pulse 3. Vegetable 4. Coconut 5. Banana 6. Watermelon 7. Dairy 8. Poultry 9. Goat 10. Fishery 11. Mushroom 12. Apiary 13. Vermicompost	1. Low yield, disease, pest, weeds, submergence/ flood tolerant 2. Low yield, disease pest, lack of INM, IDM, IPM, Biopesticide /agents, soil salinity ,indiscriminate use of chemicals 3. Low yield, lack of high yielding variety, unavailability of planting material, disease pest & weeds 4. Lack of INM and management 5. Low yield, Sigatoka, Panama wilt, fruit & shoot borer 6. Lack of fodder, proper nutrition, costly feed, disease, parasite 7. Local breed with low output, disease 8. Inbreeding, faulty buck /kid/ doe management, nutrition, disease & parasite 9. Pond management, unavailability of quality fish seed, high feed cost, low productivity 10. Low yield, spawn, straw unavailability, no round the year production, hygiene 11. Unutilised orchard inter space, lack of awareness on enterprise	• Paddy -HYV, aromatic rice, IDM,IPM,INM,IWM • Pulse - HYV, IDM, IPM, INM ,IWM, soil management, use of bioagents, chemicals • Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management • Coconut- INM, Pest management • Banana- HYV tissue culture , IDM, IPM, INM, IWM • Integrated fish farming and fish health management • Feeding and Health management of dairy animals and small ruminants • Profitable dairy and goat farming • Commercial and backyard poultry farming • Commercial floriculture and organic farming • Farm mechanization for timely operation and save high Labour cost • Value addition to fruits, vegetables, milk and low cost marine fish and prawn • Profitable poultry and duckery • Fish seed production in small

				ponds • Fish production in low saline coastal zone • Aquatic weed infested pond • Inland Water Bodies for multiple production • Resources for multiple cropping • Coconut orchard for intercrop • Promotion of coir industry • Promotion of agroecotourism • Promotion of brackish water prawn export • Organic farming
Pipili	Adangapada, Dandamukundapur, Matiapada, Dumukipur, Saraswatipur, Kumareswar Kunjara Bharatipur Abalapur	1. Paddy 2. Pulse 3. Vegetable 4. Coconut 5. Banana 6. Dairy 7. Poultry 8. Goat 9. Inland fishery 10. Mushroom 11. Apiary 12. Vermicompost	1. Low yield, disease, pest, weeds,submergence/ flood tolerant 2. Low yield, disease pest, lack of INM,IDM,IPM, Biopesticide/agents, soil salinity ,indiscriminate use of chemicals 3. Low yield, lack of high yielding variety, unavailability of planting material, disease pest & weeds 4. Lack of INM and management 5. Low yield, Sigatoka, Panama wilt, fruit & shoot borer 6. Lack of fodder, proper nutrition, costly feed, disease, parasite 7. Local breed with low output, disease 8. Inbreeding, faulty buck /kid/ doe management, nutrition, disease & parasite 9. Pond management, unavailability of quality fish seed, high feed cost, low productivity 10. Low yield, spawn, straw unavailability, no round the year	• Paddy -HYV, aromatic rice, IDM,IPM,INM,IWM • Pulse - HYV, IDM, IPM, INM ,IWM, soil management, use of bioagents, chemicals • Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management • Coconut- INM, Pest management • Banana- HYV tissue culture , IDM, IPM, INM, IWM • Integrated fish farming and fish health management • Feeding and Health management of dairy animals and small ruminants • Profitable dairy and goat farming • Commercial and backyard poultry farming • Commercial floriculture and organic farming • Farm mechanization for timely operation and save high Labour cost

			production, hygiene 11. Unutilised orchard inter space, lack of awareness on enterprise	• Value addition to fruits, vegetables, milk and low cost marine fish and prawn • Profitable poultry and duckery • Fish seed production in small ponds • Fish production in low saline coastal zone • Aquatic weed infested pond • Inland Water Bodies for multiple production • Resources for multiple cropping • Coconut orchard for intercrop • Promotion of coir industry • Promotion of agroeco tourism • Promotion of brackish water prawn export • Organic farming
Nimapada	Gopalpur, Nahatara, Gadatorihan, Dalabhanapur, Haripur, Nuasahi, Sahadapada, Naruda, Jagannathpur, Resinga	1. Paddy 2. Pulse 3. Vegetable 4. Coconut 5. Banana 6. Dairy 7. Poultry 8. Goat 9. Inland fishery 10. Mushroom 11. Apiary	1. Low yield, disease, pest, weeds,submergence/ flood tolerant 2. Low yield, disease pest, lack of INM,IDM,IPM, Biopesticide/agents, soil salinity ,indiscriminate use of chemicals 3. Low yield, lack of high yielding variety, unavailability of planting material, disease pest & weeds 4. Lack of INM and management 5. Low yield, Sigatoka, Panama wilt, fruit & shoot borer 6. Lack of fodder, proper nutrition, costly feed, disease, parasite 7. Local breed with low output, disease 8. Inbreeding, faulty buck /kid/ doe management, nutrition, disease &parasite	• Paddy -HYV, aromatic rice, IDM,IPM,INM,IWM • Pulse - HYV, IDM, IPM, INM ,IWM, soil management, use of bioagents, chemicals • Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management • Coconut- INM, Pest management • Banana- HYV tissue culture , IDM, IPM, INM, IWM • Integrated fish farming and fish health management • Feeding and Health management of dairy animals and small ruminants • Profitable dairy and goat farming • Commercial and backyard poultry farming

			9. Pond management, unavailability of quality fish seed, high feed cost, low productivity 10. Low yield, spawn, straw unavailability, no round the year production, hygiene 11. Unutilised orchard inter space, lack of awareness on enterprise	• Commercial floriculture and organic farming • Farm mechanization for timely operation and save high Labour cost • Value addition to fruits, vegetables, milk and low cost marine fish and prawn • Profitable poultry and duckery • Fish seed production in small ponds • Fish production in low saline coastal zone • Aquatic weed infested pond • Inland Water Bodies for multiple production • Resources for multiple cropping • Coconut orchard for intercrop • Promotion of coir industry • Promotion of agroecotourism • Promotion of brackish water prawn export • Organic farming
Delanga	Machapada, khairamangalpur, Singhberhampur, Gobindpur	1. Paddy 2. Pulse 3. Vegetable 4. Coconut 5. Banana 6. Dairy 7. Poultry 8. Goat 9. Inland fishery 10. Mushroom 11. Apiary	1. Low yield, disease, pest, weeds,submergence/ flood tolerant 2. Low yield, disease pest, lack of INM,IDM,IPM, Biopesticide/agents, soil salinity ,indiscriminate use of chemicals 3. Low yield, lack of high yielding variety, unavailability of planting material, disease pest & weeds 4. Lack of INM and management 5. Low yield, Sigatoka, Panama wilt, fruit & shoot borer 6. Lack of fodder, proper nutrition, costly feed, disease, parasite	• Paddy -HYV, aromatic rice, IDM,IPM,INM,IWM • Pulse - HYV, IDM, IPM, INM ,IWM, soil management, use of bioagents, chemicals • Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management • Coconut- INM, Pest management • Banana- HYV tissue culture , IDM, IPM, INM, IWM • Integrated fish farming and fish health management • Feeding and Health management

			7. Local breed with low output, disease 8. Inbreeding, faulty buck /kid/ doe management, nutrition, disease &parasite 9. Pond management, unavailability of quality fish seed, high feed cost, low productivity 10. Low yield, spawn, straw unavailability, no round the year production, hygiene 11. Unutilised orchard inter space, lack of awareness on enterprise	of dairy animals and small ruminants • Profitable dairy and goat farming • Commercial and backyard poultry farming • Commercial floriculture and organic farming • Farm mechanization for timely operation and save high Labour cost • Value addition to fruits, vegetables, milk and low cost marine fish and prawn • Profitable poultry and duckery • Fish seed production in small ponds • Fish production in low saline coastal zone • Aquatic weed infested pond • Inland Water Bodies for multiple production • Resources for multiple cropping • Coconut orchard for intercrop • Promotion of coir industry • Promotion of agroeco tourism • Promotion of brackish water prawn export • Organic farming
Kanas	Lokpal	Pulse	1. Low yield, disease pest, lack of INM,IDM,IPM, Biopesticide/agents, soil salinity ,indiscriminate use of chemicals	• Pulse - HYV, IDM, IPM, INM ,IWM, soil management, use of bioagents, chemicals
Kaktpur	Othaka, Mahadevbast, chandikuda, dahikhia,	1. Paddy 2. Pulse 3. Vegetable	12. Low yield, disease, pest, weeds,submergence/ flood tolerant 13. Low yield, disease pest, lack of INM,IDM,IPM,	• Paddy -HYV, aromatic rice, IDM,IPM,INM,IWM • Pulse - HYV, IDM, IPM, INM ,IWM, soil management, use of

