PROFORMA FOR ANNUAL REPORT JAN 2019 –DEC 2019

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, 2020)

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	22320-39100 (GP-) -8000 RS./-23230	15.09.17	Permanent	Others
2	Subject Matter Specialist	Dr.Sumita Acharya	Scientist (H.Sc.)	Home Science	15600-39100 (GP-6000) RS./-23070	18.06.18	Permanent	Others
3	Subject Matter Specialist	Mrs DipsikhaParamjita	Scientist (Agril.Engg.)	Agriculture Engineering	15600-39100 (GP-6000) RS./-22220	23.11.18	Permanent	Others
4	Subject Matter Specialist	Sri Manas Ranjan Behera	S.M.S(Fishery)	Fishery	15600-39100 (GP-) 5400 RS./- 16230	18.07.18	Permanent	Others
5	Subject Matter Specialist	MsSonita Rani Sethy	S.M.S.(Agril.Extn.)	Agriculture Extension	15600-39100 (GP-) 5400 RS./- 16230	13.08.18	Permanent	Others
6	Subject Matter Specialist	Vacant					Permanent	Others
7	Subject Matter Specialist	Vacant					Permanent	Others
8	Programme Assistant	Vacant					Permanent	Others
9	Computer Programmer	MrsPuspanjali Mishra	Prog.Asst(Comp.)	Computer	9300-34800 (GP-) 4200 RS./- 16280	17.08.15	Permanent	Others
10	Farm Manager	MrsNeeva Mohapatra	Farm Manager	Plant physiology	9300-34800 (GP-) 4200 RS./-11010	29.12.15	Permanent	Others
11	Accountant / Superintendent	Vacant					Permanent	Others
12	Stenographer	Sri Bibhu prasad Dash	Steno cum computer operartor	Graduation	5200-20200 (GP-) 2400 RS./-8820	1.8.12	Permanent	Others

13.	Driver	Sri Nirakar Pradhan	Driver cum Mechanic	Office	5200-20200 (GP-) 1900 RS./-8270	1.09.15	Permanent	Others
14.	Driver	Sri Jitendra Pradhan	Driver cum Mechanic	Office	5200-20200 (GP-) 1900 RS./- 8270	12.08.16	Permanent	Others
15.	Supporting staff	Sri BabajiSethi	Peon cum Watchman	Office	4440-7440 (GP-) 1700 RS./-6330	7.8.08	Permanent	SC
16.	Supporting staff	Sri BrajabandhuSahani	Peon cum Watchman	Office	4440-7440 (GP-) 1700 RS./-6330	8.8.08	Permanent	Others

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		√ (Pilling completed)				258	Not	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	Nil							
9.	Dairy unit					(damaged by FANI)		Not	ICAR
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 net house For Organic Products					Yes		Use	Fund of KVK
15.	Soil test Lab								
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	Others,Please Specify								

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
TATA SUMO-OR02AN0809	2007	450000	224452	Condemned
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, 2016	38500 49520 36000	Working (one monitor is not Working	ICAR
Laptop (2no)	2006 2018	42280 44900	Working (No Battery backup Working	ICAR
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
Digital camera	2017	17900	Working condition	ICAR
Printer cum xerox	2016	44751	Working condition	ICAR

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 SAC meeting* conducted in the year 2018-19**

The 14thSAC meeting of KVK Puri was organized on dt.13.03.2019 at KVK campus. The meeting was chaired by Prof.(Dr).P.K.Roul,DEE, OUAT, Bhubaneswar.

List of participants with address and status in the meeting

Sl No.	**Name of the participant**	**Designation with address**	**Status**
1	Prof. Pravat Kumar Roul	Dean, Extension Education, OUAT, BBSR	Chairman
2	Prof. Pravat KumarSarangi	ADR, RRTTS, Coastal Zone, Bhubaneswar	Member
3	Dr. Mahamaya Prasad Nayak	JDE(Information), OUAT	Member
4	Mr. .S.ChandrasekharRao	Deputy Director of Agriculture, Puri	Member
5	Mr. Nabakishore Tad	Deputy Director of Horticulture, Puri	Member
6	Dr. Girija Prasad Patnaik	Chief District Veterinary Officer, Puri	Member
7	Mr. Debendra Kumar Behera	District Fishery Officer, Puri	Member
8	Dr. B.R.Pattnaik	Senior Scientist and Head, KVK, Jagatsinghpur	Member
9	Dr. Surya Narayan Mishra	Senior Scientist and Head, KVK, Kendrapara	Member
10	Sri Dillip Kumar Baral	Progressive Farmer	Member

11	Sri Madan Mohan Dalai	Progressive Farmer	Member
12	Mrs. Laxmipriya Dash	Farm Women	Member
13	Mrs. GouripriyaMohapatra	Farm Women	Member
14	Dr.SumitaAcharya	Scientist, Home Science	Nominated Member
15	Miss. Pravati Mishra	Member, SWAD, NGO	Invited Member
16	Mr. B.K.Rautray	Scientist(Plant Protection)	Invited Member
17	Dr.SubasisBal	Research Scientist	Invited Member
18	Dr.PradiptaMajhi	SMS (Soil Science)	Invited Member
19	Dr. Sanjay Kumar Mohanty	Senior Scientist and Head, KVK, Puri	Member Secretary
20	Er.Dipsika Paramjita	Scientist(Ag Engg)	Invitee
21	Miss. Sonita Rani Sethy	SMS (Ag. Extension), KVK, Puri	Invitee
22	Mrs. Puspanjali Mishra	Programme Assistant(Computer)	Invitee
23	Mrs. Neeva Mahapatra	Farm Manager, KVK, Puri	Invitee

(Salient Recommendation & Action taken – 14th SAC Meeting)

- Emphasis to be on Convergence of all developmental work of line departments
- Documentation of case studies of successful farmers/farmwomen
- "Patkapura" type banana planting material should be spread in the district.
- Develop a coconut & fishery based farming system model in farmers' field.
- Training to SHGs on preparation of coconut based handicraft products.
- Vermicompost production using spent mushroom substrate and its popularization.
- Training to Farm women on Post harvest handling of mushroom and spawn production.
- Establishment of one organic unit in KVK campus.
- Publication of booklet on package of practices on "Boro Rice Cultivation"
- Assessment of YMV tolerant greengram varieties
- Emphasis on popularization of fodder cultivation
- Evaluation of vermicomposting with coir pith and lime.
- Demonstration on Boro Rice cultivation through mechanization using drum seeder.
- Organizing training programme on climate change disaster preparedness
- Intervention on Betelvine and establish a betelvine demo unit in KVK campus.
- Establish a new functional spawn production unit and betelvine demo unit availing institutional subsidy from horticulture department.

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1	14.3.19	23	Emphasis is to be given on Convergence with all departments	1. ARYA convergence (Honey bee, Mushroom, Pisciculture, Poultry) with line departments 2. Whole straw paddy thresher, Post hole digger, paddy harvester, power weeder, solar pump with CAET/ Agril. Dept./Companies 3. Animal health camp, exhibition with ARD 4. DSW(Nutritional garden, women friendly drudgery reduction implements) 5. Convergence with National Fisheries Development Board regarding demonstration of improved fish varieties i.e. Jayanti Rohu, Amur Carp 6. Convergence with fishery dept. in blue revolution/ RKVY schemes with trained rural youth of KVK & ASCI trainees 7. ATMA Farmers' field school on pisciculture 8. IRRI trial, BGREI, NFSM, SREP/(ATMA), Coconut board, IFFCO, KRIBCO, CIWA, Central Coastal Research Institute,Goa 9. Convergence with horticulture departmental schemes Mission Shakti- Mushroom, Nursery raising in 11 blocks	
			Development of case studies of successful farmers/farmwomen with process documentation	1. Sri Laxman Bastia- Mushroom Spawn production 2. Sri Batakrushna Swain- Integrated Fish Farming 3. Sri Naresha Swain – Innovation in Piscicultre 4. Sri Sanjit Mohanty- Mushroom Production & Value addition 5. Developed Mobile app for mushroom growers "MUSHROOM KVK PURI"	

			Prepare a coconut & fishery based farming system model in farmers' field.	Fishery based farming system of 1. Mahendra Behera, Village- Sama,Block-Gop 2. Prasant Ku. Pradhan, Village-Singhberhampur, Block-Delanga 3. Batakrushna Swain,Village- Machapada, Block-Delanga 4. Chandan Khuntia,Village-Gualigorada,Block-Nimapada	
			Training to SHGs on preparation of coconut based handicraft products	Training conducted at Bagalpur involving members of SHG Federation	
			Vermicompost production using spent mushroom substrate and then popularizing the technology.	Training / Method demonstration/ Awareness in swachhata programme have been conducted	
			Training to Farm women on Post harvest handling of mushroom and spawn production	OFT on packaging of paddy straw mushroom, vocational training on value added products of oyster mushroom, displayed mushroom value added products in different exhibitions	
			Establishment of one organic unit in KVK campus	Developed organic unit in KVK instructional farm	
			Assessment of YMV tolerant greengram varieties	YMV tolerant greengram varieties IPM-02-3, IPM-02-14	
			Evaluation of vermicomposting with coir pith and lime.	OFT conducted on vermicomposting with coir pith and lime	
			Demonstration on Boro Rice cultivation through mechanization using drum seeder	Conducted method demonstration at Krushnaprasad	
			Liaison with DDH, to establish a functional spawn production unit	Planned under ARYA to set up a spawn production unit involving SHGs at Sanabhimdaspur, Satyabadi	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

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

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.	Milk production/annum	101TMT
		Milk Production by CB population	59%
		Meat (Poultry)	5TMT
		Egg production	30 Millions
		Meat (Sheep/Goat)	3TMT
8	Aquatic resources of Puri district	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 (2019)

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	1. Paddy 2. Pulse 3. Vegetable 4. Coconut 5. Banana 6. Watermelon 7. Dairy 8. Poultry 9. Goat	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	• 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

		10. Fishery 11. Mushroom 12. Apiary 13. Vermicompost	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	• 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
Pipili	Adangapada, Dandamukundapur, Matiapada, Dumukipur, Saraswatipur, Kumareswar Kunjara Bharatipur	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	• 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

			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	• 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
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	• 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

			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	• 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
Delanga	Machapada, khairamangalpur, Singhberhampur	1. Paddy 2. Pulse 3. Vegetable 4. Coconut 5. Banana 6. Dairy 7. Poultry 8. Goat 9. Inland fishery	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	• 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

		10. Mushroom 11. Apiary	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	• 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
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 4. Coconut 5. Banana 6. Dairy 7. Poultry 8. Goat 9. Inland fishery 10. Mushroom 11. Apiary	12. Low yield, disease, pest, weeds,submergence/ flood tolerant 13. Low yield, disease pest, lack of INM,IDM,IPM, 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	• 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
Gop	Oruali, Subarnapur, sarada, Bangur, Sama, Bhadisha, Chadeigaon	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	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 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	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 seed, high feed cost, low productivity 10. Low yield, spawn, straw unavailability, no round the year production, hygiene	• 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 marine fish and prawn • Profitable poultry and duckery • Fish seed production in small ponds • Fish production in low saline coastal zone

			11. Unutilised orchard inter space, lack of awareness on enterprise	• 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

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2019) for its development and action plan

Name of village	**Block**	**Action taken for development**
Otekera, Sanabhimdaspur, Bhagalpur Kanhupur, Jipur , Bhutpada, Biswanathapur Dubduba, Panchukera, Jayapur, Nuasahi	Satyabadi	OFT, FLD, Training, Awareness, Advisory Soil & Water test, Extension Activities. Establishment of mushroom and apiary unit under ARYA project
Gopalpur, Dalabhanapur, Gadachandpur Katunia,Gadatotihan,Gadabadaput, Resinga, Samakula,	Nimapara	OFT, FLD, Training, Awareness, Advisory Soil & Water test, Extension Activities, Mushroom, pisciculture and Poultry activities under ARYA project
Othaka	Kakatpur	OFT,FLD, Training, Awareness , Advisory Soil & Water test, Extension Activities
Adhangapada, Kunjara Sultannagar Suhagpur, Mahari pokhari, Barundi, Podagun	Pipili	OFT, FLD, Training, Awareness, Advisory Soil & Water test, Extension Activities Training and CFLD, Establishment of mushroom and Apiary unit under ARYA project
Panashapada	Krushnaprasad	OFT,FLD, Training, Awareness , Advisory Soil & Water test, Extension Activities

Oruali,Sama	Gop	OFT,FLD, Training, Awareness , Advisory Soil & Water test, Extension Activities, poultry activities under ARYA project
Arala	Sadar	OFT,FLD, Training, Awareness , Advisory Soil & Water test, Extension Activities
Gobindpur, Singhbrahmapur	Delanga	Mushroom, pisciculture activities under ARYA project
Tulashichura, Gopinathpur , Bira narasinghpur	Puri Sadar	Establishment of mushroom and Apiary unit under ARYA project

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
13.	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
	11		9	3	2	0	72	21	83	24	107	21	21	166	22	8	6	2	93	35	121	45	166

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
81	81	1952							1268	684	1952	600	626	65000	8647	5648	1921	877	37474	15410	48042	21935	69977