		4. Coconut 5. Banana 6. Dairy 7. Poultry 8. Goat 9. Inland fishery 10. Mushroom 11. Apiary	Biopesticide/agents, soil salinity ,indiscriminate use of chemicals 14. Low yield, lack of high yielding variety, unavailability of planting material, disease pest & weeds 15. Lack of INM and management 16. Low yield, Sigatoka, Panama wilt, fruit & shoot borer 17. Lack of fodder, proper nutrition, costly feed, disease, parasite 18. Local breed with low output, disease 19. Inbreeding, faulty buck /kid/ doe management, nutrition, disease & parasite 20. Pond management, unavailability of quality fish seed, high feed cost, low productivity 21. Low yield, spawn, straw unavailability, no round the year production, hygiene 22. Unutilised orchard inter space, lack of awareness on enterprise	bioagents, chemicals • Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management • Coconut- INM, Pest management • Banana- HYV tissue culture , IDM, IPM, INM, IWM • Integrated fish farming and fish health management • Feeding and Health management of dairy animals and small ruminants • Profitable dairy and goat farming • Commercial and backyard poultry farming • Commercial floriculture and organic farming • Farm mechanization for timely operation and save high Labour cost • Value addition to fruits, vegetables, milk and low cost marine fish and prawn • Profitable poultry and duckery • Fish seed production in small ponds • Fish production in low saline coastal zone • Aquatic weed infested pond • Inland Water Bodies for multiple production • Resources for multiple cropping • Coconut orchard for intercrop • Promotion of coir industry • Promotion of agroeco tourism • Promotion of brackish water prawn export

				• Organic farming
Gop	Oruali, Subarnapur, sarada, Bangur, Sama, Bhadisha, Chadeigaon,Galabari, Dhumal	1. Paddy 2. Pulse 3. Vegetable 4. Coconut 5. Watermelon 6. Banana 7. Dairy 8. Poultry 9. Goat 10. Inland fishery 11. Mushroom 12. Apiary	23. Low yield, disease, pest, weeds,submergence/ flood tolerant 24. Low yield, disease pest, lack of INM,IDM,IPM, Biopesticide/agents, soil salinity ,indiscriminate use of chemicals 25. Low yield, lack of high yielding variety, unavailability of planting material, disease pest & weeds 26. Lack of INM and management 27. Low yield, Sigatoka, Panama wilt, fruit & shoot borer 28. Lack of fodder, proper nutrition, costly feed, disease, parasite 29. Local breed with low output, disease 30. Inbreeding, faulty buck /kid/ doe management, nutrition, disease & parasite 31. Pond management, unavailability of quality fish seed, high feed cost, low productivity 32. Low yield, spawn, straw unavailability, no round the year production, hygiene 33. Unutilised orchard inter space, lack of awareness on enterprise	• Paddy -HYV, aromatic rice, IDM,IPM,INM,IWM • Pulse - HYV, IDM, IPM, INM ,IWM, soil management, use of bioagents, chemicals • Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management • Coconut- INM, Pest management • Banana- HYV tissue culture , IDM, IPM, INM, IWM • Integrated fish farming and fish health management • Feeding and Health management of dairy animals and small ruminants • Profitable dairy and goat farming • Commercial and backyard poultry farming • Commercial floriculture and organic farming • Farm mechanization for timely operation and save high Labour cost • Value addition to fruits, vegetables, milk and low cost marine fish and prawn • Profitable poultry and duckery • Fish seed production in small ponds • Fish production in low saline coastal zone • Aquatic weed infested pond • Inland Water Bodies for multiple production • Resources for multiple cropping

				• Coconut orchard for intercrop • Promotion of coir industry • Promotion of agroeco tourism • Promotion of brackish water prawn export • Organic farming
Sadar	Naiguan, Arala, Tulasichaura, Alasankha Kapileswarpur Rendua,Talajanga,Patajoshipur, Sukala	1. Paddy 2. Pulse 3. Vegetable 4. Coconut 5. Banana 6. Dairy 7. Poultry 8. Goat 9. Inland fishery 10. Mushroom 11. Apiary 12. Fish Production	1. Low yield, disease, pest, weeds,submergence/ flood tolerant 2. Low yield, disease pest, lack of INM,IDM,IPM, Biopesticide/agents, soil salinity ,indiscriminate use of chemicals 3. Low yield, lack of high yielding variety, unavailability of planting material, disease pest & weeds 4. Lack of INM and management 5. Low yield, Sigatoka, Panama wilt, fruit & shoot borer 6. Lack of fodder, proper nutrition, costly feed, disease, parasite 7. Local breed with low output, disease 8. Inbreeding, faulty buck /kid/ doe management, nutrition, disease & parasite 9. Pond management, unavailability of quality fish seed, high feed cost, low productivity 10. Low yield, spawn, straw unavailability, no round the year production, hygiene 11. Unutilised orchard inter space, lack of awareness on enterprise	• Paddy -HYV, aromatic rice, IDM,IPM,INM,IWM • Pulse - HYV, IDM, IPM, INM ,IWM, soil management, use of bioagents, chemicals • Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management • Coconut- INM, Pest management • Banana- HYV tissue culture , IDM, IPM, INM, IWM • Integrated fish farming and fish health management • Feeding and Health management of dairy animals and small ruminants • Profitable dairy and goat farming • Commercial and backyard poultry farming • Commercial floriculture and organic farming • Farm mechanization for timely operation and save high Labour cost • Value addition to fruits, vegetables, milk and low cost marine fish and prawn • Profitable poultry and duckery • Fish seed production in small ponds • Fish production in low saline

				coastal zone • Aquatic weed infested pond • Inland Water Bodies for multiple production • Resources for multiple cropping • Coconut orchard for intercrop • Promotion of coir industry • Promotion of agroeco tourism • Promotion of brackish water prawn export • Organic farming
Krushnaprasad	Panaspada, anandapur, jadupur, Haripur,Gabaakunda	1. Paddy 2. Pulse 3. Vegetable 4. Coconut 5. Banana 6. Dairy 7. Poultry 8. Goat 9. Inland fishery 10. Mushroom 11. Apiary	1. Salinity of soil & water, Low yield, disease, pest, weeds,submergence/ flood tolerant 2. Low yield, disease pest, lack of INM,IDM,IPM, Biopesticide/agents, soil salinity ,indiscriminate use of chemicals 3. Low yield, lack of high yielding variety, unavailability of planting material, disease pest & weeds 4. Lack of INM and management 5. Low yield, Sigatoka, Panama wilt, fruit & shoot borer 6. Lack of fodder, proper nutrition, costly feed, disease, parasite 7. Local breed with low output, disease 8. Inbreeding, faulty buck /kid/ doe management, nutrition, disease & parasite 9. Pond management, unavailability of quality fish	• Paddy –Saline tolerant , IDM,IPM,INM,IWM • Pulse - HYV, IDM, IPM, INM ,IWM, soil management, use of bioagents, chemicals • Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management • Coconut- INM, Pest management • Banana- HYV tissue culture , IDM, IPM, INM, IWM • Integrated fish farming and fish health management • Feeding and Health management of dairy animals and small ruminants • Profitable dairy and goat farming • Commercial and backyard poultry farming • Commercial floriculture and organic farming • Farm mechanization for timely operation and save high Labour cost • Value addition to fruits, vegetables, milk and low cost

			seed, high feed cost, low productivity 10. Low yield, spawn, straw unavailability, no round the year production, hygiene 11. Unutilised orchard inter space, lack of awareness on enterprise	marine fish and prawn • Profitable poultry and duckery • Fish seed production in small ponds • Fish production in low saline coastal zone • Aquatic weed infested pond • Inland Water Bodies for multiple production • Resources for multiple cropping • Coconut orchard for intercrop • Promotion of coir industry • Promotion of agroeco tourism • Promotion of brackish water prawn export • Organic farming
Brahmagiri	Badadiandi Gadarodanga	1.Fish production	12.	• Fish seed production in small ponds • Fish production in low saline coastal zone • Aquatic weed infested pond • Promotion of brackish water prawn export

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2021-22) for its development and action plan

Name of village	Block	Action taken for development

2.1 Priority thrust areas

S. No	Thrust area
1.	Varietal substitution of vegetable crops for better yield
2.	Promoting INM,IPM,IWM in cereals, pulses ,oilseeds and vegetables

3.	To emphasize on management of problematic soil
4.	To advocate intensive and integrated pisciculture practices, fish seed production, ornamental fish culture
5.	To emphasize on minor carps and catfish farming
6.	To popularize IDM in betelvine
7.	To promote farm mechanisation and agro processing
8.	To promote Pond based IFS
9.	To advocate profitable dairy and goatary
10.	To propagate mushroom cultivation, bee keeping and floriculture
11.	To emphasize on entrepreneurship development
12.	To focus on value addition of fruits, vegetables and low cost marine fish
	To address household food security

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

Training												Extension activities										
Number of Courses		Number of Participants										Number of activities		Number of participants								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T

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

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

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

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper							
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter							
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature							
Technical reports							
Electronic Publication (CD/DVD etc)							
TOTAL							

1 Achievements on technologies assessed and refined

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	**Assessment of deep water rice varieties in Kharif**
2.	Problem diagnosed	Lower yield due to less tolerant of prevailing varieties to water logging
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Sarala Technology option-I (TO-I): CR505- deep water late duration (162days) variety, released and notified (2014) for cultivation in low land area of Odisha. Yield – 4.5t/ha Technology option-II (TO-II): CR 507- deep water late duration (160days) semi dwarf (140-55 cm) variety, medium slender, deep water var. released and notified (2016) for cultivation in low land area of Odisha. It can tolerate complete submergence for two weeks, yield: 4.75t/ha Technology option-III (TO-III): CR 508- deep water late duration (165days), medium slender, deep water var. released and notified (2017) for cultivation in low land area of Odisha. yield: 4.4t/ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	**NRRI, Cuttack**
5.	Production system and thematic area	Paddy – Pulse & Varietal evaluation
6.	Performance of the Technology with performance indicators	Water submergence period, Effective panicles/m2, No of Filled grains / Panicle, 1000 grain weight
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: Varietal evaluation