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
102	102	10372	10372

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
78150	78150	196	196

* 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	24	24					
News letter	3	1500					
Popular Articles	2	-					
Book Chapter							
Extension Pamphlets/ literature	11	2852					
Technical reports	62	62					
Electronic Publication (CD/DVD etc)	4	4					
TOTAL	**106**	**4442**					

Sl.No.	Item	No.	No. of copies printed
1	Book/ Booklet	7	792
2	Leaflets	4	2060
3	Poster/Flex	63	63
4	News letter	3	1500
5	News paper Coverage	6	-
6	Popular Articles	2	-
7	Technical bulletins	24	24
8	Technical report	62	62
9	Training material	46	1160
10	Year planner	-	-
11	CDs/ DVDs	4	4
	Total	**221**	**5665**

1 Achievements on technologies assessed and refined

OFT-1
(Kharif-2019)

1.	**Title of On farm Trial**	**Assessment of submergence tolerant rice variety in Kharif**		
2.	**Problem diagnosed**	**Lower yield due to less tolerant of local varities to waterlogging**		
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Assessed** **TO_1: Swarna Sub 1** **TO_2: CR 1009 sub 1**		
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	**TO_1**: NRRI, Cuttack, Odisha,2014 **TO_2:** TNAU, Tamilnadu, 2015		
5.	**Production system and thematic area**	**Paddy-pulse, varietal evaluation**		
6.	**Performance of the Technology with performance indicators**		**TO_1**	**TO_2**
		Yield (q/ha)	**41.2**	**43**
		B:C Ratio	**1.6**	**1.72**
7.	**Final recommendation for micro level situation**	**TO_2 performed well with 43q/ha yield**		
8.	**Constraints identified and feedback for research**	**-**		
9.	**Process of farmers participation and their reaction**	**Group meeting, interactive discussion, training, method demonstration**		

Thematic area: varietal evaluation

Problem definition: **Assessment of submergence tolerant rice variety in Kharif**
Technology assessed:

TO_1: Swarna Sub 1

TO_2: CR 1009 sub 1

Table:

		Yield component						

Technology option	No. of trials	No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)	Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP-swarna		7-8			Medium-high	35	36250	50750	14000	1.4
TO_1- swarna sub 1	7	13-14			Low-medium	41.2	37337.5	59740	22680	1.6
TO_2- CR 1009 sub 1		14-15			Low-medium	43	36250	62350	25200	1.72

OFT-2 Agronomy
(Kharif-2019)

1.	**Title of On farm Trial**	**Assessment of Salt tolerant paddy variety**
2.	**Problem diagnosed**	**Unavailabity of paddy varieties suitable for salinity, low yield from local variety**
3.	**Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)**	**Assessed** **T O_1 -Luna Suvarna** **T O_2 - rice variety Luna Sampad** **T O_3 –rice variety Luna Barial** **T O_4 – rice variety Luna Sakhi**
4.	**Source of Technology (ICAR/ AICRP/SAU/other, please specify)**	NRRI, Cuttack, Odisha,2014

5.	**Production system and thematic area**	**Paddy-pulse, IPM**
6.	**Performance of the Technology with performance indicators**	**Yield (q/ha), B:C Ratio**
7.	**Final recommendation for micro level situation**	**TO_1 & TO_2 both performed well with less difference in yield**
8.	**Constraints identified and feedback for research**	**-**
9.	**Process of farmers participation and their reaction**	**Group meeting, interactive discussion, training, method demonstration**

Thematic area: varietal evaluation

Problem definition: **Assessment of Salt tolerant paddy variety**

Technology assessed:

T O_1 - Luna Suvarna
T O $_2$ - Luna Sampad
T O $_3$ – Luna Barial
T O $_4$ – Luna Sankhi

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.)						
FP- Medi		9-10			High	16.8	16500	21840	5340	1.32
TO_1- Luna Suvarna	39	12-13			Low-medium	39.1	32500	50830	18330	1.56
TO_2- Luna Sampad		10-11			Low-medium	38.7	32500	50310	17810	1.54
TO_3 –Luna Barial		10-11			Low-medium	38.5	32500	50050	17550	1.54
TO_4–Luna Sankhi		7-8			Low-medium	35	32500	45500	13000	1.4

OFT-3 (Plant Protection)
Rabi-Summer (2018-19)

1.	**Title of On farm Trial**	**Assessment of Stem borer management in Summer Rice**
2.	Problem diagnosed	Low yield in rice due to heavy incidence of rice stem borer
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO_1: Nursery treatment with carbofuran 3G@ 1.5 a.i./ha + alternate spraying of fipronil 5EC @ 2ml/tr and neem oil 3000ppm @ 3ml/ ltr water at 15 days interval 55 DAT+release of T. chilonis@ 50,000/ha twice 7 days after spraying TO_2: Nursery treatment with cartap hydrochloride 4G@ 0.8 kg a.i. per hactare, + alternate spraying of neem oil 3000ppm and Indoxacarb 18.5SL@1ml/litre at 55DAT + twice release of T. chilonis @ 50,000/ha 7days after spraying
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT
5.	Production system and thematic area	IPM
6.	Performance of the Technology with performance indicators	Yield (q/ha), B.C ratio
7.	Final recommendation for micro level situation	TO2 is recommended as 83.5% of less white ear head was observed than farmers' practice
8.	Constraints identified and feedback for research	Evaluation of efficacy of new generation chemicals against lepideptoran insect. Availability of trichocards at panchayat level

9.	Process of farmers participation and their reaction	Group meeting, interactive discussion, training, Field day

Thematic area: *IPM*

Problem definition: Low yield in rice due to heavy incidence of rice stem borer

Technology assessed: TO_1: Nursery treatment with carbofuran 3G@ 1.5 a.i./ha + alternate spraying of fipronil 5EC @ 2ml/tr and neem oil 3000ppm @ 3ml/ ltr water at 15 days interval 55 DAT+release of T. chilonis@ 50,000/ha twice 7 days after spraying

TO_2: Nursery treatment with cartap hydrochloride 4G@ 0.8 kg a.i. per hactare, + alternate spraying of neem oil 3000ppm and Indoxacarb 18.5SL@1ml/litre at 55DAT + twice release of T. chilonis @ 50,000/ha 7days after spraying

Table:

Technology option	No. of trials	Yield component		No of white ear head/sq.m	Change in Parameter(%)	% of dead heart	Change in Parameter(%)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Yield (q/ha)	% Change in Yield								
FP	5	46.5		4.2		8.43		40000	58400	18400	1.46
TO_1	5	59.2	27.3.	0.77	81.6	2.58	65.83	44460	74296	29836	1.67
TO_2	5	61.3	31.8	0.69	83.5	2.28	72.95	45000	76950	31950	1.71

Results:



white ear head




white ear head

OFT-4 (Plant Protection)
Rabi-Summer(2018-19)

1.	**Title of On farm Trial**	**Assessment of Integrated leaf miner management in Tomato**
2.	Problem diagnosed	Low yield in Tomoto due to heavy incidence of leaf minor
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO_1 : Removal of alternate host, growing of seedlings in protected cultivation, pruning of affected leaves from the beginning, placing of plastic trays @10-12/ha at the base of the plant for monitoring and alternate spraying of Cartap hydrochloride 50 SP @ 2gm/ ltr of water & Spinosad 45 SC @ 1ml/ 3 ltr of water at 10 days interval TO_2 : Removal of alternate host, growing of seedlings in protected condition, pruning of affected leaves from the beginning, placing of plastic trays@10-12/ha at the base of the plant for monitoring and alternate spraying of Abamectin @1.4ml/lt & Cyramazine
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Kerla Agriculture Univ., 2015
5.	Production system and thematic area	Rice-Vegetable , IPM
6.	Performance of the Technology with performance indicators	No of mines / plant – TO_1- 0.82, TO_2-0.63
7.	Final recommendation for micro level situation	TO_2 is recommended due to low incidence of leaf miner and increased net income compared to farmers' practice
8.	Constraints identified and feedback for research	Identification of parasites & predators of invasive pest & development of tolerant variety & biopesticide for management of miner
9.	Process of farmers participation and their reaction	Group meeting, interactive discussion, training, Field day

Thematic area: IPM
Problem definition: Low yield in Tomoto due to heavy incidence of leaf minor
Technology assessed:
TO-1: Removal of alternate host, growing of seedlings in protected cultivation, pruning of affected leaves from the beginning, placing of plastic trays @10-12/ha at the base of the plant for monitoring and alternate spraying of Cartap hydrochloride 50 SP @ 2gm/ ltr of water & Spinosad 45 SC @ 1ml/ 3 ltr of water at 10 days interval

TO-2: Removal of alternate host, growing of seedlings in protected condition, pruning of affected leaves from the beginning, placing of plastic trays@10-12/ha at the base of the plant for monitoring and alternate spraying of Abamectin @1.4ml/lt & Cyramazine

Table:

Technology option	No. of trials	Yield component			Change in parameter (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
			No. of mines /plant							
FP		-	5.41	-	-	305	107456	213500	106044	1.98
TO_1		-	0.82	-	84.84	342	111615	239400	127785	2.14
TO_2		-	0.63	-	88.35	369	114145	258300	144155	2.26

Results:

Trial on Integrated leaf miner management in Tomato

OFT- 5 (Agriculture Engineering)
Rabi-Summer (2018-19)

1.	**Title of On farm Trial**	**Assessment of Tractor drawn Multi crop Seed cum Fertilizer drill for sowing of Greengram**
2.	Problem diagnosed	Low yield due to improper plant population
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment TO_1-Use of Powertiller drawn multicrop Seed cum Fertilizer drill TO_2- Use of Tractor drawn multicrop Seed cum Fertilizer drill
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on FIM, CAET,OUAT

5.	Production system and thematic area	Rice-Greengram , Farm mechanization
6.	Performance of the Technology with performance indicators	Cost of Operation (Rs/ha) TO_1 –Rs.1797/- TO_2-Rs.1614/-
7.	Final recommendation for micro level situation	Land preparation with Rotavator and optimum moisture content in soil is essential before operating the Seed cum fertilizer drill for sowing of Greengram.
8.	Constraints identified and feedback for research	Standardising the optimum moisture content of soil at which the seed drill needs to be operated particularly for Greengram / Blackgram sowing
9.	Process of farmers participation and their reaction	Group meeting, interactive discussion, training, Field day

Thematic area: Farm Mechanization

Problem definition: Low yield due to improper plant population

Technology assessed: TO_1 -Use of Powertiller drawn multicrop Seed cum Fertilizer drill

TO_2 - Use of Tractor drawn multicrop Seed cum Fertilizer drill

Table:

Technology option	No. of trials	Yield Component			Parameter (Cost of operation Rs/ha)	Yield(q/ha)	Cost of Cultivation (Rs/ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	05	-	-	-	2070	5.4	16500	27000	10500	1.63
TO_1	05	-	-	-	1797	5.9	16120	29500	13380	1.83
TO_2	05	-	-	-	1614	6.1	16223	30500	14277	1.88

Results:




Trial on Tractor drawn Multi crop Seed cum Fertilizer drill for sowing of Greengram

OFT-6 (Agriculture Engineering)
Kharif-2019

1.	Title of On farm Trial	Assessment of Tractor drawn Whole straw Paddy thresher for bundle straw production
2.	Problem diagnosed	High demand of bundle straw for mushroom production. Large scale use of Tractor drawn axial flow thresher and combine harvester in paddy leads to loose straw production which in turn reduces the availability of bundle straw.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed TO-1: Use of Power thresher cum Winnower – Electricity operated - Paddy bundle is held in hands and ear head portion of the crop is placed on the rotating cylinder. The wire-loops hit the ear heads and grain get detached. TO-2: Whole paddy bundles are carried horizontally towards the threshing unit. Only the earhead are threshed and the bundles as such discharged from the other end.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on FIM, CAET, OUAT.
5.	Production system and thematic area	Rice-Greengram , Farm mechanization
6.	Performance of the Technology with performance indicators	Threshing capacity(q/h) TO_1- 1.3, TO_2 -7.5
7.	Final recommendation for micro level situation	Tractor drawn Whole straw Paddy Thresher is a suitable machinery for mushroom farmers as it can provide huge quantity of Paddy straw bundles in less time using less labour.
8.	Constraints identified and feedback for research	A little modification is needed in cleaning section of Thresher to get clean chaff free paddy grain.
9.	Process of farmers participation and their reaction	Group meeting, interactive discussion, training and demonstration

Thematic area: Farm Mechanization

Problem definition: High demand of bundle straw for mushroom production. Large scale use of Tractor drawn axial flow thresher and combine harvester in paddy leads to loose straw production which in turn reduces the availability of bundle straw.

Technology assessed: TO_1: Use of Power thresher cum Winnower – Electricity operated - Paddy bundle is held in hands and ear head portion of the crop is placed on the rotating cylinder. The wire-loops hit the ear heads and grain get detached.

TO_2: Whole paddy bundles are carried horizontally towards the threshing unit. Only the earhead are threshed and the bundles as such discharged from the other end.

Table:

Technology option	No. of trials	Yield Component			Parameter (Cost of operation Rs/q)	Output (q/h)	Cost of Cultivation (Rs/ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	05	-	-	-	158.50/-	0.35	40000	65250	25250	1.63
TO_1	05	-	-	-	103.20/-	1.3	37512	65250	27738	1.73
TO_2	05	-	-	-	96/-	7.5	37188	65250	28062	1.75

Results:

Farmer Practice

Trial on Tractor drawn Whole straw Paddy Thresher for bundle straw production

OFT-7(Fishery Science)
Kharif 2019

1.	Title of On farm Trial	Assessment of growth performance of Java Punti (*P. gonionotus*) within three species IMC culture
2.	Problem diagnosed	Low fish yield from existing IMC culture only
3.	Details of technologies selected for assessment/refinement	TO_1 - Stocking ratio of Catla:Rohu:Mrigal:Java Punti::3:4:3:1 TO_2 - Stocking ratio of Catla:Rohu:Mrigal:Java Punti::3:4:3:2

	(Mention either Assessed or Refined)	
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CIFA, BBSR,2004
5.	Production system and thematic area	Production & management
6.	Performance of the Technology with performance indicators	Additional income, Yield (q/ha), B.C ratio
7.	Final recommendation for micro level situation	Intercropping of Java Punti in TO_2 resulted more fish yield and additional income
8.	Constraints identified and feedback for research	Difficulty in getting JavaPunti seeds. More emphasis to be given on Java Punti seed production
9.	Process of farmers participation and their reaction	Group meeting, interactive discussion, training, Field day

Thematic area: production & management

Problem definition: Low fish yield from existing IMC culture only

Technology assessed: TO_1 - Stocking ratio of Catla:Rohu:Mrigal:Java Punti::3:4:3:1

TO_2 - Stocking ratio of Catla:Rohu:Mrigal:Java Punti::3:4:3:2

Table:

Technology option	No. of trials	Yield component			Avg. body wt. of Punti (kg)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	7	-	-	-	-	28.83	146140	317130	170990	2.17
TO_1	7	-	-	-	0.225	36.60	170590	402600	232010	2.36
TO_2	7	-	-	-	0.230	37.15	171700	408650	236950	2.38

Results:

OFT-8 (Fishery Science)
Kharif 19

1.	Title of On farm Trial	Assessment of growth performance of Amur carp , *Cyprinus carpio haematopterus* in carp polyculture
2.	Problem diagnosed	Slow growth rate of common carp affects the average yield from composite carp culture
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO_1 - Stocking of Catla:Rohu:Mrigal:Amur carp= 3:4:2:1 TO_2 - Stocking of Catla:Rohu:Mrigal:Amur carp= 3:4:1:2
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	NFDB News letter, 2016
5.	Production system and thematic area	Production & management
6.	Performance of the Technology with performance indicators	Additional income, Yield (q/ha), B.C ratio
7.	Final recommendation for micro level situation	Amur carp stocked 20 % extra in TO_2 resulted more yield and additional income
8.	Constraints identified and feedback for research	More emphasis should be given for Amur carp breeding for getting adequate fingerlings
9.	Process of farmers participation and their reaction	Group meeting, interactive discussion, training, Field day

Thematic area: Production & management
Problem definition: Slow growth rate of common carp affects the average yield from composite carp culture
Technology assessed: TO_1 - Stocking of Catla:Rohu:Mrigal:Amur carp= 3:4:2:1
TO_2 - Stocking of Catla:Rohu:Mrigal:Amur carp= 3:4:1:2

Table:

Technology option	No. of trials	Yield component			Avg. body wt. of Amur carp (kg)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	7	-	-	-		29.68	1,46,400	3,26,480	1,80,080	2.23
TO_1	7	-	-	-	0.680	33.35	1,52,210	3,66,850	2,14,640	2.41
TO_2	7	-	-	-	0.690	34.25	1,55,040	3,76,750	2,21,710	2.43

Results:

OFT-9 (Home Science)
Kharif-2019

1.	Title of On farm Trial	**Assessment of packaging practices of Paddy straw mushroom**
2.	Problem diagnosed	Distress Sale and low income due to short shelf life
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Unwashed fresh fruit bodies in bud stage in polythene bags TO_1:Fresh Mushrooms Buds washed with potassium meta bisulphite (KMS 0.1% and o.1% citric acid,) for 10 minutes and allowed to air dry on muslin cloth for

		30 min and then packed in perforated polypropylene bags punched with 10 holes stored at room temperature TO_2:Fresh Mushrooms Buds treated with potassium meta bisulphite (KMS 0.1% and o.1% citric acid,) for 10 minutes and allowed to air dry on muslin cloth for 30 min and then packed in paper Bags punched with 10 holes (0.5 cm diameter) stored at room temperature
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	PAU,2010
5.	Production system and thematic area	Coconut Orchard intercropping (Outdoor) And Value Addition
6.	Performance of the Technology with performance indicators	Sensory Evaluation, Weight loss (%), Shelf life (Hours)
7.	Final recommendation for micro level situation	The mushrooms packed in paper bags at room temperature were found to be the best in colour, texture and odour in KMS 0.1% treatments and mushrooms stored in sealed polypropylene bags were unfit for consumption after 24 hrs at room temperature.
8.	Constraints identified and feedback for research	The mushrooms packed in paper bags at room temperature were found to be the best but the preparation of paper bags is very costly (Rs.8/Bag) and huge nos. bags availability is a problem. The no. of wholes in paper bags should be increased for longer self life.
9.	Process of farmers participation and their reaction	Farmers appreciated the technology and suggested to involve the SHGs to make the paper bags in huge quantity with low cost.

Thematic area: Value Addition

Problem definition: Paddy straw mushroom has a very short postharvest shelf life because of its highly perishable nature. It is highly nutritive and very delicious. Short shelf life and increased production necessitates development of different packaging practices to increase profitability. Hence, there is an urgent need to enhance the self life of mushroom to decrease the distress sale and avoid the use of polythene.

Technology assessed: **Assessment of packaging practices of Paddy straw mushroom**

Technology options	**No. of Trials**	**Appearance after 2 days**					**Weight loss (%)**		**Net Income/Bed**	**Additional Income/Bed**
		Colour	**Texture**	**Odour**	**Consumability**	**Overall acceptability**	**(24 hr)**	**(48 hr)**		
FP	10	+3	+3	+3	+3	+3	30	40	Rs.70/bed	-
TO_1	10	+2	+2	+2	+1	+2	2	10	-	-

TO_2	10	+4	+4	+4	+4	+4	10	40	Rs.80/Bed	Rs.10/Bed

Appearance	**Colour**	**Texture**	**Odour**	**Consumability**	**Overall acceptability**
	+4 creamy +3 mousy +2 brown +1 dark brown	+4 smooth +3 wrinkled +2 pulpy +1 unacceptable	+4typical fresh mushroom +3 dry powdery +2 off smell +1 pungent	+4 readily acceptable +3 acceptable +2 not acceptable +1 unacceptable	+4 excellent +3 good +2 poor +1 bad

Results:

The mushrooms packed in paper bags at room temperature were found to be the best in colour, texture and odour in KMS 0.1% treatments. The results indicated that the mushrooms can be kept fresh in paper bags upto 48 hours (2 days) at room temperature and storage of mushrooms in polypropylene bags should be avoided. However, significant weight loss has been observed during storage period leaving mushrooms tough and dried after two days of storage.

Trials on Mushroom Packaging practices

OFT-10 (Home Science)
Kharif-2019

1.	Title of On farm Trial	**Assessment of different media for nursery raising of quality Tomato seedling production**
2.	Problem diagnosed	Low income of farm women due to under utilization of Coco-Peat for Nursery raising
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP:Use of FYM+ Sand+ Soil(1:1:1) for seedling raising TO_1:The seedling tray (pro tray) is filled with the growing medium (moistened coco peat). One seed per cell is sown and covered with medium. The entire stack of 10 protrays will be covered using polyethylene sheet to ensure conservation of moisture until germination. The seedlings would be ready in about 21-30 days for transplanting to the main field. TO_2: Use of Arka Fermented Cocopeat for raising seedlings
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO_1:CIWA, Bhubaneswar http://icar-ciwa.org.in/gks/index.php/wft/113-protrayseedling TO_2: IIHR, Bangalore https://iihr.res.in/production-technology-arka-fermented-coco-peat
5.	Production system and thematic area	Homestead And Income Generation
6.	Performance of the Technology with performance indicators	Germination (%),Root Length (mm), Shoot Length(mm) No. of Leaves/Plant after 30 days
7.	Final recommendation for micro level situation	Better germination and vigorous uniform seedlings Seedling raised on this growth media attain early transplantation maturity
8.	Constraints identified and feedback for research	Availability of AFC at farmer's doorstep is difficult. Training and inputs for AFC preparation needed for wider adoption.
9.	Process of farmers participation and their reaction	Good performance of seedlings in the nursery translates into better field establishment of crop.

Thematic area: Income generation

Problem definition: Poor nutrition for seedlings at the juvenile stage may result in growth and developmental defects, poor establishment of seedlings on the field, slow growth, reduced survival percentage etc.

Technology assessed: **Assessment of different media for nursery raising of quality vegetable seedling production**

Table:

Technology option	No. of trials	Seedlings after 30 days			No. of Leaves/ Plant after 30 days	Cost of cultivation (Rs./ Protray)	Gross return (Rs./ Protray)	Net return (Rs./ Protray)	BC ratio
		Germination (%)	Root Length (mm)	Shoot Length (mm)					
FP	10	87	34	82.9	3	55	85	30	1.54
TO_1	10	92	34.4	87.6	4	87	180	93	2.06
TO_2	10	99	37.9	89.3	4	78	194	116	2.48

Results:

The maximum growth parameters such as shoot length, root length, and no. of leaves (89.3 mm, 37.9 mm and 4) were observed at 30 days aged seedlings with Arka Fermented coir pith media. The minimum growth parameters (82.9 mm, 34 mm and 3 respectively) were observed with farmer practice for the same day of aged seedlings. The maximum germination was found to be 99 per cent with coir pith and the minimum was 87per cent in farmer's practice. Hence, Arka fermented coir pith was found as suitable growth media for growing of tomato seedlings.



Trials on different media for nursery raising

OFT 11: (Extension)

Started in Rabi 2019 in the month December

i.	Title of On farm Trial	**Assessment of different planting time for better market price of Tomato**
ii.	Problem diagnosed	Distress sale of Tomato in rabi season
iii.	Thematic area	Market led extension
iv.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Farmers generally plant the seedling in the month of October TO_1:Planting of seedling 15 days before onset of normal planting period TO_2:Planting of seedling 15 days after completion of normal planting period
v.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	

Vi	Production system and thematic area	
Vii	Performance of the Technology with performance indicators	Plant height, no of fruits/plant, fruit weight, disease & pest incidence, market price
Viii	Final recommendation for micro level situation	Both the planting time will reduce the distress sale by reducing the market glut
Ix	Constraints identified and feedback for research	Continuing
X	Process of farmers participation and their reaction	Continuing

Thematic area: Market led extension

Problem definition: Distress sale of Tomato in rabi season

Technology assessed: FP: Farmers generally plant the seedling in the month of October

TO_1:Planting of seedling 15 days before onset of normal planting period

TO_2:Planting of seedling 15 days after completion of normal planting period

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.)						
Continuing										

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 area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1	Paddy (Kharif-2019)	IWM	Demonstration of herbicides for weed management in transplanted rice during kharif	2	2	1	0	0	0	7	0	8	0	8	
2	Paddy (Kharif-2019)	Varietal Evaluation	Demonstration of salt tolerant paddy variety Luna Suvarna	2.0	0.6	0	0	0	0	8	0	8	0	8	Unavailability of seed
3.	Paddy (Kharif-2019)	IDM	Demonstration of Integrated management of sheath blight	1.0	1.0	0	0	0	0	10	0	10		10	

Details of farming situation

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

Paddy	Kharif	RF	Clay loam	261	17.3	117					
Paddy	Kharif	RF	Sandy loam	219	11	95					
Paddy	Kharif	RF	Clay loam	246	11.08	135					

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.