Problem definition: Lower yield due to less tolerant of prevailing varieties to water logging

Technology assessed: Technology option-I (TO-I): CR505- deep water late duration (162days) variety, released and notified (2014) for cultivation in low land area of Odisha. Yield – 4.5t/ha

Technology option-II (TO-II): CR 507- deep water late duration (160days) semi dwarf (140-55 cm) variety, medium slender, deep water var. released and notified (2016) for cultivation in low land area of Odisha. It can tolerate complete submergence for two weeks, yield: 4.75t/ha

Technology option-III (TO-III): CR 508- deep water late duration (165days), medium slender, deep water var. released and notified (2017) for cultivation in low land area of Odisha. yield: 4.4t/ha

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		% Change in yield	EBT	Test wt. (100 grain wt.)						
FP			5.3			22.5	30500	38250	7750	1.25
TO_1		130.2	12.3			51.8	44700	88060	43360	1.97
TO_2		119	11.2			49.3	44700	83810	39110	1.87
TO_3		86.7	10.2			42	44700	71400	26700	1.59

Results:





OFT-2

1.	Title of On farm Trial	**Assessment of panama wilt in Banana**
2.	Problem diagnosed	**Low yield due to high infestation of Panama wilt in Banana**
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Spraying of Carbendazim and Dimethoate Technology option-I (TO-I): Planting of disease free suckers, +apply lime @ 40gm/pit + 250gm neem cake/pit + 500gm vermi compost + soil drenching of 0.2 % carbendazim 50 WP soluation at 2^{nd}, 4^{th} and 6^{th} months after planting + stem injection of carbendazim 50 WP@ 2-3ml/plant (20gm/lit solution) at 3^{rd}, 5^{th} and 7^{th} month after planting Technology option-II (TO-II): Planting of disease free suckers, +apply lime @ 40gm/pit + 250gm neem cake/pit + 500gm vermi compost + soil drenching of 0.1 %(Trifloxystrobin 25 WP + Tebuconazole 50 WP) soluation at 2^{nd}, 4^{th} and 6^{th} months after planting + stem injection of (Trifloxystrobin 25 WP + Tebuconazole 50 WP) 2-3ml/plant (1gm/lit solution) at 3^{rd}, 5^{th} and 7^{th} month after planting
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on fruit,OUAT,2019, NRCB,Tamilnadu, 2018
5.	Production system and thematic area	Banana & IDM
6.	Performance of the Technology with performance indicators	Cost of intervention. Additional income over additional investment Yield (q/ha), B:C ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: IDM

Problem definition: **Low yield due to high infestation of Panama wilt in Banana**

Technology assessed: Technology option-I (TO-I): Planting of disease free suckers, +apply lime @ 40gm/pit + 250gm neem cake/pit + 500gm vermi compost + soil drenching of 0.2 % carbendazim 50 WP soluation at 2nd, 4th and 6th months after planting + stem injection of carbendazim 50 WP@ 2-3ml/plant (20gm/lit solution) at 3rd, 5th and 7th month after planting

Technology option-II (TO-II): Planting of disease free suckers, +apply lime @ 40gm/pit + 250gm neem cake/pit + 500gm vermi compost + soil drenching of 0.1 %(Trifloxystrobin 25 WP + Tebuconazole 50 WP) soluation at 2nd, 4th and 6th months after planting + stem injection of (Trifloxystrobin 25 WP + Tebuconazole 50 WP) 2-3ml/plant (1gm/lit solution) at 3rd, 5th and 7th month after planting

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	**Yield (q/ha)**	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		% change in Yield	**% wilted leaves**	**No of Splits (stem)**						
FP		**-**	24.8	16.8		254			215348	2.30
T O_1		20.47	6.4	2.6		306			274660	2.49
T O_2		22.83	5.6	2.3		312			286605	2.58

Results:


OFT-3

1.	Title of On farm Trial	**Assessment of management of Rhinoceros beetle in Coconut**
2.	Problem diagnosed	Low yield due to high infestation of beetles
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Application of Gammexane Technology option-I (TO-I): Dusting of Carbofuran 3G @1Kg a.i/ha in manure pits, use of iron hooks, twice application of Phorate 10G @5gms mixed with sand (1:2)in three inner most leaves of the plant at 6 months interval, Installation of pheromone trap with rhino lure @ 12/ha Technology option-II (TO-II): Spraying of 250ml of Metarrhizium culture+ 750ml of water in manure pit. use of iron hooks. Soak castor cake 1kg/5lit of water in small mud pots to attract and kill the adults. Application of Neem seed powder + sand(1:2) @ 150gm at the base of the 3 inner most leaves of the plant.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	RRTTS coastal zone, OUAT, Bhubaneswar, 2022
5.	Production system and thematic area	Vegetable – vegetable & IPM
6.	Performance of the Technology with performance indicators	No. of beetles caught per trap , % of infestatation ,, Cost of intervention. Additional income over additional investment Yield (q/ha), B:C ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition: Low yield due to high infestation of beetles

Technology assessed:

TO_1 -Dusting of Carbofuran 3G @1Kg a.i/ha in manure pits, use of iron hooks, twice application of Phorate 10G @5gms mixed with sand (1:2)in three inner most leaves of the plant at 6 months interval, Installation of pheromone trap with rhino lure @ 12/ha

TO_2 - Spraying of 250ml of Metarrhizium culture+ 750ml of water in manure pit. use of iron hooks. Soak castor cake 1kg/5lit of water in small mud pots to attract and kill the adults. Application of Neem seed powder + sand(1:2) @ 150gm at the base of the 3 inner most leaves of the plant

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	**Yield (nuts/ ha)**	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		% change in Yield	**No. of beetles caught per trap**	**% of infestation**						
FP		**-**	-	34.2		8400	44250	100800	56550	2.27
T O_1		43.28	5.4	17.6		12036	53100	144432	91332	2.72
T O_2		30.13	-	18.2		10931	49560	131172	81612	2.64

Results:

OFT-4

1.	Title of On farm Trial	**Assessment of various crop establishment methods in rice by mechanical transplanter**
2.	Problem diagnosed	High energy and labour requirement in puddling operation prior to mechanized transplanting in 10% areas and also low yield due to delay in land preparation & transplanting

3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): **Mechanized transplanting under puddled condition.** Technology option-I (TO-I): **Mechanized transplanting under unpuddled condition** Dry shallow tillage followed by secondary tillage with rotavator, Allow to settle for 12-24 hours after a light irrigation, Again application of very light water up to 1 cm, Transplanting by 8-row Self propelled Rice Transplanter. Technology option-II (TO-II): **Mechanized transplanting under no tilled condition** Germinated weeds, if any, were knocked down by nonselective herbicide (glyphosate @ 1kg a.i./ha) at 7 - 10 days before transplanting. Irrigation was applied 12 hours before transplanting
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO – I - Released by AICRP on FIM, CAET, OUAT,2015 as transferrable technology TO –II – Validated by AICRP on FIM, CAET, OUAT, 2016
5.	Production system and thematic area	Paddy – Greengram & Resouce conservation technology
6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: Resouce conservation technology

Problem definition: High energy and labour requirement in puddling operation prior to mechanized transplanting in 10% areas and also low yield due to delay in land preparation & transplanting

Technology assessed: Technology option-I (TO-I): **Mechanized transplanting under unpuddled condition**

Dry shallow tillage followed by secondary tillage with rotavator, Allow to settle for 12-24 hours after a light irrigation, Again application of very light water up to 1 cm, Transplanting by 8-row Self propelled Rice Transplanter.

Technology option-II (TO-II): **Mechanized transplanting under no tilled condition**

Germinated weeds, if any, were knocked down by nonselective herbicide (glyphosate @ 1kg a.i./ha) at 7 - 10 days before transplanting. Irrigation was applied 12 hours before transplanting

Table:

Technology option	No. of trials	Yield component			No of missing plant / meter length	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Field capacity (ha/h)	-	Cost of operation (Rs/ha)						
FP										1.95
$T O_1$										2.09
$T O_2$										2.45

Results:

OFT-5

1.	Title of On farm Trial	Assessment of Tractor drawn multicrop seed cum fertilizer for sowing of groundnut
2.	Problem diagnosed	Low yield due to improper plant population, more time involved in sowing behind the bullock drawn plough, Low net return (upto 15%) in traditional method of sowing of groundnut due to high cost of cultivation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Manual sowing of Groundnut behind the bullock drawn plough Technology option-I (TO-I): Powertiller drawn 5-row Seed cum fertilizer drill Technology option-II (TO-II): Tractor drawn 9-row Seed cum fertilizer drill
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO – I - Validated by AICRP on FIM, CAET, OUAT, 2016 TO –II - Validated by AICRP on FIM,CAET,OUAT, 2016
5.	Production system and thematic area	Paddy – Groundnut and Fallow – Groundnut & Farm Mechanization
6.	Performance of the Technology with performance indicators	Field capacity(ha/hr), Labour requirement – (MDs/ha) , Cost of operation (Rs/ha), Plant population/sq.m
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	