		
Weed management in transplanted rice	**Saline tolerant variety Luna Suvarna**	**Integrated management of sheath blight in paddy**

Performance of FLD

Oilseeds: NA

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
Greengram (Completed in April-2019)	IDM	**YMV management in Greengram** Seed treatment with Imidacloprid 600FS@5ml/kg seed,Instalation of YST@25/ha, alternate spraying of Neem oil (300ppm)@2.5ltr/ha and Difenthiuron 50% WP@ 500gm/ha at 10 days interval at 40 DAS	10	1.0	7.6	5.8	66.37	20700	38000	13500	1.83	18500	29000	8500	1.56
	Total		10	1.0	7.6	5.8	66.37	20700	38000	13500	1.83	18500	29000	8500	1.56

* 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

YMV in Greengram

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

Chilli (Completed in April-2019)	IPM	Integrated management for thrips & mites in Chilli Soil application of neem cake @2.5 qt/ha,Installation of Blue sticky traps @50nos/ha, & need based application of Difenthiuron @1gm/lt & Spiromesifen 240 SC @ 0.6ml/ lit alternately at 10 days interval	10	1.0	230	186	23.65	No of thrips/plant 2.6	No of thrips/plant 7.42	67200	138000	70800	2.05	62365	111600	49235	1.78

Cabbage (Completed in March 2019)	IPM	Integrated management of DBM in Cabbage Growing of Mustard as trap crop in 16:1 ratio 15 DBT of main crop + pheromone trap 25/Ha + Alternate spraying of NSKE 5% and Spinosad 45 SC @125ml/ha	10	1.0	264.1	225.8	16.96	No of larvae/plant- 0.76	No of larvae/plant- 3.36	78182	171665	93483	2.19	72687	146770	74083	2.01
Banana (Kharif-2019)	IDM	Sigatoka disease management in Banana Alternate spraying of Bordeaux mixture 1% and (Tebuconazole 50WG + Trifloxystrobin 25WG) @ 200gm/ha at 15 days interval with additional dose of 25% potash	5	1.0	314.6	257.8	22			182275	440440	258165	2.41	173000	360920	187920	2.08

Pointedgourd (Completed in April 2019)	Production management	Artificial pollination in Pointed gourd to enhance fruit setting Artificial pollination (Plucking male flowers, collection of pollens, diluting with water, sieving using a net & pollinating female flowers	5	0.4	130.6	96.2	34.4	No.of fruits/plant	No.of fruits/plant	223040	492000	286960	2.20	211050	382000	170950	1.81
Watermelon (Completed in March2019)	Production Management	Watermelon seedling raising in polythene to avoid late planting after late harvest of Paddy Sowing in the polythene in the 1st week of December and transplanting in the main field (25-30 days)	5	0.4	256	230	11.3	No. of fruits/plant 3.8	No. of fruits/plant 2.6	82400	179200	96800	2.17	72000	126500	54500	1.75

	Total	35	3.8	

Thrips & mites in Chilli

DBM in Cabbage

Sigatoka disease management in Banana

Artificial pollination in pointed gourd for higher yield

Demonstration on portray raising of seedlings to avoid late planting of water melon

Livestock

Category	Thematic	Name of the	No. of	No.of units	Major parameters	% change	Other parameter	*Economics of demonstration (Rs.)	*Economics of check (Rs.)

	area	technology demonstrated	Farmer		Demonstration	Check	in major parameter	Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry (Completed one Batch in December 2019)	Poultry Production	Artificial brooding management of chicks	10	2 (200 Banaraja Chicks /Unit)	Avg. Body Wt/21 days-176g/ bird	Avg. Body Wt/21 days-135g/ bird	30.37	Chick mortality rate during brooding period-3%	Chick mortality rate during brooding period-18%	9210 /Unit	11640 /Unit	2430 /Unit	1.26	7180 /Unit	8200 /Unit	1020 /Unit	1.14
Sheep and goat																	
Duckery																	
Others (pl.specify)																	

Total			10	2 (200 Banaraja Chicks /Unit)													

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

Category	**Thematic area**	**Name of the technology demonstrated**	**No. of Farmer**	**No. of units**	**Major parameters**		**% change in major parameter**	**Other parameter**		***Economics of demonstration (Rs.)**				***Economics of check (Rs.)**			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Fish (IMC) (Completed in March 2019)	Production & Management	Floating fish feed in Composite fish culture for growth enhancement Application of Floating fish feed @ 1% body weight daily in composite carp culture	5	5	38.70	29.25	32.3	Average body weight of fish (kg)- 0.720	Average body weight of fish (kg)- 0.550	150580	387000	236420	2.57	131165	292500	161335	2.23
Fish (IMC) (Completed in March 2019)	Production & Management	Jayanti Rohu in Composite Carp culture for more yield Stocking of grow out ponds with Catla:Jayanti Rohu:Mrigal fingerlings@ 3000:4000:3000 nos per ha	10	10	33.20	28.75	15.4	Average body weight of fish (kg)- 0.620 Plankton density (ml/50 L)- 2.1	Average body weight of fish (kg)- 0.540 Plankton density (ml/50 L)- 1.6	144350	332000	187650	2.30	132000	287500	155500	2.17

Fish (IMC & Common carp) (Completed in March 2019)	Production & Management	**Yearling stocking for higher fish yield** Stocking Yearlings of Catla, Rohu, Mrigal and Common carp at a ratio of 3:4:2:1 @ 5000 nos/ha with proper pond management practices	10	10	37.15	28.85	28.76	Average body weight of fish (kg)-0.710 Plankton density (ml/50 L)-2.2	Average body weight of fish (kg)-0.580 Plankton density (ml/50 L)-1.7	152880	371500	218620	2.43	129950	288500	158550	2.22
Mussels																	
Ornamental fishes																	
Others (pl.specify)																	
		Total	25	25													

* 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

Floating fish feed in Composite fish culture

Jayanti Rohu in Composite Carp culture

Yearling stocking for higher fish yield

Other enterprises

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

Value addition (Completed in April 2019)	Tomato powder:. Matured Ripe Tomato washed ,cut into slice, and drying in solar dryer. The dried pieces are grinded into powder and sealed in air tight container	10	10	10 kg	700g	-	Moisture content -7% Shelf Life- 2 Month	Shelf Life- 5 days	150	350	200	2.33	60	100	40	1.66
Apiculture (Continuing)	Apiary in coconut orchard: Bee colony (Apis cerena indica) and dearth feeding of sugar and water (1:1) during lean period	05	05	Honey yield / box (1st Yr) 6 Kg	New intervention				2400	3000	600	1.25				
Total		15	15													

* 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

Preparation for Tomato powder

Apiary in Coconut Orchard

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women (Completed in March 2019)	**Nutritional garden for improving nutritional security of farm family** Vegetables(10 Plots): Spinach, Amaranthus, Coriander, Cauliflower, Cabbage, Green Chilli, Radish, Tomato, French Beans, cucurbits in fencing according to the season with Two Papaya Plants ,One Lime, one drumstick and two Banana sucker and floriculture in bunds Support structure: Low cost poly tunnel for seedlings raising+ Trelly structure with PP rope for raising cucurbits+ Vermitank	05	Avg /Capita availability (g/day) - 278	Avg /Capita availability (g/day)- 172	Farm families were aware of nutritional balanced diet and got an additional income of Rs,4592 /annum Improved skill of the farm women helps to increase income in sustainable way. Improved dietary diversity helps to improve the
			Avg.Vegetable Production/ annum(Kg) -364	Avg.Vegetable Production/ annum(Kg) -153	
			Average income(Rs.) -7972	Average income(Rs.) 3380	

					nutritional status of family members
Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					
Infants					

Nutritional garden for improving nutritional security

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		RP		FP		RP	FP	RP	FP

Wheel Cycle Weeder	Groundnut	Wheel Cycle Weeder for intercultural operation in Groundnut A cycle wheel attached for easy operation with shovel type tyne, push pull action	10	1.0	20.2	19.4	4.1	Labour (MDs/ ha) -16		Labour (MDs/ ha) -30		7180/-	8400	1.68	1.58
Dry Land Power Weeder	Banana	Use of Power weeder (4-stroke petrol engine, Capacity – 0.06ha/h). Weeding, hoeing and ridging are possible for the row spacing of 30cm-90cm	10	1.0	2.0M Ds/ha	45M Ds/ha	95.5	02		45		4200	9000	2.32	2.14

*** 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**

FP-Use of Spade

RP- Use of Wheel Cycle Weeder

Dry land Power Weeder in Banana Orchard

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										
Greengram										
Blackgram										
Bengalgram										
Redgram										
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
	Paddy	No symptom was noticed after 1st spraying & no of tillers increased /hill in demonstration plot of Sheath blight in low land transplanted rice
	Greengram	Low incidence of YMV was observed at 30 DAS after treatment in demo plot
	Watermelon	Watermelon seedling raising in polythene to avoid late planting after late harvest of Paddy gives Rs42,300/- of additional income than FP
	Power weeder	Power weeder is suitable for weeding and hoeing in wide space crop like brinjal, banana, tomato but not suitable for close spacing crop like cabbage cauliflower etc.
	Nutritional garden	Adoption of this backyard organic nutritional garden at household enhances access to vegetables & fruits increases skill sets in usage of sustainable agricultural practices and utilization of nutria-dense foods and also provides additional income generation activities and such model can be promoted for replication in similar ecological and social condition.
	Groundnut	Cycle weeder can only be used in line sown grondnut crop after 15,30 & 45 days of sowing .In cases where groundnut is sown behind the bullock drawn plough it can be operated only in between 15-25 days of sowing
	Fish	Feed loss is minimized and fish yield is increased by more than 30% by use of floating feed
	Fish	High yield due to more growth rate of Jayanti Rohu than normal Rohu.
	Fish	Stocking of Yearlings of IMC enhances 28% more yield & less mortality of fish
	Poultry(Brooding Management)	Higher body weights of males than females from 0 to 21 weeks of age, which is in artificial brooding management system results better under field conditions with less mortality.
	Bee Keeping	Farm women got additional income from coconut orchard

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	Jan-Dec 19	21	1050	Field days of FLD Programmes
2.	Farmers training	31.1.2019	1	25	Title-Scientific Production management of watermelon
		11.3.2019	1	25	Value addition in Tomato
		29.3.2019	1	25	Apiary in Coconut Orchard
		3.12.2019	1	25	Title-Brooding Management in Backyard Poultry
		11.01.2019	1	25	Operation and maintainance of seed cum fertilizer drill
		15.07.2019	1	25	Training on technique of mat type seedling raising for using transplanter
		14.08.2019	1	25	Training on Operation of power weeder

		18.09.2019	1	25	Training on Laying of mulch film on pointed gourd
		07.08.19	1	25	Training on management of sheath blight in paddy
		05.11.19	1	25	Training on sigatoka disease management in banana
		19.9.19	1	25	Production Technology of rice in saline soil
		25.10.19	1	25	Mode of action & sequence of application of Herbicides
		25.11.19	1	25	Techniques of fish feed preparation
3.	Media coverage				
4.	Training for extension functionaries				

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Rabi 2019-20:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Blackgram	Local(saved seed)	5.4	-40	-82	458	PU-31 + Cluster Demonstration on Blackgram (Seed treatment with *Imidachloprid (Gauch)* @5ml/kg of seed and inoculation with Rhizobium@ 20 gm/kg of seed), Redomil gold 280gm/acre, Dinetofuran 80gm/acre, yellow sticky Trap	75	30	8.1	6.82	7.6			48.03

							16nos./ha, Neem oil 1500ppm @ 1.5lit/ha DAP(2% spray)								
2	Greengram	Local(saved seed)	5.5	-100	-73	357	IPM-02-14 + Cluster Demonstration on Greengram (Seed treatment with *Imidachloprid (Gauch)* @5ml/kg of seed and inoculation with Rhizobium@ 20 gm/kg of seed), Redomil gold 280gm/acre, Dinetofuran 80gm/acre, yellow sticky Trap 16nos./ha, Neem oil 1500ppm @ 1.5lit/ha DAP(2% spray)	75	30	8.11	6.2	7.2			47.61

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	PU-31 + Cluster Demonstration on Blackgram (Seed treatment with *Imidachloprid(Gauch)* @5ml/kg of seed and inoculation with Rhizobium@20 gm/kg of seed), Redomil gold 280gm/acre,	16300	27000	10700	1.65	20213.9	38000	17786.1	1.87

	Dinetofuran 80gm/acre, yellow sticky Trap 16nos./ha, Neem oil 1500ppm @ 1.5lit/ha DAP(2% spray)								
2	GREENGRAM IPM-02-14+ Cluster Demonstration on Greengram (Seed treatment with *Imidachloprid(Gauch)* @5ml/kg of seed and inoculation with Rhizobium@20 gm/kg of seed), Redomil gold 280gm/acre, Dinetofuran 80gm/acre, yellow sticky Trap 16nos./ha, Neem oil 1500ppm @ 1.5lit/ha DAP(2% spray)	16300	27500	11200	1.68	19776.1	36000	16223.9	1.82

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	PU-31 Blackgram (Seed treatment with *Imidachloprid(Gauch)* @5ml/kg of seed and inoculation with Rhizobium@20 gm/kg of seed), Redomil gold 280gm/acre, Dinetofuran 80gm/acre, yellow sticky	760	500	50.00	50	210	livelihood	30

	Trap 16nos./ha, Neem oil 1500ppm @ 1.5lit/ha DAP(2% spray)							
2	Greengram Var IPM-02-14 (Seed treatment with *Imidachloprid(Gauch)* @5ml/kg of seed and inoculation with Rhizobium@20 gm/kg of seed), Redomil gold 280gm/acre, Dinetofuran 80gm/acre, yellow sticky Trap 16nos./ha, Neem oil 1500ppm @ 1.5lit/ha DAP(2% spray)	720	500	50.00	50	170	livelihood	30

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
• Resistance to leaf spot • Resistance to YMV			YMV occurrence is low.

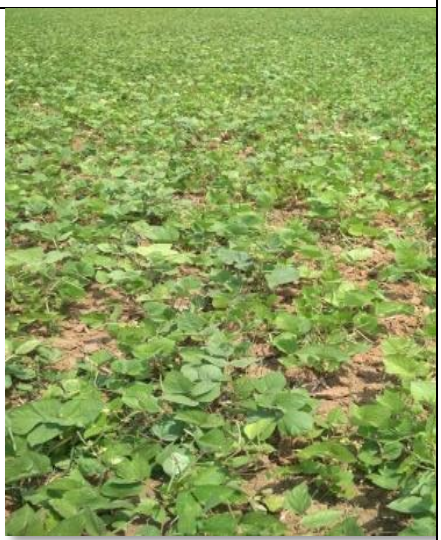
F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	(Training programme) Scientific Production of Blackgram	Jaypur, Satyabadi 02.01.2019	25
2	(Training programme) Fertilizer recommendation on the basis of soil test value	Baulapada, Nimapada 07.01.2019	25
3	(Training programme) Technique of soil sample collection	Dinauddharan, Pipili 27.12.2019	25
4	(Training programme) Scientific Production of greengram	Bharatipur, Pipili 11.1.2019	25

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










H. Farmers' training photographs



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



J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
BLACKGRAM	i) Critical input	243000	249982	-(6982)
	ii) TA/DA/POL etc. for monitoring	9000	8898	102
	iii) Extension Activities (Field day)	7500	7500	
	iv)Publication of literature	7500	8232	-(732)
	Contingencies	3000	3000	
	Total	270000	277612	-(7612)*

* Rs. (-7612)/- has been adjusted in Greengram budget.

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
GREENGRAM	i) Critical input	243000	234890	8110
	ii) TA/DA/POL etc. for monitoring	9000	9102	-(102)
	iii) Extension Activities (Field day)	7500	7500	
	iv)Publication of literature	7500	7896	-(396)
		3000	3000	
	Total	270000	262388	7612

3.3 Achievements on Training (Including the sponsored and FLD training programmes) Jan19-Dec19:

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													

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													
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													

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 (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													

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
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													
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													

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
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													

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 organic inputs													
Planting material production													
Vermiculture													
Mushroom Production													
Beekeeping	1	15	2	17	2	1	3	0	0	0	17	3	20
Sericulture													
Repair and maintenance of farm machinery and implements	1	10	0	10	10	0	10	0	0	0	20	0	20
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries	1	15	2	17	2	1	3	0	0	0	17	3	20
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing	1	16	2	18	2	0	2	0	0	0	18	2	20
Others	1	13	2	15	5	0	5	0	0	0	15	5	20
Total	5	69	8	77	21	2	23	0	0	0	90	10	100

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													
Integrated Nutrient 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
Rejuvenation of old orchards													
Protected cultivation technology													
Production and use of organic inputs													
Care and maintenance of farm machinery and implements	1	15	3	18	2	0	2	0	0	0	17	3	20
Gender mainstreaming through SHGs													
Formation and Management of SHGs	1	2	15	17	0	0	0	0	0	0	2	15	17
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application	2	22	10	32	4	2	6	0	0	0	32	6	38
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other	3	32	7	39	9	6	15	0	0	0	41	9	50
Total	7	71	35	106	15	8	34	0	0	0	92	33	125

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	1	18	4	22	2	1	3	0	0	0	20	5	25
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	1	16	5	21	4	0	4	0	0	0	20	5	25
Micro irrigation/irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	5	64	16	80	27	18	45	0	0	0	91	34	125
Soil & water conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated nutrient Management	1	23	1	24	1	0	1	0	0	0	24	1	25
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	8	121	26	147	34	19	53	0	0	0	155	45	200
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1	12	13	25	0	0	0	0	0	0	12	13	25
Off season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery raising	1	20	5	25	0	0	0	0	0	0	20	5	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Exotic vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0	0	0	0
Others													
Total (a)	2	32	18	50	0	0	0	0	0	0	32	18	50
b) Fruits													
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	14	11	25	0	0	0	0	0	0	14	11	25
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (b)	1	14	11	25	0	0	0	0	0	0	14	11	25
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (c)	0	0	0	0	0	0	0	0	0	0	0	0	0
d) Plantation crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (d)	0	0	0	0	0	0	0	0	0	0	0	0	0
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (e)	0	0	0	0	0	0	0	0	0	0	0	0	0
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (f)	0	0	0	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (g)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total(a-g)	3	46	29	75	0	0	0	0	0	0	46	29	75
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance Use of fertilizer	1	24	0	24	1	0	1	0	0	0	25	0	25
Soil & water testing	0	0	0	0	0	0	0	0	0	0	0	0	0
others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	24	0	24	1	0	1	0	0	0	25	0	25
IV. Livestock Production and Management													
Dairy Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed & fodder technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing & cooking	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	1	0	25	25	0	0	0	0	0	0	0	25	25
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	2	0	43	43	0	7	7	0	0	0	0	50	50
Women empowerment	4	13	84	97	0	3	3	0	0	0	13	87	100

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
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	2	0	38	38	0	12	12	0	0	0	0	50	50
Total	**9**	**13**	**190**	**203**	**0**	**22**	**22**	**0**	**0**	**0**	**13**	**212**	**225**
VI. Agril. Engineering													
Farm machinery & its maintenance	4	60	1	61	39	0	39	0	0	0	99	1	100
Installation and maintenance of micro irrigation systems	1	18	4	22	1	2	3	0	0	0	19	6	25
Use of Plastics in farming practices	2	28	18	46	3	1	4	0	0	0	31	19	50
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	2	26	8	34	10	6	16	0	0	0	36	14	50
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**9**	**132**	**31**	**163**	**53**	**9**	**62**	**0**	**0**	**0**	**185**	**40**	**225**
VII. Plant Protection													
Integrated Pest Management	6	89	26	115	25	10	35	0	0	0	114	36	150
Integrated Disease Management	2	39	9	48	2	0	2	0	0	0	41	9	50
Bio0control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others													
Total	**8**	**128**	**35**	**163**	**27**	**10**	**37**	**0**	**0**	**0**	**155**	**45**	**200**
VIII. Fisheries													
Integrated fish farming	1	21	2	23	2	0	2	0	0	0	23	2	25
Carp breeding and hatchery management	1	23	1	24	1	0	1	0	0	0	24	1	25
Carp fry and fingerling rearing	7	126	35	161	12	2	14	0	0	0	138	37	175
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**9**	**170**	**38**	**208**	**15**	**2**	**17**	**0**	**0**	**0**	**185**	**40**	**225**
IX. Production of Input at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0agents production	0	0	0	0	0	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Bio0pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi0compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee0colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Mushroom production	0	0	0	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	2	32	13	45	5	0	5	0	0	0	37	13	50
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	1	22	0	22	3	0	3	0	0	0	25	0	25
WTO and IPR issues													
Others	2	32	9	41	5	4	9	0	0	0	37	13	50
Total	**5**	**86**	**22**	**108**	**13**	**4**	**17**	**0**	**0**	**0**	**99**	**26**	**125**
XI. Agro forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
Others													
Total	**52**	**720**	**371**	**1091**	**143**	**66**	**209**	**0**	**0**	**0**	**863**	**437**	**1300**
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													

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
Beekeeping													
Sericulture													
Repair and maintenance of farm machinery and implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Others													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0

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	1	16	1	17	3	0	3	0	0	0	19	1	20
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation 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
Production and use of organic inputs													
Care and maintenance of farm machinery and implements													
Gender mainstreaming through SHGs													
Formation and Management of SHGs													
Women and Child care													
Low cost and nutrient efficient diet designing													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other													
Total	**1**	**16**	**1**	**17**	**3**	**0**	**3**	**0**	**0**	**0**	**19**	**1**	**20**

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	1	18	4	22	2	1	3	0	0	0	20	5	25
Resource Conservation Technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Cropping Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming	1	16	5	21	4	0	4	0	0	0	20	5	25
Micro irrigation/irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	5	64	16	80	27	18	45	0	0	0	91	34	125
Soil & water conservation	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated nutrient Management	1	23	1	24	1	0	1	0	0	0	24	1	25
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**8**	**121**	**26**	**147**	**34**	**19**	**53**	**0**	**0**	**0**	**155**	**45**	**200**
II. Horticulture													
a) Vegetable Crops													
Production of low volume and high value crops	1	12	13	25	0	0	0	0	0	0	12	13	25
Off season vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0

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 raising	1	20	5	25	0	0	0	0	0	0	20	5	25
Exotic vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0	0	0	0
Others													
Total (a)	**2**	**32**	**18**	**50**	**0**	**0**	**0**	**0**	**0**	**0**	**32**	**18**	**50**
b) Fruits													
Training and Pruning	0	0	0	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	1	14	11	25	0	0	0	0	0	0	14	11	25
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (b)	**1**	**14**	**11**	**25**	**0**	**0**	**0**	**0**	**0**	**0**	**14**	**11**	**25**
c) Ornamental Plants													
Nursery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (c)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
d) Plantation crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (d)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (e)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
f) Spices													
Production and Management technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (f)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
g) Medicinal and Aromatic Plants													
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0	0	0	0

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total (g)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total(a-g)	**3**	**46**	**29**	**75**	**0**	**0**	**0**	**0**	**0**	**0**	**46**	**29**	**75**
III. Soil Health and Fertility Management													
Soil fertility management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0	0	0	0
Balance Use of fertilizer	1	24	0	24	1	0	1	0	0	0	25	0	25
Soil & water testing	0	0	0	0	0	0	0	0	0	0	0	0	0
others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**1**	**24**	**0**	**24**	**1**	**0**	**1**	**0**	**0**	**0**	**25**	**0**	**25**
IV. Livestock Production and Management													
Dairy Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Feed & fodder technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	0	0	0	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Processing & cooking	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	1	0	25	25	0	0	0	0	0	0	0	25	25
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0	0	0	0
Value addition	2	0	43	43	0	7	7	0	0	0	0	50	50
Women empowerment	4	13	84	97	0	3	3	0	0	0	13	87	100

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
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Women and child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	2	0	38	38	0	12	12	0	0	0	0	50	50
Total	**9**	**13**	**190**	**203**	**0**	**22**	**22**	**0**	**0**	**0**	**13**	**212**	**225**
VI. Agril. Engineering													
Farm machinery & its maintenance	4	60	1	61	39	0	39	0	0	0	99	1	100
Installation and maintenance of micro irrigation systems	1	18	4	22	1	2	3	0	0	0	19	6	25
Use of Plastics in farming practices	2	28	18	46	3	1	4	0	0	0	31	19	50
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	2	26	8	34	10	6	16	0	0	0	36	14	50
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**9**	**132**	**31**	**163**	**53**	**9**	**62**	**0**	**0**	**0**	**185**	**40**	**225**
VII. Plant Protection													
Integrated Pest Management	6	89	26	115	25	10	35	0	0	0	114	36	150
Integrated Disease Management	2	39	9	48	2	0	2	0	0	0	41	9	50
Bio0control of pests and diseases	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0	0	0	0
Others													
Total	**8**	**128**	**35**	**163**	**27**	**10**	**37**	**0**	**0**	**0**	**155**	**45**	**200**
VIII. Fisheries													
Integrated fish farming	1	21	2	23	2	0	2	0	0	0	23	2	25
Carp breeding and hatchery management	1	23	1	24	1	0	1	0	0	0	24	1	25
Carp fry and fingerling rearing	7	126	35	161	12	2	14	0	0	0	138	37	175
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**9**	**170**	**38**	**208**	**15**	**2**	**17**	**0**	**0**	**0**	**185**	**40**	**225**
IX. Production of Input at site													
Seed Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Bio0agents production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0pesticides production	0	0	0	0	0	0	0	0	0	0	0	0	0
Bio0fertilizer production	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermi0compost production	0	0	0	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Bee0colonies and wax sheets	0	0	0	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0	0	0	0
Mushroom production	0	0	0	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X. Capacity Building and Group Dynamics													
Leadership development	0	0	0	0	0	0	0	0	0	0	0	0	0
Group dynamics	2	32	13	45	5	0	5	0	0	0	37	13	50
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	1	22	0	22	3	0	3	0	0	0	25	0	25
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**3**	**86**	**22**	**108**	**13**	**4**	**17**	**0**	**0**	**0**	**99**	**26**	**125**
XI. Agro forestry													
Production technologies	0	0	0	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
XII. Others (Pl. Specify)													
GRAND TOTAL	**52**	**720**	**371**	**1091**	**143**	**66**	**209**	**0**	**0**	**0**	**863**	**437**	**1300**

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	0	0	0	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Vermiculture	0	0	0	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0	0	0	0
Beekeeping	1	15	2	17	2	1	3	0	0	0	17	3	20
Sericulture	0	0	0	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	1	10	0	10	10	0	10	0	0	0	20	0	20
Value addition	0	0	0	0	0	0	0	0	0	0	0	0	0
Small scale processing	0	0	0	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0	0	0	0
Dairying	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	1	15	2	17	2	1	3	0	0	0	17	3	20
Composite fish culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	1	16	2	18	2	0	2	0	0	0	18	2	20
Others	1	13	2	15	5	0	5	0	0	0	18	2	20
Total	**5**	**69**	**8**	**77**	**21**	**2**	**23**	**0**	**0**	**0**	**90**	**10**	**100**

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management	1	16	1	17	3	0	3	0	0	0	19	1	20
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0	0	0	0

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
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	1	15	3	18	2	0	2	0	0	0	17	3	20
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	2	15	17	0	0	0	0	0	0	2	15	17
Women and Child care	0	0	0	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	2	22	10	32	4	2	6	0	0	0	32	6	38
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Other	**3**	**32**	**7**	**39**	**9**	**6**	**15**	**0**	**0**	**0**	**41**	**9**	**50**
Total	**8**	**87**	**36**	**123**	**18**	**8**	**37**	**0**	**0**	**0**	**111**	**34**	**145**