9.	Process of farmers participation and their reaction	

Thematic area: Farm Mechanization

Problem definition: Low yield due to improper plant population, more time involved in sowing behind the bullock drawn plough, Low net return (upto 15%) in traditional method of sowing of groundnut due to high cost of cultivation

Technology assessed:

Technology option-I (TO-I): Powertiller drawn 5-row Seed cum fertilizer drill

Technology option-II (TO-II): Tractor drawn 9-row Seed cum fertilizer drill

Table:

Technology option	No. of trials	Yield component			No of missing plant / meter length	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Field capacity (ha/h)	-	Cost of operation (Rs/ha)						
FP		0.03	-	9000/-		17.4			34000	1.95
T O_1		0.04	(1-2)	5824/-		17.0			35576	2.09
T O_2		0.4	No of missing plant / meter length	5000/-	(1-2)	19.4			46000	2.45

Results:

Results:

OFT-6

1.	Title of On farm Trias	Assessment of growth promoters for maximizing Amur carp / common carp fry yield in nursery tanks during winter
2.	Problem diagnosed	Less growth rate and poor survival & yield of fries
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Only powdered feed (Rice bran: GNOC ::1:1) Technology option-I (TO-I): Use of Manganous sulphate and Cobaltous chloride each at a dose of 0.01mg per spawn per day (Incorporated with powdered feed) Technology option-II (TO-II): Use of commercially available yeast powder (*Saccharomyces cerevisiae*) at a dose of 0.5% of total powdered feed to be served daily
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO-1- ICAR-CIFA – 2013 and TO-2 – TNAU-2019
5.	Production system and thematic area	Pond based farming system AND Production and management
6.	Performance of the Technology with performance indicators	Average growth rate, Survival rate, Yield, B:C ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: Production and management

Problem definition: Less growth rate and poor survival & yield of fries

Technology assessed: Technology option-I (TO-I): Use of Manganous sulphate and Cobaltous chloride each at a dose of 0.01mg per spawn per day (Incorporated with powdered feed)

Technology option-II (TO-II): Use of commercially available yeast powder (*Saccharomyces cerevisiae*) at a dose of 0.5% of total powdered feed to be served daily

Table:

Technology option	No. of trials	Yield component			**% change in Yield**	Yield (Lakhs/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Survival Rate (%)	**% change in survival**	**DOC to attend avg. fry size (25mm**						
FP		33.00	-	18	**24.80**	24.80	2,10,800/-	4,96,000/-	2,85,200/-	2.35

T O_1		41.42	25.5	13	**31.07**	31.07	2,33,000/-	6,21,400/-	3,88,400/-	2.66
TO_2		35.66	8.06	16	**26.75**	26.75	2,14,000/-	5,35,000/-	3,21,000/-	2.50

Results:

OFT-7

1.	Title of On farm Trial	**Refinement of efficacy of different probiotics on growth performance of carps**
2.	Problem diagnosed	**Low fish yield and more susceptible to diseases due to non use of probiotics**
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Feeding with artificial supplementary feed (GNOC and rice bran at 1:1) and no use of probiotics Technology option-I (TO-I): Application of Soil probiotic (Rid all) @ 1 kg/Ac-m water area Technology option-II (TO-II): Application of Water Probiotic (Water spell) @ 5 Litre/ Ac-m water area Technology option-II (TO-III): **T O_1+T O_2** (Combination of both Soil & Water probiotic**)**
4.	Source of Technology (ICAR/ AICRP/SAU/other, please	College of Fisheries, OUAT

	specify)	
5.	Production system and thematic area	Pond based and Disease management
6.	Performance of the Technology with performance indicators	Growth rate, % of disease incidence, survival rate, pH, alkalinity
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition: Low fish yield and more susceptible to diseases due to non use of probiotics

Technology assessed: Technology option-I (TO-I): Application of Soil probiotic (Rid all) @ 1 kg/Ac-m water area

Technology option-II (TO-II): Application of Water Probiotic (Water spell) @ 5 Litre/ Ac-m water area

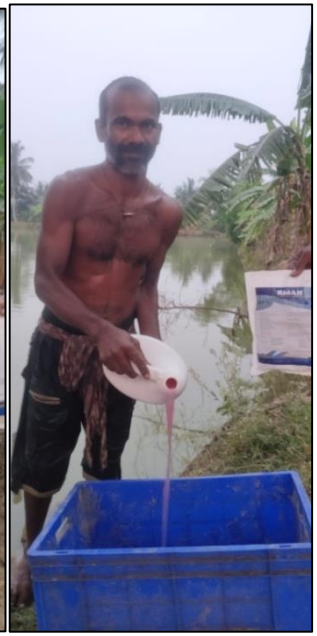
Technology option-II (TO-III): **T O_1+T O_2** (Combination of both Soil & Water probiotic**)**

Table:

Table:

Technology option	No. of trials	Yield component			**% change in Yield**	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Avg. plankton density / 50 l pond water	**Survival Rate (%)**	**ABW of fishes harvested (g)**						
FP		**1.8**	**59.0**	**659**	**-**	**29.16**	**1,80,500/-**	**3,40,700**	**1,60,200**	**1.88**
T O_1		**2.2**	**61.2**	**715**	**12.55**	**32.82**	**2,07,300/-**	**3,92,200**	**1,84,900**	**1.89**
TO_2		**2.3**	**63.0**	**751**	**21.70**	**35.50**	**2,24,000/-**	**4,26,000**	**2,02,000**	**1.90**
TO_3		**2.5**	**65.2**	**778**	**30.45**	**38.04**	**2,36,000/-**	**4,54,000**	**2,18,000**	**1.92**


Water Spell-DS




Water Spell-DS

Results:

OFT-8

1.	Title of On farm Trial	Assessment of the improved techniques for cultivation of Paddy straw mushroom (*Volvariella volvacea)* using crumpled straw
2.	Problem diagnosed	Less income due to less yield
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Rectangular compact method Size-45x60x30 Mushroom production by using crumpled paddy straw -5kg with normal practice (soaking in water 5hrs with 2% calcium carbonate), unknown age of spawn, 3% of dry substrate weight), pulse powder 3% dry substrate weight, BE-8-10% Technology option-I (TO-I): Square compact bed size (30 × 30 cm) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and coarsely ground horse gram powder (at 2% dry substrate weight) Technology option-II (TO-II): Circular compact bed size -(45 cm diameter, 30 cm

		height) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and coarsely ground horse gram powder (at 2% dry substrate weight)
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Department of Plant Pathology, Tamil Nadu Agricultural University, Coimbatore,2012
5.	Production system and thematic area	Mushroom Production
6.	Performance of the Technology with performance indicators	Average buttons/bed (number), Average weight/button (g), B.E. (%), Yield/bed (g)
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: Mushroom Production

Problem definition: Less income due to less yield

Technology assessed: Technology option-I (TO-I): Square compact bed size (30 × 30 cm) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and coarsely ground horse gram powder (at 2% dry substrate weight)

Technology option-II (TO-II): Circular compact bed size -(45 cm diameter, 30 cm height) Mushroom production by using crumpled paddy straw 5kg, soaking of straw in water for 5hrs in 2% CaCo3, 14-20 days age spawn at 2% of dry substrate weight and coarsely ground horse gram powder (at 2% dry substrate weight)

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/bed)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	Biological efficiency (%)	Test wt. (100 grain wt.)						
FP			12.08			0.60	65/-	150/-	85/-	
TO1			10.05			0.50	65/-	125/-	60/-	
TO2			13.60			0.68	65/-	170/-	105/-	


Results:

OFT-9

1.	Title of On farm Trial	**Assessment of different Var. of Tulsi in backyard for income generation**
2.	Problem diagnosed	Less income Opp.-Marketing in Jagaarnath temple & other temples of Pur district
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Cultivation of Local Var. Tulsi **Technology option-I (TO-I):** Cultivation of Tulsi Var. CIM Ayu **Technology option-II(TO-II):** Cultivation of Tulsi Var.CIM –Angna
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CIMAP, LUCKNOW-2003
5.	Production system and thematic area	Income generation
6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	

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

Thematic area:

Problem definition: Less income Opp.-Marketing in Jagaarnath temple & other temples of Puri district

Technology assessed: **Technology option-I (TO-I):** Cultivation of Tulsi Var. CIM Ayu

Technology option-II(TO-II): Cultivation of Tulsi Var.CIM –Angna

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (kg herbage /year)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	**% change in Yield**						
FP						2700	22000	40500	18500	1.84
$T O_1$				**55**		**4200**	28,500	63000	34500	2.21
TO_2				48.14		4000	28,500	60000	31500	2.10

Results:

OFT-10

1.	Title of On farm Trial	**Assessment of effectiveness of different extension methods to access information on rice production**
2.	Problem diagnosed	Poor accessibility to accurate and timely information on technica knowledge/advisory in rice production
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Farmers Practice (FP): Farmers getting information from peer group, input dealers, extension functionaries, mass media and, KMA Technology option-I (TO-I): FP + Short Video Lecture+ Focus Group discussion Technology option-II (TO-II): FP + Using of ”riceXpert” App
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	***NRRI, Cuttack.2017***
5.	Production system and thematic area	Rice+ Pulse and ICT
6.	Performance of the Technology with performance indicators	Cost of intervention. Additional income over additional investment, B:C ratio
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition: Poor accessibility to accurate and timely information on technical knowledge/advisory in rice production