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
Agronomy	F& FW	Micronutrient application in paddy	1	off	24	1	25	1	0	1
Agronomy	F& FW	Production technology of rice in saline soil	1	off	25	0	25	0	0	0
Agronomy	F& FW	Mode of action & sequences of application of available herbicides	1	off	20	5	25	2	1	3
Plant Protection	F & FW	Store Grain Pest Management in Pulse	1	Off	23	2	25	6	1	7
Plant Protection	F & FW	Fruit fly management in Cucurbits	1	Off	17	8	25	4	3	7
Plant Protection	F & FW	Rodent management	1	Off	16	9	25	7	5	12

		in store grain house								
Plant Protection	F & FW	Training on Stem borer management in Paddy	1	Off	24	1	25	7	0	7
Plant Protection	F & FW	Training on management of Sheath blight in Paddy	1	Off	24	1	25	0	0	0
Plant Protection	F & FW	Training on BPH/WBPH management in Paddy	1	Off	21	4	25	2	0	2
Plant Protection	F & FW	Training on Redpalm weevil and eryophid management in Coconut	1	Off	15	10	25	1	0	1
Plant Protection	F & FW	Training on Sigatoka disease management in Banana	1	Off	16	9	25	2	0	2
Plant Protection	RY	Apiary in Coconut Orchard	02	On	17	3	20	2	1	3
Plant Protection	IS	Training on integrated disease and pest management in vegetables	01	Off	19	1	20	2	0	2
Horticulture	F/FW	Production Technology of watermelon	1	Off	14	11	25	0	0	0
Horticulture	F/FW	Training on different methods of seedling raising	1	Off	20	5	25	0	0	0
Horticulture	F/FW	Training on scientific production management of banana	1	Off	11	14	25	0	0	0
Agril. Engineering	F &FW	Operation & maintenance of Seed cum fertilizer drill	01	Off	25	0	25	2	0	2
Agril. Engineering	F &FW	Operation & maintenance of threshing and	01	Off	11	14	25	8	6	14

		winnowing implements in Paddy								
Agril. Engineering	F &FW	Mulching in horticultural crops	01	Off	16	9	25	2	1	3
Agril. Engineering	F &FW	Training on use of farm implements available for direct seeded rice cultivation	01	Off	25	0	25	3	0	3
Agril. Engineering	F &FW	Training on Technique of MAT type seedling raising for using transplanter	01	Off	24	1	25	18	0	18
Agril. Engineering	F &FW	Training on operation of Power weeder	01	Off	25	0	25	9	0	9
Agril. Engineering	F &FW	Training on laying of mulch film in Pointedgourd	01	Off	15	10	25	1	0	1
Agril. Engineering	F &FW	Training on irrigation water management in Tomato	01	Off	19	6	25	1	2	3
Agril. Engineering	F &FW	Operation of Whole straw Paddy Thresher	01	Off	25	0	25	9	0	9
Agril. Engineering	RY	Cost economics of Agro Service Centre model	02	On	20	0	20	10	0	10
Agril. Engineering	IS	Components of drip irrigation, advantages, disadvantages and maintenance	01	On	20	0	20	5	0	5
Agril. Engineering	IS	Improved farm machineries used in resource conservation	01	On	17	3	20	2	0	2
Agril. Engineering	RY	Operation and maintenance of harvesting & threshing	5	On	10	0	10	0	0	0

		Implements of Paddy								
Fishery Science	F & FW	Feeding management for carp culture	01	Off	23	2	25	1	-	1
Fishery Science	F & FW	Fish disease and their management	01	Off	22	3	25	2	-	2
Fishery Science	F & FW	Composite fish culture	01	Off	19	6	25	1	-	1
Fishery Science	F & FW	Stocking and post stocking pond management	01	Off	25	-	25	-	-	-
Fishery Science	F & FW	Short term culture of Minor carps in seasonal ponds	01	Off	23	2	25	3	-	3
Fishery Science	F & FW	Culture practices of Amur carp with IMC	01	Off	22	3	25	-	-	-
Fishery Science	F & FW	Feeding management for carp culture	01	Off	21	4	25	1	1	2
Fishery Science	RY	Carp seed production technique	03	On	19	1	20	1	-	1
Fishery Science	F & FW	Techniques of fish feed preparation	01	Off	19	6	25	2	1	3
Fishery Science	IS	Fish health management	01	On	16	4	20	2	-	2
Fishery Science	RY	Breeding and culture of Ornamental fish	03	On	13	7	20	1	-	1
Fishery Science	F & FW	Multiple stocking and multiple harvesting in pond culture	01	Off	18	7	25	3	-	3
Home Science	FW	Value addition of Tomato	1	Off	0	23	23	0	2	2
Home Science	FW	Apiary in Coconut Orchard	1	Off	0	13	13	0	12	12
Home Science	RY	Production of value added products from fruits & Vegetables	5	On	0	10	10	0	0	0

Home Science	FW	Training on Management of women SHGs	1	Off	0	25	25	0	0	0
Home Science	FW	Training on preparation of vermicompost using different substrates	1	Off	0	25	25	0	0	0
Home Science	FW	Training on different packaging practices for paddy straw mushroom	1	Off	0	20	20	0	5	5
Home Science	FW	Skill training on Cultivation of Paddy straw mushroom by using loose straw	1	Off	13	12	25	0	0	0
Home Science	FW	Training on nursery raising using different growth media	1	Off	0	25	25	0	0	0
Home Science	FW	Training on off season mushroom cultivation	1	Off	0	25	25	0	0	0
Home Science	FW	Training on Brooding Management in Backyard Poultry	1	Off	0	22	22	0	3	3
Home Science	IS	Formation & management of FPOs	2	On	2	15	17	0	0	0
Ag. Extension	F& FW	Doubling farmers income through IFS	1	off	20	5	25	4	0	4
Ag. Extension	F& FW	Enriching farmers profitability through FPO	1	off	15	10	25	3	0	3
Ag. Extension	F& FW	Upgradation of farmers skill through electronic media	1	off	25	0	25	0	0	0
Ag. Extension	F& FW	Various marketing opportunities & production	1	off	25	0	25	3	0	3

		planning in vegetables								
Ag. Extension	F& FW	Team management skills for enhancing effectiveness of team	1	off	15	8	25	2	0	2
Ag. Extension	F& FW	Role of ICT for the benefits of farmers in digital india	1	off	15	10	25	3	0	3
Ag. Extension	F& FW	Scientific production practices of groundnut	1	off	22	3	25	2	0	2
Ag. Extension	RY	Farm management skills for enhancing profitability	1	on	20	0	20	5	0	5
Ag. Extension	IS	Application of new media in extension	1	on	15	8	25	2	0	2

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	
Farm machinaries	Repair & maintenance	Operation and maintenance of harvesting & threshing Implements of Paddy	5	10	0	10		1	1	
Fish	Fish seed production	Fish seed production & nursery pond management	5	8	2	10		4	4	
Fish	Rearing of fish seed	Rearing of fry, fingerlings, yearlings of IMC	5	10	0	10		3	3	
Fruits & Vegetables	Value additio	Production of value added products	5	0	10	10		1	2	

		from fruits & Vegetables								

*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	1	0	0	0	0	0	0	0	10	10	0	10	10
Other													
Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**10**	**10**	**0**	**10**	**10**
Livestock and fisheries													
Dairy farming													
Composite fish culture	1	2	0	2	0	0	0	6	2	8	8	2	10
Sheep and goat rearing													
Piggery													
Poultry farming													
Other													
Total	**1**	**2**	**0**	**2**	**0**	**0**	**0**	**6**	**2**	**8**	**8**	**2**	**10**
Income generation activities													
Vermicomposting													
Production of bioagents, biopesticides,													
biofertilizers etc.													

Repair and maintenance of farm machinery &imlements	1	0	0	0	0	0	0	10	0	10	10	0	10
Rural Crafts													
Seed production													
Sericulture													
Mushroom cultivation													
Nursery, grafting etc.													
Tailoring, stitching, embroidery, dying etc.													
Agril. Para-workers, para0vet training													
Other													
Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**10**	**0**	**10**	**10**	**0**	**10**
Agricultural Extension													
Capacity building and group dynamics													
Other													
Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	**3**	**16**	**12**	**28**	**2**	**0**	**2**	**0**	**0**	**0**	**18**	**12**	**30**

I) Sponsored Training Programmes

a) Details of Sponsored Training Programme

Sl. No	**Title**	**Thematic area**	**Month**	**Duration (days)**	**Client**	**No. of courses**	**No. of participants**	**Sponsoring Agency**
					PF/RY/ EF			
1	Vermicompost producers	Soil health and fertility management	February	25	RY	25	20	ASCI
2	Aquaculture workers	Fisheries Management	February	25	RY	25	20	ASCI
3	Scientific Mushroom cultivation	Income generation	November	2	RY	2	30	ARYA
4	Rearing of backyard poultry	Livestock Management	November	4	RY	4	30	ARYA
5	Honey bee rearing	Apiculture	November	4	RY	4	30	ARYA
6	Nursery pond Management Practices	Fisheries Management	November	2	RY	2	30	ARYA

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													20
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	1	14	16	30	0	0	0	0	0	0	14	16	30
Fisheries Nutrition													
Fisheries Management	2	52	8	60	0	0	0	0	0	0	52	8	60
Other													
Total													
Home Science													
Household nutritional security													
Economic empowerment of women													
Drudgery reduction of women	1	22	8	30	0	0	0	0	0	0	22	8	30
Other	1	24	6	30	0	0	0	0	0	0	24	6	30
Total													
Agricultural Extension													
Capacity Building and Group Dynamics													
Other													
Total													
Grant Total	6	180	40	220	0	0	0	0	0	0	180	40	220

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	21	856	152	1008	24	32	10	42	888	162	1050
Kisan Mela	2	326	74	400	32	5	3	8	331	77	408
Kisan Ghosthi	3	38	17	55	16	4	1	5	42	18	60
Exhibition	5			Mass					0	0	Mass
Film Show	27	670	230	900	14	14	6	20	684	236	920
Method Demonstrations	8	176	24	200	12	3	1	4	179	25	204
Farmers Seminar	1	156	44	120	17	4	3	7	160	47	127
Workshop									0	0	
Group meetings	18	298	50	348	36	7	5	12	305	55	360
Lectures delivered as resource persons	66	920	370	1290	18	0	0	0	920	370	1290
Advisory Services	46	40460	19140	59500	14	92	48	130	40552	19188	59740
Scientific visit to farmers field	182	771	285	1056	16	22	13	35	793	298	1091
Farmers visit to KVK	41	1149	398	1547	38	0	0	0	1149	398	1547
Diagnostic visits	192	919	211	1130	32	18	4	22	937	215	1152
Exposure visits	4	86	34	120	12	3	2	5	89	36	125
Ex-trainees Sammelan	1	18	7	25	5	2	0	2	20	7	27

Soil health Camp	1	172	28	200	9	3	1	4	175	29	204
Animal Health Camp	1	176	24	200	11	2	0	2	178	24	202
Agri mobile clinic									0	0	
Soil test campaigns									0	0	
Farm Science Club Conveners meet	0	0	0	0	0	0	0	0	0	0	0
Self Help Group Conveners meetings	1	0	80	80	30	0	2	2	0	82	82
MahilaMandals Conveners meetings	0	0	0	0	0	0	0	0	0	0	0
Celebration of important days (specify)	4	300	320	620	28	50	68	118	350	388	738
Sankalp Se Siddhi	0	0	0	0	0	0	0	0	0	0	0
Swatchta Hi Sewa									0	0	
MahilaKisan Divas	1	0	200	200	30	0	8	8	0	208	208
Any Other (Specify) Mobile App (Mushroom KVK Puri)	1	278	26	304	34	12	46	58	290	72	362
Total	**626**	**47769**	**21714**	**69303**	**428**	**273**	**221**	**484**	**48042**	**21935**	**69977**

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	12
Radio talks	22
TV talks	3
Popular articles	2
Extension Literature	14
Other, if any	
Technical bulletin	24
Technical report	62
Training material	46
Poster/Flex	63

3.5 a. Production and supply of Technological products

Village seed

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in	Number of farmers to whom seed provided

				village seed production								
					SC		ST		Other		Total	
					M	F	M	F	M	F	M	F
Total												

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided							
				SC		ST		Other		Total	
				M	F	M	F	M	F	M	F
Paddy	Swarna Sub-1 CR-1009 Sub-1	88.4	135815	0	0	0	0	30	0	30	0
Blackgram	PU-31	13.6	151368	54	0	0	0	176	0	230	0
Grand Total		102	287183	54	0	0	0	206	0	260	0

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	Chanda-F1	635	1270							8	
Cabbage	Nilima 183 F1	550	1100							8	
Tomato	Arka Rakyak	4700	9400							15	
Brinjal	Akshita	1253	2506							7	
Chilli	Nisha-212	450	900							6	
Onion											
Others											
Broccoli	KTS-1	350	700							5	
Capsicum	N-10, carlifornia wonder	200	400							5	
Cabbage	Nilima 183 F1	550	1100							8	
Drum stick	PKM-1	82	1230							22	
Fruits											
Mango											
Guava											
Lime											
Papaya	Vinayak/ Honeydew/Pusha nanha	1237	12620							43	
Banana											
Others(Cherry Tomato)		200	400							5	
Ornamental plants											

Medicinal and Aromatic											
Plantation											
Spices											
Turmeric											
Tuber											
Elephant yams											
Fodder crop saplings											
Forest Species											
Coconut	Sakhigopal local	165	8250							8	
Total		**10372**	**39876**	**0**	**0**	**0**	**0**	**0**	**0**	**140**	**0**

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.										
Paddy straw Mushroom	160	16000	4	2	0	0	19	7	23	9
Oyster Mushroom	45	2250	2	5	0	0	9	4	11	9
Honey	2.25	900	0	0	0	0	2	3	2	3
Total	**207.25**	**19150**	**6**	**7**	**0**	**0**	**30**	**14**	**36**	**21**

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	IMC	78150	92780							32	0
Exotic carp											
Mixed carp											
Fish fingerlings											
Spawn											
Others (Pl. specify)											
Grand Total	**IMC**	**78150**	**92780**							**32**	**0**

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

i) Name of Seed Hub Centre: N.A.

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2019						
Rabi 2019-20						
Summer/Spring 2020						
Kharif 2019						
Rabi 2019-2020						

iii) Financial Progress

Fund received (2016-17, 2017-18 and 2018-19)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17				
2017-18				
2018-19				
2019-2020				

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				
Research paper	Evaluation of excess water tolerant Rice varieties Swarna Sub-1 and CR-1009 Sub-1 under Head to Head Project in East and South-Eastern Coastal Plain Zone of Odisha	S.R.Dash, B.K.Routray, S.K.Mohanty and N.Behera	1	ISSN:2347-4688, Vol.8,No.(1) 2020. Current Agriculture Research Journal
Research paper	On- farm rainwater storage for sustaining yield of rice:wheat cropping system-	*JC Paul, Dipsika Paramjita, B Panigrahi, JN Mishra*	***1***	8(12)PP:01-05.(2019) The Pharma Innovation Journal
Research paper	Backyard Poultry Rearing: An Effective Tool for Enhancement of Livelihood of Farm Family	*Acharya, S, Behera,M*	1	Journal of Krishi Vigyan, June 2019 Vol. 7 Issue 2 32-35
Research paper	Yield Evaluation of Different Strains of Paddy Straw Mushroom (*Volvariella spp.)*	*Acharya, S, Sarangi,D*	1	Journal of Agri-Search, Vol 6 No 2 (2019) 102-104
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter	Nilachala Krushibarta	All Scientists	1500	KVK Puri
Popular Articles	Pala ChhatuChasareDekhajauthibaSamasya) Tara Samadhana	*Sumita Acharya, Sanjay Kumar mohanty*	Mass	Odiya Magazine –Jibika, 9th Conference Mushroom Association ,Odisha
Book Chapter				
Extension Pamphlets/ literature				
Booklet	BaigyanikaPadhatireChhatuChasa O BihanaUptadana	***Acharya, S.*, *Mohanty, S.*,**	20	K.V.K (Puri),
Booklet	ByabasayabhitikaChhatuChasa O BihanaUptadana	***Acharya, S.*, *Mohanty, S.*,**	542	K.V.K (Puri),
Booklet	ChaturaPakriyakarana O Sarankyana	***Acharya, S.*, *Mohanty, S.*,**	120	K.V.K (Puri),
Booklet	Honey Bee Cultivation	***Acharya, S.*, *Mohanty, S.*,**	100	K.V.K (Puri),

Leaflet	BadiaganareKadaknathKukudaPalana	***Acharya, S., Mohanty, S.,***	530	K.V.K (Puri),
Leaflet	Dhana Phasalare Chakada Pokara samanwita Parichalana	***Mohanty, S Sethy,S Mahapatra,N***	500	K.V.K (Puri),
Leaflet	Hudare Sapuri Chasa	***Mohanty, S Sethy,S Paramjita,D***	30	K.V.K (Puri),
Leaflet	Sitadine Chhatu Chasa	***Acharya, S., Mohanty, S.,***	30	K.V.K (Puri),
Leaflet	Paramparik Byasayika Gyana Kausalare Jyibika Chasa	***Mohanty, S Sethy,S***	400	K.V.K (Puri),
Leaflet	Scientific Paddy Production Practices	***Mohanty, S Sethy,S Mahapatra,N***	500	K.V.K (Puri),
Leaflet	IMC-Composite Pisciculture	***Behera,M Mohanty, S.,***	30	K.V.K (Puri),
Leaflet	Management Practices in Pisciculture	***Behera,M Mohanty, S.,***	30	K.V.K (Puri),
Training Manual	Tractor Operator	*Dipsika Paramjita, Sanjay Kumar mohanty*	20	Published by KVK,Puri
Training Manual	Byabasaya bhitika Chhatu Chasa O Bihana Uptadana	*Sumita Acharya, Sanjay Kumar mohanty*	42	Published by KVK,Puri
Training Manual	Apiary in Coconut Orchard	*Sumita Acharya, Sanjay Kumar mohanty*	30	Published by KVK,Puri
Training Manual	Chatura Pakriyakarana O Sarankyana	*Sumita Acharya, Sanjay Kumar mohanty*	100	Published by KVK,Puri
Training Manual	Backyard Poultry Management	*Manas Ranjan Behera, Sanjay Kumar mohanty*	30	Published by KVK,Puri
Training Manual	Nursery Pond Management & Yearling production Management	*Manas Ranjan Behera, Sanjay Kumar mohanty*	30	Published by KVK,Puri
Technical reports	APR, AP, QRT, SAC,ARYA,CFLD & Miscellaneous Reports	All Scientists	45	K.V.K (Puri),
Electronic Publication (CD/DVD etc)	ARYA Enterprises	All Scientists	4	K.V.K (Puri),
TOTAL			**4637**	

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.	Workshop	Workshop for problem confirmation	Dr.Sumita Acharya	30.4.19 to 1.5.19	DEE, OUAT

2.	Workshop	Workshop for Intervention Planning and development of holistic action plan	Dr.Sumita Acharya Miss Sonita rani Sethy Dr.Dipsikha Paramjita Mr.M.R.Behera	6.5.19 to 9.5.10	KVK, Dhenkanal
3.	Workshop	Pre SLREC Action Plan Finalization Workshop	Dr.Sanjay Ku.Mohanty Dr.Sumita Acharya	17.5.19 to 18.5.19	DEE, OUAT
4.	Workshop	SLREC, 2019-20	Dr.Sanjay Ku.Mohanty Dr.Sumita Acharya	22.5.19 to 25.5.19	OUAT, BBSR
5.	Training	Training on landscape diagnostic survey under CSISA project	Miss Sonitarani sethy	8.7.19 to 9.7.19	OUAT, BBSR
6.	Workshop	Review and Planning Workshop ARYA	Dr.Sanjay Ku.Mohanty Dr.Sumita Acharya Miss Sonita rani Sethy	12.7.19 to 13.7.19	KVK, Nayagarh
7.	Training	Interface on DFI	Dr. Dipsika Paramjita	7.8.19	OUAT, BBSR
8.	Workshop	CSISA-KVK workshop	Miss Sonitarani sethy	23.9.19 to 25.9.19	NASC, New delhi
9.	Training	Training programme on Agricultural Extension: From TOT to Agripreneurship and startups	Miss Sonitarani sethy	21.10.19 to 25.10.19	MANAGE,Hyderabad
10.	Workshop	Workshop on Poshan Sanskar (Nutrition culture)	Dr.Sumita Acharya	17.12.19 to 18.12.19	OUAT, BBSR
11.	Workshop	Inception Workshop ARYA	Dr.Sanjay Ku.Mohanty Dr.Dipsika Paramjita Mr.M.R.Behera Miss Sonita rani Sethy	18.12.19	KVK, Puri
12.	Workshop	Review workshop ARYA	Dr.Sanjay Ku.Mohanty Dr.Sumita Acharya	24.1.20	ICAR ATARI, KOLKATA
13.	Training	Training on “Agro-Ecosystem Analysis for Participatory Planning”	Dr.Sumita Acharya Miss Sonita rani Sethy	17.2.20 to 22.2.20	DEE,OUAT,BBSR

14.	Workshop	Farmer fair cum Regional workshop and Agro-biodiversity Exhibition	Dr.Sanjay Ku.Mohanty Dr.Sumita Acharya	5.3.20 to 7.3.20	OUAT, BBSR
15.	Training	Orientation training on operational modalities for KVKs	Sri Manas Ranjan Behera	27.12.19 to 29.12.19	DEE,OUAT,BBSR
16.	Training	TOT for Aquaculture Technician	Sri Manas Ranjan Behera	09.12.19 to 11.12.19	WBUAFS, Kolkata
17.	Training	TOT for Tractor Operator	Dipsika Paramjita	09.12.19 to 11.12.19	WBUAFS, Kolkata

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

Success Story -1

Name of farmer	Parthasarathi Behera
Address	S/O-MahendraBehera,village-Samakula, Block-Gop,
Contact details (Phone, mobile, email Id)	Mob- 7326866423
Landholding (in ha.)	2 ha
Name and description of the farm/ enterprise	Partha sarathi Behera, s/o- Mahendra Behera a resident of village samakula, block- Gop was unemployed after completion of ITI in a nearby college and helping his family in various agricultural activities. Earlier his father had a broiler farm. But heavy loss incurred due to effect of FANI, he left the enterprise in the middle. During one training programme in his village, he came in contact with the scientists of KVK and discussed his problems. During beneficiary selection for ARYA project he was taken considered due to his experience and interest in poultry farming.
Economic impact	• After joining the ARYA project he repaired the poultry farm. • First time he kept 200 Banaraja chicks with the project support. • Now he is rearing 600chicks per annum. • He is selling chicks for meat purpose @ Rs.180/-per kg. • Mortality rate has been reduced from 12% to 10%. • Employment generated 135 days/annum. Now he is no more dependent upon his parents and has earned avg. income of Rs.1, 26, 120/- per annum. He has planned to start a layer unit and brooding unit in near future.
Social impact	Mr. Behera has proved the success in poultry farming due to dedication determination and strong will power. Moreover constant touch with the KVK and other successful entrepreneurs the success of partha is radiating to other villages.
Environmental impact	As his family had already incurred losses in the broiler farm it took some time to convince them to take up the same enterprise. Timely unavailability of chicks is a problem due to absence of hatchery unit in the locality.

Horizontal/ Vertical spread	Two new farms have already been started the enterprise in the village. Some women SHGs and youths are also interested to take up backyard poultry in the village.

			
Scientists Visit to Unit	Feeding the birds	Selling of birds at farmer's doorstep	Weighing of birds during field visit

Success Story -2

Name of farmer	Santosh Kumar Das
Address	S/O-Bina Das, village-Janakideipur, Block- Puri Sadar,
Contact details (Phone, mobile, email Id)	Mobile - 8249087691
Landholding (in ha.)	1 ha
Name and description of the farm/ enterprise	Sri Santosh Kumar Das, aged 34 years, S/o- Bina Das of village Janakideipur belongs to a Scheduled caste family left school after 8th standard to support his family. Earlier he was having 2 numbers (2Ac) of fish pond where he practiced composite fish culture. He was stocking fry of IMC and getting a production of 25qtl/ha. His monthly income was around Rs. 19,000. During an occasion he came in contact with KVK Scientist and considered as beneficiary in pisciculture. Sri Das was got trained on Nursery pond management practices, rearing of fry to fingerling and yearling production. He also got exposure visit to progressive farmers' field to enrich his knowledge.
Economic impact	➢ Sri Das constructed 4 numbers (2.5 Ac) of new ponds where he practiced stunted fingerling/yearling production in 2 cycles per year ➢ He also continued for table size fish production in his 2 old ponds (2 Ac) by stocking yearlings of IMC @ 5000 numbers/ha with proper feeding schedule and scientific pond management practices ➢ Before inception of ARYA project he was doing IMC culture through stocking of fry in 2Ac of pond with a production of 25qtls/ha wherein a monthly net income of Rs. 19000/- was not sufficient to manage his family. ➢ Production and Income i) 12.50 qtl of stunted fingerling/yearling @ Rs 215/ per kg = Rs 2,68,750 ii) 2 cycles of stunted fingerling/yearling per year = Rs 5,37,500 iii) 32 qtl of table size fish per year @ Rs 110/ = Rs 3,52,000 iv) Gross income per year from 6 nos. of ponds (4.5 Ac) = Rs 5,37,500+Rs 3,52,000 = Rs 8,89,500 v) Net Return = Rs 5,39,400 and BC ratio is 2.54

Social impact	Mr Santosh Das is very much satisfied adopting the enterprise. This year he has planned to sell fish feeds, medicines and other aquaculture inputs in the name of "DAS FISH FEED FARM" which will further boost his income level. Other nearby farmers will be benefitted getting stunted fingerlings/ yearlings and all other inputs from one place. Now Mr. Das has been the eye opener and tempted other unemployed youths to take up pisciculture in leased out ponds in a competitive mode. Mr. Santosh Das's success wave is spreading in the neighboring villages. Moreover some youths and young SHG members have planned to adopt pisciculture as a lucrative enterprise.
Environmental impact	i) Previous income of the Farmer was Rs 19,000 per month ii) Present income of the farmer (from yearling and table size fish production) is Rs 44,950 per month iii) Increase in income = 136% over previous income iv) Cost of production for table size fish production is reduced because of stocking of own yearlings and no transportation cost v) Employment generated (123days/annum) for daily laborers, yearling vendors and persons involved in netting for harvesting of yearlings and fish for marketing.
Horizontal/ Vertical spread	Youths are more interested for fish production by stocking yearlings as the production and profit is more after seeing the success of Sri Santosh Das. Three other youths have already started stunted fingerling and yearling production in the village. Farmers expect Fishery department to execute different schemes for excavation and renovation of ponds and assistance of aquaculture inputs.