Technology option-I (TO-I): FP + Short Video Lecture+ Focus Group discussion

Technology option-II (TO-II): FP + Using of ”riceXpert” App Table:

Technology	No. of	Yield component	Disease/	Yield	Cost of	Gross	Net return	BC

option	trials	No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)	insect pest incidence (%)	(q/ha)	cultivation (Rs./ha)	return (Rs/ha)	(Rs./ha)	ratio

Results:

OFT-11

1.	Title of On farm Trial	**Assessment of the performance of FPOs with varied levels of task and commodity to enhance income**
2.	Problem diagnosed	Less farmers profit due to marketing through intermediaries
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Farmers marketing their produce through intermediaries Technology option-I (TO-I): FPO dealing with a single commodity with a single task Technology option-II (TO-II): FPO dealing with single commodity with multi-task Technology option-III (TO-III): FPO dealing with multi-commodity with single task Technology option-III (TO-IV): FPO dealing with multi-commodity with multi task
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	
5.	Production system and thematic area	paddy+ vegetables/fruits and group dynamics & farmers organization
6.	Performance of the Technology with performance indicators	Easy to produce,Easy to sell, Farmers interest to become a member, Business planning and market linkage with various national and international companies, Share capital contributed

7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition: less farmers profit due to marketing through intermediaries

Technology - Technology option-I (TO-I): FPO dealing with a single commodity with a single task
Technology option-II (TO-II): FPO dealing with single commodity with multi-task
Technology option-III (TO-III): FPO dealing with multi-commodity with single task
Technology option-III (TO-IV): FPO dealing with multi-commodity with multi task

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						

Results:

OFT-1

1.	Title of On farm Trial	
2.	Problem diagnosed	
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	

4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	
5.	Production system and thematic area	
6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition:

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						

Results:
Please provide all the OFTs in same format

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic are	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.	Paddy	IDM	**Demonstration on integrated management practices of neckblast in paddy** seed treatment with carboxin 37.5% + Thiram37.5% @ 2.5gm/kg, two sprays of Trifloxystrobin25% + Tebuconazole 50%(Nativo75WG) @ 200gm/ha at 15 days interval starting 1st spray at disease(leaf blast) appearance	2ha	2ha							10			-




Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Paddy	Kharif										

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

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

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

Pulses

Frontline demonstration on pulse crops

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

	Total														

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Betel Vine	IDM	**Demonstration on Integrated Management of vine rot in betel vine**	10	0.4	2700000 Leaf yield/ (No/Year)	1800000 Leaf yield/ (No/Year)						1485000	3.20			790000	2.22
Coconut		**Demonstration on integrated management of spiraling whitefly in coconut**	10	1.0													
	Total		20	1.4													

Photo- Betlevine




Photo- Coconut

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy	Production management	Demonstration on Hydroponic maize fodder for dairy cattle	10	0.4ha	6.2kg fodder/1kg Maize Seed			8.2 lt/cow Average daily milk yield	7.6 lt/cow Average daily milk yield	4020 Rs/Month	7380 Rs/Month	3360 Rs/Month	1.83	4200 Rs/Month	6840 Rs/Month	2640 Rs/Month	1.62
Cow																	
Buffalo																	
Poultry	Income generation	Demonstration of Quail farming for income generation	10	10	Avg. wt. of bird-260g Avg. Egg in 6 months 156 nos.	-				10650/ 100birds	16360 / 100birds	5710/ 100birds	1.53	-	-	-	-
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specify)																	

Total			20														

* 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

Photo- Fodder


Photo- Quail



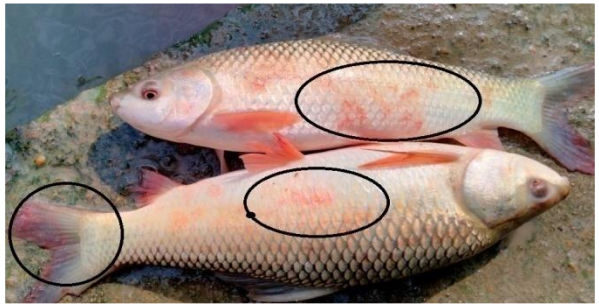
Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

Common carps		Demonstration of Genetically Improved (GI) catla in composite carp culture	20	6.0ha	38.70 Yield (q/ha)	33.46 Yield (q/ha)		ABW during harvesting (g) – 1150 Survival Rate(%) - 67.42 Plankton density (ml/ of pond water – 1.8	ABW during harvesting (g) – 810 Survival Rate(%) - 65.25 Plankton density (ml/ of pond water – 2.2	235500	462000	226500	1.96	212800	400000	187200	1.88
Mussels																	
IFS		Demonstration of strengthening of pond based IFS	10	4.0	Continueing												
Ornamental fishes																	
Others (pl. specify)																	

Fish seed		Demonstration of mixed carp stunted fingerlings production in biofloc culture system			4.30 Yield (q/10T tank/ 6 months)	1.85 Yield (q/10T tank/ 6 months)		Survival Rate(%) - 75.43 Crop cycles in six months - 2 Disease incidence (%) - 3 ABW during harvesting (g) – 28.5	Survival Rate(%) – 62.30 Crop cycles in six months - 1 Disease incidence (%) - 12 ABW during harvesting (g) - 108.0	34000	60000	26000	1.76	28800	45300	16500	1.57
Fish		Demonstration on use of Ivermectin in controlling Argulosis	5	2.0				Disease incidence (%) – 1 Survival Rate(%) - 78 Plankton density (ml/ of pond water - 2.4 ABW during harvesting (g) – 517.60	Disease incidence (%) – 8 Survival Rate(%) - 62 Plankton density (ml/ of pond water - 1.5 ABW during harvesting (g) – 466.45	176000	363360	187360	2.06	170300	260280	89980	1.53
	Total															

	 21st November 2022 VIGYAN KENDRA,	 FLD ON STRENGTHENING OF POND BASED IFS Year : 2022-23 Season - Round the Year KRISHI VIGYAN KENDRA, PURI, SAKHIGOPAL
 FLD ON STUN D CARP FINGERLINGS PRODUCTION IN BIOFLOC CULTURE SYSTEM Year 2022-23 Seas - Kharif KRISHI VIGYAN KE RA, PURI,	 FLD ON S UNTED CARP FINGERLINGS RODUCTIO N BIOFLOC CULTURE SYSTEM ar : 2022-23 ason - Kharif KRISHI KENDRA, PURI, SAKH	  NTED CARP FINGERLINGS N BIOFLOC CULTURE SYSTEM ar : 2022-23 ason - Kharif KHIGOPAL



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

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

Paddy Straw mushroom	Demonstration on Packaging and storage method for shelf life enhancement and transportation of paddy straw mushroom	5	5	Shelf Life (Days)-90	Shelf Life (Days) 30		% Veil opening – 13.09	% Veil opening – 28.36	438	960	540	2.0	480	750	330	1.7
Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl. specify)																
Coconut	Demonstration of Coconut value added product- Coconut Chips for income generation	10	10	Shelf Life (Days)-90	Shelf Life (Days) 30		Sensory Evaluation 9	Sensory Evaluation 7	2700/-	5000/-	2300/-	1.85	1000/	1500/-	500/-	1.5
Total																

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

** BCR= GROSS RETURN/GROSS COST

Photo

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women					
Pregnant women					
Adolescent Girl					

Other women					
Children					
Neonatal					
Infants					

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check						Demonstration	Check		
	Paddy (Engg.)	Demonstration of direct seeding of paddy by tractor drawn multi crop seed cum Fertilizer drill ..	10		7880/- (saving in cost – Rs2320/-)	10200/-	11.91					33680	36000		
	Groundnut (Engg.)	Demonstration of Sprinkler Irrigation in Groundnut	10		Water consumption (mm)490	Water consumption (mm)580	19.2								
	Green gram (Engg.)	Demonstration of Tractor drawn pulse thresher for threshing of greengram	5												

	Pointedgourd (Engg.)	Demonstration of Drip irrigation with mulching in Pointedgourd	5		Irrigation water used (mm)-483	Irrigation water used (mm)-644	35.97					Weeding cost (Rs/ha) 6900/-	Weeding cost (Rs/ha) 16500/-		

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

Demonstration details on crop hybrids

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

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

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

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back

Extension and Training activities under FLD

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

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2022 and Rabi 2021-22:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P

B. Economic parameters

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

C. Socio-economic impact parameters

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

D. Oilseed Farmers' perception of the intervention demonstrated

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

E. Specific Characteristics of Technology and Performance

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

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

A) Farmers and farm women (on campus)

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													

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
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													

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
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													

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
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio0agents production													
Bio0pesticides production													
Bio0fertilizer production													
Vermi0compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee0colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others													
Total													
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total													
XII. Others (Pl. Specify)													
GRAND TOTAL													

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs	2	23	7	30	0	0	0	0	0	0	23	7	30
Planting material production													
Vermiculture													
Mushroom spawn Production	1	0	8	8	0	2	2	0	0	0	0	10	10
Beekeeping	2	12	25	37	0	3	3	0	0	0	12	28	40
Sericulture													
Repair and maintenance of farm machinery and implements	3										34	16	50
Value addition	1	0	15	15	0	5	5	0	0	0	0	20	20
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries	1										20	0	20
Composite fish culture	1										17	3	20
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others - fish seed producers	1										8	2	10

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
Enterprise development	1										20	0	20
ICT	1										14	6	20
Total	14	35	55	90	0	10	10	0	0	0	148	92	240

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management	2	22	8	30	7	3	10	0	0	0	29	11	40
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements	3	41	4	45	15	0	15	0	0	0	56	4	60
Gender mainstreaming through SHGs	1	0	15	15	0	5	5	0	0	0	0	20	20
Formation and Management of SHGs													
Women and Child care	1	0	12	12	0	7	7	0	1	1	0	20	20
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization	1	15	0	15	5	0	5	0	0	0	20	0	20
Information networking among farmers	1	15	0	15	5	0	5	0	0	0	20	0	20
Capacity building for ICT application	1	15	0	15	5	0	5	0	0	0	20	0	20
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other													
Malnutrition and its management	1	0	12	12	0	7	7	0	1	1	0	20	20
Sustainable BW shrimp & fin-fish farming	1	15	0	15	0	0	0	0	0	0	15	0	15
Biofloc Fish farming	1	15	0	15	0	0	0	0	0	0	15	0	15
Recent advances in brackish water aquaculture	1	15	0	15	0	0	0	0	0	0	15	0	15
Total	14	153	51	204	37	22	59	0	2	2	190	75	265

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													

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
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off0season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Processing & cooking													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Value addition													
Women empowerment													
Location specific drudgery reduction technologies													
Rural Crafts													
Women and child care													
Others													
Total													
VI. Agril. Engineering													

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
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others													
Total													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides													
Others													
Total													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others													
Total													
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development													
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													

E) RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermiculture													
Mushroom Production													
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total													

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													

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

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Micro irrigation/irrigation													
Seed production													
Nursery management													
Integrated Crop Management													
Soil & water conservation													
Integrated nutrient Management													
Production of organic inputs													
Others													
Total													
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Exotic vegetables													
Export potential vegetables													
Grading and standardization													
Protective cultivation													
Others													
Total (a)													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others													
Total (b)													
c) Ornamental Plants													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others													
Total (c)													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others													
Total (d)													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others													
Total (e)													
f) Spices													
Production and Management technology													
Processing and value addition													
Others													
Total (f)													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others													
Total (g)													
Total(a-g)													
III. Soil Health and Fertility Management													
Soil fertility management													
Integrated water management													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Balance Use of fertilizer													
Soil & water testing													
others													
Total													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Animal Nutrition Management													
Disease Management													
Feed & fodder technologies													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production of quality animal products													
Others													
Total													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1												25
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet	1												25
Minimization of nutrient loss in processing	2												50
Processing & cooking													
Gender mainstreaming through SHGs	1												25
Storage loss minimization techniques													
Value addition	1												25
Women empowerment	1												25
Location specific drudgery reduction technologies	1												25
Rural Crafts													
Women and child care													
Others	6												150
Total	**14**												**350**
VI. Agril. Engineering													
Farm machinery & its maintenance													
Installation and maintenance of micro irrigation systems	2										50		50
Use of Plastics in farming practices													
Production of small tools and implements	1										25		25
Repair and maintenance of farm machinery and implements	4										100		100
Small scale processing and value addition													
Post Harvest Technology	3												75
Others	2												50
Total	12												300
VII. Plant Protection													
Integrated Pest Management	6										150		150
Integrated Disease Management	4										100		100
Bio0control of pests and diseases													
Production of bio control agents and bio pesticides	1												25
Others													
Total	**11**												**275**
VIII. Fisheries													
Integrated fish farming	2												50
Carp breeding and hatchery management	1												25
Carp fry and fingerling rearing													
Composite fish culture	3												75

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes	1												25
Portable plastic carp hatchery	1												25
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others	5												125
Total	**13**												**325**
IX. Production of Input at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Mushroom production													
Apiculture													
Others													
Total													
X. Capacity Building and Group Dynamics													
Leadership development	2												50
Group dynamics	2												50
Formation and Management of SHGs	1												25
Mobilization of social capital	3												75
Entrepreneurial development of farmers/youths	1												25
WTO and IPR issues	1												25
Others	3												75
Total	**13**												**325**
XI. Agro forestry													
Production technologies	1												25
Nursery management													
Integrated Farming Systems													
Others													
Total	**1**												**25**
XII. Others (Pl. Specify)													

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
GRAND TOTAL	64												1600

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Protected cultivation of vegetable crops													
Commercial fruit production													
Integrated farming													
Seed production													
Production of organic inputs	2	23	7	30	0	0	0	0	0	0	23	7	30
Planting material production													
Vermiculture													
Mushroom Production	1	0	8	8	0	2	2	0	0	0	0	10	10
Beekeeping	2	12	25	37	0	3	3	0	0	0	12	28	40
Sericulture													
Repair and maintenance of farm machinery and implements	3										34	16	50
Value addition	1	0	15	15	0	5	5	0	0	0	0	20	20
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries	1										20	0	20
Composite fish culture	1										17	3	20
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Fry and fingerling rearing													
Others - fish seed producers	1										8	2	10
Enterprise development	1										20	0	20
ICT	1										14	6	20
Total	**14**	**35**	**55**	**90**	**0**	**10**	**10**	**0**	**0**	**0**	**148**	**92**	**240**

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	2	22	8	30	7	3	10	0	0	0	29	11	40
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs	3	41	4	45	15	0	15	0	0	0	56	4	60
Care and maintenance of farm machinery and implements	1	0	15	15	0	5	5	0	0	0	0	20	20
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care	1	0	12	12	0	7	7	0	1	1	0	20	20
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization	1	15	0	15	5	0	5	0	0	0	20	0	20
Information networking among farmers	1	15	0	15	5	0	5	0	0	0	20	0	20
Capacity building for ICT application	1	15	0	15	5	0	5	0	0	0	20	0	20
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Others - Malnutrition and its management	1	0	12	12	0	7	7	0	1	1	0	20	20
Sustainable BW shrimp & fin-fish farming	1	15	0	15	0	0	0	0	0	0	15	0	15
Biofloc Fish farming	1	15	0	15	0	0	0	0	0	0	15	0	15
Recent advances in brackish water aquaculture	1	15	0	15	0	0	0	0	0	0	15	0	15
Total	**14**	**153**	**51**	**204**	**37**	**22**	**59**	**0**	**2**	**2**	**190**	**75**	**265**

Please furnish the details of training programmes as Annexure in the proforma given below

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total

H) Vocational training programmes for Rural Youth

a) Details of training programmes for Rural Youth

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

*training title should specify the major technology /skill transferred

b) Details of participation

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
Crop production and management													
Commercial floriculture													
Commercial fruit production													
Commercial vegetable production													
Integrated crop management													
Organic farming													
Other													
Total													
Post harvest technology and value addition													
Value addition													
Other													
Total													
Livestock and fisheries													
Dairy farming													

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

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of participants	Sponsoring Agency
					PF/RY/EF			

b) Details of participation

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Crop production and management													
Increasing production and productivity of crops													
Commercial production of vegetables													
Production and value addition													
Fruit Plants													
Ornamental plants													
Spices crops													
Soil health and fertility management													
Production of Inputs at site													
Methods of protective cultivation													
Other													
Total													
Post harvest technology and value addition													
Processing and value addition													
Other													
Total													
Farm machinery													
Farm machinery, tools and implements													
Other													
Total													
Livestock and fisheries													
Livestock production and management													
Animal Nutrition Management													
Animal Disease Management													
Fisheries Nutrition													
Fisheries Management													
Other													

Total													
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women													
Other													
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total													

3.4. 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											
Kisan Mela											
Kisan Ghosthi											
Exhibition											
Film Show											
Method Demonstrations											
Farmers Seminar											
Workshop											
Group meetings											
Lectures delivered as resource persons											
Advisory Services											
Scientific visit to farmers field											
Farmers visit to KVK											
Diagnostic visits											
Exposure visits											
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp											
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group											

Conveners meetings											
Mahila Mandals Conveners meetings											
Celebration of important days (specify)											
Sankalp Se Siddhi											
Swatchta Hi Sewa											
Mahila Kisan Divas											
Any Other (Specify)											
Total											

B. Other Extension activities

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

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F

Grand Total											

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Vegetable seedlings											
Cauliflower											
Cabbage											
Tomato											
Brinjal											
Chilli											
Onion											
Others											
Fruits											
Mango											
Guava											
Lime											
Papaya											
Banana											
Others											
Ornamental plants											
Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Others, pl. specify											
Total											

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted							
			SC		ST		Other		Total	
			M	F	M	F	M	F	M	F
Bio-fertilizers										
Bio-pesticide										
Bio-fungicide										
Bio-agents										
Others, please specify.										

Total											

Production of livestock materials

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

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 2022						
Rabi 2020-21						
Summer/Spring 2022						
Kharif 2022						
Rabi 2021-2022						

iii) Financial Progress

Fund received (2019-20, 2020-21, 2021-22 and 2022-23)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2019-20				
2020-21				
2021-22				
2022-23				

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

3.6.

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic				

Publication (CD/DVD etc.)				
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.					
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)

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

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

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

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

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

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/	Production	No. of farmers	Market available

		No. covered		involved	(Y/N)

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	Diagnostic field visit	Farmers and Farm women
2	Group discussion	Rural Youth
3	PRA Tools	Farmers and Farm women
4	Stake holders meet	Inservice
5	Feedback	Farmers and Farm women
6	Identification of courses for farmers/farm women, Rural Youth, In-service personnel through participatory discussion during rapport building	Specific training need analysis of different cliental group
7	Training modules are developed by conducting PRA in villages	Problem analysis of different activities and prioritization
8	Need analysis and designing of training module through filling the printed proforma "Initial Evaluation" of KVK.	To fulfill the demand and to meetup the requirement of the trainees

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

Sl. No	Name of the Equipment	Qty.

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			

3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted

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

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

3.13. Technology week celebration

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

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

No of student trained	No of days stayed

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit

4. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)

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

4.2. Cases of large scale adoption
(Please furnish detailed information for each case)

Horizontal spread of technologies	
Technology	Horizontal spread

Give information in the same format as in case studies

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

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

4.4. Details of innovations recorded by the KVK

Thematic area	
Name of the Innovation	

Details of Innovator	
Back ground of innovation	
Technology details	
Practical utility of innovation	

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	
Name & complete address of the entrepreneur	
Role of KVK with quantitative data support:	
Timeline of the entrepreneurship development	
Technical Components of the Enterprise	
Status of entrepreneur before and after the enterprise	
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	
Horizontal spread of enterprise	

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage

5.2. List of special programmes undertaken during 2022 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.	Intercropping of Pumpkin var- Arjun in Mango Orchard			Arjun	Pumpkin	6.15q			
2.	Organic Production of Sweetcorn var-Sugar-75			Sugar-75	Sweetcorn	845 no			
3.	Exotic Vegetables Cafeteria								
4.	Pointed gourd in trellis with mulching								
5.	Seedling raising in low cost poly-tunnel								
6.	Demonstration Unit of Sunflower				Sunflower	8.3kg			
7	Demonstration on different varieties of Tulsi								
8	Floriculture Unit								
9	Demonstration on marigold var-Seracole			Seracole	Flower	9500 no			
10	Nutritional Garden				Vegetable	13q			
11.	Polyhouse	2018	41.8	Seedlings	Seedlings	65708			
12.	Quail Unit				Egg	310no			
13.	Duckery Unit								
14	Mushroom unit	2016	40.13	*V.volvacea P.sajarcaju*	Mushroom	304.4kg			
15	Vermicom post unit	2018	8.17	*E.Foetida*	Vermiculture	16kg			
16	Apiary Unit	2020	9 boxes	*Apis cerena indica*	Honey	12.7kg			
17	Azolla Unit	2019	08.0	*A.pinnata*					
18	Medicinal Unit	2014	600	24 types of medicinal plants					
19	Ornament	2019	10	Ornamental					

	al fish			fish					

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy			6	Pooja	Seed	314		1365000	
			6	Kalachampa	Seed	218			

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

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

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.	Quail						
2.	Duck						
3.	Fish		Fingerling	529625			Sold to public & distributed in OFT & FLD programmes

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)- NA

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Total :			

(For whole of the year)

6.6. Utilization of staff quarters - NA

Whether staff quarters has been completed:
No. of staff quarters:
Date of completion:

Occupancy details:

Months	Q I	Q II	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current	SBI	Sakhigopal, Puri	11346446097
Current	SBI	Sakhigopal, Puri	30356069907
Current	SBI	Sakhigopal, Puri	39580900261

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

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

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

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

2019.5. Utilization of KVK funds during the year 2022-23 (Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances			
2	Traveling allowances			
3	Contingencies			
A				
B				
C				
D				
E				
F				
G				
H				
I				
J	Swachhta Expenditure			
TOTAL (A)				
B. Non-Recurring Contingencies				
1				
2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND				

GRAND TOTAL (A+B+C)			

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2018-19				
2019-20	10,21,257.31	8,79,766.00	12,07,692.75 (8,07,692.75 Expenditure 4,00,000 Profit money deposited to DEE,OUAT,BBSR)	6,93,330.56 (Rs 1,25,000 pending with OSSC for Blackgram seed)
2020-21	6,93,330.56	9,92,290	11,10,258	5,75,362. 27 (Closing Balance) (Paddy seed unprocessed-474q Blackgram -9q)
2021-22				
2022-23				

7.6. (i) Number of SHGs formed by KVKs
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities

Sl. No.	Area of activity	No. of SHG involved	No. of Participants	Remark
1	Mushroom cultivation	**112**	**1680**	Total 85 groups were trained on mushroom cultivation. 75 groups were trained under Hort. Dept. and 10 groups of KVK villages were provided with technical guidance and linked with Hort. Dept. for different schemes. SHG groups got benefited with package of Rs.10000 from Hort. Dept.
2	Nutritional Garden	**23**	**55**	Total 40 members of 11 different SHGs were trained on NutritionalGarden and linked with OLM on Mo UpakariBagicha scheme
3	Vermicomposting	**6**	**14**	Near about 6 SHGs were started vermicomposting
4	Fishery	**23**	**68**	23 SHGs have started fish farming in leased ponds and linked with Fishery Dept. for availing schemes.
5	Vegetable cultivation	**12**	**28**	Total 12 no of SHGs were provided technical guidance in

				vegetable cultivation

(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

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

8. Other information

8.1. Prevalent diseases in Crops

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

8.2. Prevalent diseases in Livestock/Fishery

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

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop	7	76080

Livestock	0	
Fishery	7	
Weather	3	
Marketing	0	
Awareness	2	
Training information	0	
Other	1	
Total	**20**	

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	*76080*
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

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	10	14757
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level		
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner		
11. Foster healthy competition		1963

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		16720

Photograph

<table>
<tr><td colspan="2">  </td><td> 
</td><td>  </td></tr>
<tr><td colspan="3">On the eve of Gandhi Jayanti</td><td>Cleaning of KVK Campus</td></tr>
<tr><td colspan="2">  </td><td> 
</td><td>  </td></tr>
<tr><td colspan="4">Awareness Programmes on Swacchata</td></tr>
</table>

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school

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

Give good quality 1-2 photograph(s)

9.9. Details of '*Pre-Rabi Campaign'* 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 Doordarshan (Yes/ No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		

9.10. Details of Swachhta Hi Suraksha programme organized

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

9.11. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	1. One seminar was organized on 'gender equity in agriculture & allied sector' 2. Programme competition was organized on 'Badi preparation & Rangoli preparation' on the theme gender equality		103		

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1.	RadhashyamBiswal	Lokapala, Kanas 9938203357	Agriculture
2.	Naresh Pradhan	Akhupada, Puri sadar 8144811682	Fishery
3.	RajalaxmiMohanty	Gadapadanpur, Nimapara 9861313681	Poultry
4.	Gauripriyamohapatra	Nuasahi, Nimapada 6371699061	Agriculture

5.	Santosh Das	Janakideipur, Puri sadar 8249087691	Fishery
6.	Renubala dash	Talajanga, purisadar 7978661280	Mushroom
7.	RanjanBehera	Sanabhimdaspur, Satyabadi 9777788896	Mushroom
8.	SangramkeshariPatra	Resinga, Nimapada 9937741915	Agril. Engg
9.	ShishirkumarBhatta	Madhipotala, pipili 9337731345	Natural farming
10.	Santosh Mishra	Pipili 9937310303	Mushroom
11.	AswiniBaral	Sanabhimdaspur, Satyabadi 9937265710	Mushroom
12.	SusantakumarSahoo	Jaypur, Satyabadi 9658980187	IFS
13.	Abhijitsahoo	Alasankha, Gop 7008083414	IFS
14.	Ramachandrasahoo	Jatipura, purisadar 7894413361	Agriculture
15.	Nakula Chandra Swain	Garpada, Nimapada 9938623355	Agriculture

9.13. Revenue generation - NA

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

9.14. Resource Generation: NA

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

9.15. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
29.11.21	ICAR	Functioning Data recording is going on by IMD

		officials as SMS (Agromet) post is vacant.

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	Puri	Varietal Evaluation	1	7	
		Varietal Demonstration	1	10	
		Natural resource conservation	1	30	
		Farm mechanization	1	10	

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

a) Year: 2022
b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1	Evaluation of weed management under drill dry DSR in Kharif	To evaluate the effect of herbicides & different herbicide combinations in DSR Rice	**T1:** Two manual weeding at 15-20 and at 30-35 days after sowing (DAS) **T2:** Tank mix of bispyribac + pyrazosulfuron 20+20 g a.i./ha (80 ml+ 80 g Product/acre) at 15-25DAS + One spot hand weeding at 30-35 DAS as needed **T3:** Tank mix of Vivaya (premix combination of penoxulam + cyhalofop 135 g a.i./ha)(900-1000 ml	15.6.22	3	**Cost of cultivation (Rs/ha)** **T1: 36000** **T2:33680** **T3:33500** **T4:33600** **T5:33740** **T6:33850** **T7:33640** **Yield(q/ha)** **T1: 37** **T2:41** **T3:39** **T4:39.8**

			product/acre) + Almix (4 g a.i./ha)(8 g product/acre) at 2-4 leaf stage (15-25 DAS) + one spot hand weeding at 30-35 DAS **T4:** Premix combination of Triafamone + ethoxysulfuron (Council Activ, 67.5 g ai/ha) at 2-3 leaf stage (12-17 DAS) + one spot hand weeding at 30-35 DAS **T5:** Tank mix of fenoxaprop (Ricestar, 90 g a.i./ha)(350-500 ml product/acre) +ethoxysulfuron (15 g ai/ha)(48 g product/acre) at 2-4 leaf stage (15-25 DAS) + one spot hand weeding at 30-35 DAS **T6:** Pretilachlor + safener (Sofit or Eraze-N) @ 0.5 kg ai/ha (650 ml product/acre) PRE fb Premix combination of Triafamone + ethoxysulfuron (Council Activ, 67.5 g ai/ha)(90 g product/acre) at 2-3 leaf stage (12-17 DAS) + one spot hand weeding at 30-35 DAS **T7:** Premix combination of Triafamone + ethoxysulfuron (Council Activ, 67.5			**T5:38.7** **T6:40** **T7:40.1**

			g ai/ha) (90 g product/acre) + Oxadiazone 25%EC A 250 g.ai./ha (250 ml product/acre) at 2-3 leaf stage (12-17 DAS) + one spot hand weeding at 30-35 DAS			

11. Details of TSP

a. Achievements of physical output under TSP during 2022-2023

Programmes	Physical achievements
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	
On-farm trials (Number)	
Frontline demonstrations (Number)	
Farmers training (in lakh)	
Extension personnel training (in lakh)	
Participants in extension activities (in lakh)	
Seed production (in tonnes)	
Planting material production (in lakh)	
Livestock strains and fingerlings production (in lakh)	
Soil, water, plant, manures samples testing (in lakh)	
Provision of mobile agro – advisory to farmers (in lakh)	
No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

b. Fund received under TSP in 2022-23 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2022-2023

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	
2	Change in family consumption level	%	
3	Change in availability of agricultural implements/ tools etc.	No. per household	

d. Location and Beneficiary Details during 2022-2023

District	***Sub-district***	***No. of Village covered***	***Name of village(s) covered***	***ST population benefitted (No.)***		
				M	F	T

12. 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	
Renovation of pond for fish production and irrigation	1	1	0.2									10	
Raising of land embankment for sequential paddy – cum - fish farming	1	1	6.8									17	

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	
Summer Ploughing in rice											
Paddy, Swarna Sub I	8.0									10	
Paddy, CR1009 Sub I	8.0									10	
Pumpkin, Arjun	0.2									5	

Cultivation of colocassia variety - Sankhasaru	0.4									10	
Sweetcorn , Misthi	0.1									05	
Red hybrid, Lady's Finger	0.4									10	
Radish, KTX999	0.4									10	
Marigold, Ceracole	0.4									10	
Hybrid Napier, CO4	0.4									5	
Azolla *(A. caroliniana)* (2mX1.2mX0.3 m)	10 units									10	
Hybrid Napier CO4 (0.4ha, 0.08ha each)	5									5	

Livestock and fisheries

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

				M	F	M	F	M	F	M	F	T	
IMC & Chinese carps 1 (Individual farmer)		10	0.2									10	
IMC & Chinese carps 2 (Community based)		1	6.8									17	
Demo 1 Khaki Campbell duck farming	500	50	-									10	
Demo 2 White Pekin duck farming	1000	50	-									20	
Demo 3 Vanaraja poultry	500	25	-									20	
Portable poultry housing system	8	8										08	

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	
Seed bank	01										25	Bina 11 Rice
Fodder bank	01										30	Hybrid Napier
Custom hiring centre	-										-	Farm Machineries
Small scale income generation activity	01										15	Mushroom Production

Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
Nutrient management in Banana	1									25
Sweetcorn cultivation	1									25
Micro Irrigation	1									25
Integrated management of Panama wilt in Bananna	1									25
Round the year mushroom cultivation	1									25
Operation & maintenance of	1									25
Fish – cum – duck farming	1									25
Composite carp culture	1									25
Azolla cultivation for supplementary feed of poultry & cattle	1									25
Feeding management in composite carp culture	1									25

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
Vaccination camp against FMD Cattle	176 nos. dairy cows									60
Vaccination for Ranikhet in Poultry.	344 nos poultry chicken									20
Deworming	32nos calves&28 nos. goat kids									25
Vaccination camp against other diseases	176 nos cows									60

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
1	2nd prize	2023	Dept. of Agriculture, Puri		Stall arrangement in district level farm machinery fair at Saradhabali, Puri
2	Best KVK award	2022	OUAT, BBSR		Outstanding achievements in the field of extension services
3	Innovative Farmer	2023	Pusa krishi Vigyan Mela-2023	-	Innovative Farmer

Award received by Farmers from the KVK district

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

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

Name of the component	**Brief activities under ARYA Project**

Mushroom production & value addition	15 Mushroom Production Units, 1 Mushroom Processing Unit for production of value-added products of mushroom and 1 Everything Mushroom Supply Centre for supply of cultivation inputs have been started
Backyard poultry	25 Backyard Poultry Units & 1 Chick Brooding Units have been developed
Apiary	15 APIARY Units & 1 Single window Bee Solution for Supply of inputs & services have been begun
Fish production with fish seed	15 Fish Production Units & 1one stop aqua shop for supply of all aquaculture inputs & services are developed with project support

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

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
1	Utkalkeshari FPO ltd	U01110OR2021PTC036461	14.5.2021 Jaripada, urali, cuttack	Agricultural production, processing, marketing	Aromatic rice, greengram, blackgram, groundnut	350	5: share capital 10: paid up capital	
2	JaytridevFPO.ltd	U01611OD2023PTC042033	28.03.2023, dandipur, Nimapada	Agricultural & poultry production, processing, marketing	Paddy, maize, poultry	10	0.2	
3	Samarpita women FPO.ltd	U01100OR2022PTC040936	10.10.2002, Subalapur, Satasankha	Agricultural production, processing, marketing, organic production	Greengram, paddy, CHC	511	62	

16. Integrated Farming System (IFS)

Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
1	Fingerling production unit	0.2	144800 no	64027	98192	32	
2	Mushroom production unit	40.13sq.mt	2.419q	14140	18450	43	

3	Poly House	41.8 sq.mt.	44514 nos	51555	72267	10	
4	Banana plantation	60nos	858 fingers	2400	3842	14	
5	Apiary Unit	09 Boxes	6kg 4 colony	1500	6400	6	
6	Vermicompost Unit	8.17 sq.mt	8.29 vermicompost 5kg culture	4700	10700	8	

17. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	Demonstration of Integrated management of Stem borer in Summer Paddy	Nursery treatment with cartap hydrochloride 4G@ 0.8 kg perhactare, + twice spraying of neem oil 3000ppm @3ml/lit and Indoxacarb 18.5SL@1ml/litre at 50DAT at 15 days interval + twice releaseof T. chilonis @ 50,000/ha 7days after each spraying.	37600	8	
2	Weed Management in Paddy	Pre émergence application of herbicide (Bensulfuronmethyl 0.6%+ Pretilachlor 6.0%) @ 10 kg/ha at 3 DAT and post emergence application of penoxsulan 21.7SC @ 20g ai/ha at 15 DAT	38420	32	

3	Java Punti, *Puntius gonionotus as intercrop* in composite fish culture	Incorporation of Java Punti with IMC i.e. stocking of Catla: Rohu: Mrigal: Java Punti::3:4:3:2 @ 10000 nos/ha.	278000	12	
4	Demonstration of Marigold	Us41.8sq.mt.e of Var. Bidhan Marigold-2	75700	6	
5	Demonstration of Drip irrigation with mulching in Pointed gourd	Use of 50 micron mulch film with drip irrigation (in line drip -discharge 2lph) operating for 70-80 minutes in winter and 80-155 minutes in summer inalternate days.	150398	5	
6	Demonstration on backyard poultry breed Kadaknath	Rearing of poultry birds in semi-intensive system	420/bird	16	

18. Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)					
II (up-to 24.04.218)					
Total					

19. Information on Visit of Ministers to KVKs, if any

Date of Visit	Name of Hon'ble Minister	Name of Ministry	Salient points in his/ her observation (2-3 bulleted points)
10.04.2022	Dr.Arun Kumar Sahoo	Dept. of Agril	

20. a) Information on ASCI Skill Development Training Programme, if undertaken during 2022

Name of the Job role	Name of the certified Trainer of	Date of start of training	Date of completion of training	No. of participants						Whether uploaded to SIP	Fund utilized for the training
				SC		ST		Other			
				M	F	M	F	M	F		

	KVK for the Job role									Portal (Y/N)	(Rs.)

b) Information on Skill Development Training Programme (Other than ASCI or less than 200 hrs., if any) if undertaken during 2022

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	

21. Information on NARI Project (if applicable)- NA

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

22. Information on Krishi Kalyan Abhiyan Phase-III, if applicable

a) Training achievements

Name of KVK	***Period***	***No. of Training on diversified farming practices for doubling farmers' income organized***	***No. of farmers trained***	
			Male	***Female***
	01.01.2022 to 31.12.2022			

b) Other achievements

Sl. No.	**Particulars**	**January, 2022 to December, 2022**
1	Number of demonstrations other than oilseeds and pulses	
2	Number of demonstrations on oilseed crops	
3	Number of demonstrations on pulse crops	
4	Number of farmers trained	
5	Number of participants in Extension activities	
6	Number of farmers for Mobile Advisory	
7	Production of seeds (in quintal)	
8	Production of planting material (Number)	
9	Number of soil sample tested	
10	Number of farmers covered in Climate Resilient villages	

11	Number of farm families covered in Farmer FIRST project	
12	ARYA project: Number of youth trained	
13	ARYA project: Number of entrepreneurial activities started	
14	Number of farm families in DFI villages	

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

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

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

***