Visit of scientist to monitor growth rate of yearlings during sampling

Harvesting of table size

Marketting of fish

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

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

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

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
1	Vegetable	Panchagabya	Enhance flowering in Vegetable Plants
2	Crop	Handi Oushadha	To control insects & pest

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Paddy	40	60q/ha	200	Y

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

Sl. No.	Brief details of the tool/ methodology followed	Purpose for which the tool was followed
1	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
2	Training modules are developed by conducting PRA in villages	Problem analysis of different activities and prioritization
3	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.
1	Mridaparikshak mini kit	2

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			
84	0	84	112	12	-

3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1	Farmers' Scientist Interaction, Meeting, Soil healthcard Distribution	221	21	Smt.Jyotirmayee Dalei, Jilla Parisad Chairman Sri Kailasha Parida Agril.Standing committee President PRI members(10No) Govt Officials(9No)	50	200

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

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

3.13. Technology week celebration

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

3.14. RAWE/ FETprogramme - is KVK involved? (Y/N)- No

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/ZilaSabhadipati/Other Head of Organization /Foreigners)**

Date	Name of the person	Purpose of visit
3rd Tuesday Every Month	Dr.Pravat Sarangi ADR,RRTTS Senior Scientist,RRTTS	RE linkage meeting
07.05.19	Dr.P.K.Raul,DEE,OUAT	VISIT OF KVK
28.09.20	Dr. R.K Saamanta, Former VC ,BCKV, Mohnpur	Entrepreneur Meet & QRT
28.09.20	Dr. C.M.Singh, Former Director Extn.Education, NDUAT, Faizabad	Entrepreneur Meet & QRT
28.09.20	Prof.C.Satpathy, Former DEE, OUAT, BBSR	Entrepreneur Meet & QRT
28.09.20	Dr.R.B.Sharma, Former DEE, IGKV, Raipur	Entrepreneur Meet & QRT
28.09.20	Dr.Y.V.Singh, Former Director ATARI, Kolkata	Entrepreneur Meet & QRT
28.09.20	Prof. F.H.Rahman, Principal Scientist, ICAR-ATARI, Kolkata	Entrepreneur Meet & QRT
28.09.20	Dr.P.K.Raul, DEE,OUAT,BBSR	Entrepreneur Meet & QRT
29.09.20	Dr. R.K Saamanta, Former VC ,BCKV, Mohnpur	Visit of KVK
29.09.20	Dr. C.M.Singh, Former Director Extn.Education, NDUAT, Faizabad	Visit of KVK
29.09.20	Dr.R.B.Sharma, Former DEE, IGKV, Raipur	Visit of KVK
29.09.20	Dr.Y.V.Singh, Former Director ATARI, Kolkata	Visit of KVK
29.09.20	Prof. F.H.Rahman, Principal Scientist, ICAR-ATARI, Kolkata	Visit of KVK

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)
Greengram Seed treatment with Imidacloprid 600FS@5ml/kg seed ,Instalation of YST@25/ha, alternate spraying of Neem oil (300ppm)@2.5ltr/ha and Difenthiuron 50% WP@500gm/ha at 10 days interval at 40 DAS - YMV management in Greengram	75	45	8500	13500
Soil application of neem cake @2.5 qt/ha,Installation of Blue sticky traps @50nos/ha, & need based application of Difenthiuron @1gm/lt & Spiromesifen 240 SC @ 0.6ml/ lit alternately at 10 days interval - Integrated management for thrips & mites in Chilli	20	37	49235	70800

Vanaraja farming	40	80	3500-4000 (200 birds)	13000.00/(in 200 batch strength
Scientific management practices in Mushroom Cultivation	125	75	120/Bed	150/Bed
Artificial pollination in pointed gourd	22	12	170950	268960
Stocking of grow out ponds with Catla:Jayanti Rohu:Mrigal fingerlings@ 3000:4000:3000 nos per ha	15	23	155500	187650
Cultivation in agro shade net house (75%) with substrate treatment in lime solution (2%)	56	62	100/bed	150/bed

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**
• Popularization of stress tolerant paddy var. Swarna sub 1. • Demonstration of Ranidhan with nitrogen management by Leaf colour Chart • Spreading of BINA-11 in convergence with IRRI • Introduction of salt tolerant paddy varieties like Luna suvarna, Luna sampad • Demonstration of IPM (Stem Borer, BPH, Leaf Folder),IDM(Sheath Blight),IWM,INM practices. • Seed treatment & soil testing campaign • Plant health clinic • Production of quality foundation seeds in the KVK farm • KMA services	• Swana sub 1 is being grown in 15% of paddy area • 42 nos. of paddy seed grower in Puri district • L. Suvarna & L. Sampad are being grown in 60Ha area. • 192 nos. of paddy transplanter and 194 nos. of combined harvester are functional • 2121 Ha is under mechanized line transplanting • 24.38% increase in yield
Varietal Trial in Pulses & Oilseeds under CFLD	• INM, weed management, IPM have shown significant increase in yield upto32% • YMV incidence in Greengram & Blackgram is very low • Groundnut seed production (FPO) developed in Kanas block
• IDM in Betel vine IDM comprising of bio-pesticide(Neem cake 750 kg/ha, *Trichoderma viridae* 5 kg/ha, Bordeaux mixture 1% soil drenching & 0.5% foliar spray alternatively at 15 days intervals	• One of the cash crop of the district covering an area of 520 ha • Leaf yield of 52.3lakh/ha/yr was obtained as against 37.8lakh/ha/yr which is 38% higher • 42% of the betelvine grower are using neemcake • 40% of the fertiliser dealers are selling neem cake
Popularisation of Pointed gourd var. Swarna Aloukik	No.of villages:4 No.of farmers:92 Area covered: 26 ha out of total area of 45 ha
Cultivation of marigold var. Seracole 30,000 seedlings per ha, with spacing of cm 45x30,NPK kg/ha 60:50:60	Marigold area spread to 12 ha in the district

and vermicompost in month of October with seedling production.	31% increase in yield than Desi Flower with an economic advantage Rs.49,900/ha
• Scientific management of Paddy straw mushroom cultivation training • Demonstration on Oyster mushroom var. *Hypsizygous ulmarius* • Trial on high yielding var. OSM 11 & OSM-12 • Linkage with NHM for commercial Mushroom production & Spawn Unit • Introduction of off season mushroom in Poly house to meet the high demand of paddy straw mushroom • Effective utilization and conversion of spent mushroom substrate into vermicompost • Compost method for paddy straw mushroom cultivation • Capacity building training on mushroom cultivation and value addition	• Horizontally spread from 4 to 11 blocks and 5870 no. of farm families are involved in mushroom farming • 3nos.of processing units have been developed involving 2 Self Help Groups. • 14 mushroom spawn units established after getting training from CTMRT and under the guidance of KVK • 300 commercial mushroom units taking scientific advisory for better production • 260 persons are involved in marketing and 45 straw suppliers developed
Popularisation of Coloured Poultry breeds Vanraja & Black Rock for backyard rearing in semi-intensive system for both meat and egg purpose	• Added an extra income of Rs.5000/- per batch of 20 birds • 96471 Backyard poultry (9%) produces 2.5 million eggs in the district which • has a great impact on nutritional security • 3No. of brooding units are functional in the district • Mid day meal eggs are being supplied by SHGs
• Yearling stocking @5000 numbers/ha in composite carp culture • Application of Floating fish feed @ 2-1 % of body weight • Intercropping of minor carps (*L. gonionotus and L. fimbriatus*) with IMC • Substitute Rohu with Jayanti Rohu • Application of Probiotics and multimineral in pisciculture • Application of humic acid for plankton production • Introduction of Amur carp in stead of common carp • Introduction of Fresh water prawn with IMC • Placing of periphytic substrate in pond for growth enhancement • Grass carp for biological control of aquatic weeds	• This technology has spread over 740 ha pond water area covering around 315 villages of the district. • 278 numbers of unutilized ponds have been utilized for commercial fish production • 12 numbers of private hatchery have been established for IMC spawn production • More than 420 ha water area is being utilized for fingerling and yearling production • More preference towards live fish consumption than iced fish

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

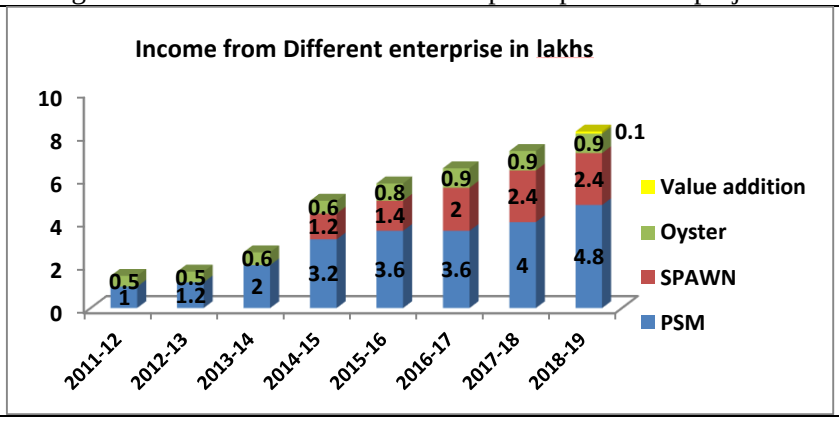
Sl. No.	Brief details of technology	Impact of the technology in subjective terms	Impact of the technology in objective terms
1	Improvement of nutritional status of pregnant women by introducing nutrient rich vegetables in nutrition garden	Increase of hemoglobin level of pregnant mother resulting decreasing anemia among mother	Increase of birth weight of new born babies.

4.4. Details of innovations recorded by the KVK

Thematic area	**Drudgery Reduction**
Name of the Innovation	Innovation Enhances Efficiency Leads to Profit
Details of Innovator	**Name:**Mr.Laxman Bastia **Address:**At Suhagpur,Po-Mangalpur,Puri **Mobile No.:** 9178307327 **Adhar No.:** 462535630384 **Education:**Undermatric
Back ground of innovation	**Enterprises initiated:** Mushroom Spawn Production, Mushroom cultivation round the year, Mushroom value added products.
Technology details	**Spawn bottle carrying trolly:** Cost:Rs4000/-,Carrying capacity:400 Bottles/batch Made up of wood with 4 wheels **Fuel saving chulla:** Cost:Rs2000/-, Save 20kg Wood /1.2q wheat Boiling Made up of cement, bricks and sand **Wheat cleaner :** Cost:Rs2000/-, Capacity- Clean 50 kg wheat/5min instead of 2hr(Manual Cleaning) Made up of iron stand with wooden framed strainer and four springs Rs.8000/month is being earned by adopting these innovation wherein labour cost (2mandays/day) are saved
Practical utility of innovation	**Spawn bottle carrying trolly** used for shifting cleaned bottles to production unit, sterilized bottles to inoculation chamber and then to incubation chamber Reduce labour cost and time Increased efficiency of labour **Fuel saving chulla:** Less ash production and boil wheat in less time, saved fuel Reduce cost of production **Wheat cleaner:** Less drudgery in cleaning wheat Reduce labour cost and time Increase energy efficiency of labour

		
Fuel saving chulla for wheat boiling	Wheat cleaner	Spawn bottle carrying trolly

4.5. **Details of entrepreneurship development**

Entrepreneurship development	
Name of the enterprise	**Mushroom Spawn Production, Mushroom cultivation round the year, Mushroom value added products.**
Name & complete address of the entrepreneur	**Name:**Mr.Laxman Bastia **Address:** At Suhagpur,Po-Mangalpur,Puri **Mobile No.:** 9178307327 **Adhar No.:** 462535630384 **Education:**Undermatric **Size of land holding(acres):** 0.2
Role of KVK with quantitative data support:	Spotted as Exposure visit Model Unit for mushroom Growers Linked him in KVK Mobile Mushroom App for his products marketing Adoption new var. for more mushroom production Scientific mushroom cultivation Linkage with NHM to avail Mushroom Spawn production project
Timeline of the entrepreneurship development	
Technical Components of the Enterprise	24000 spawn bottle/month 200q Paddy straw mushroom/annum 60q Oyster mushroom/annum 1q Dry oyster Mushroom **Annual Net Profit is Rs 13.7 lakhs.** Rs.8000/month is being earned by adopting his own innovations (**Spawn bottle carrying trolley** , **Fuel saving chulla**, **Wheat cleaner)**where in labour cost (2mandays/day) are saved
Status of entrepreneur before and after the enterprise	• His status changed from a landless farmer to mushroom entrepreneur

<table>
<tr><td></td><td>

- Received National Award as Mushroom entrepreneur at Directorate of Mushroom Research, Solan
- Success story published in Odisha Mushroom Association Magazine "Jibika"
- Documented by KVK, Puri for QRT Entrepreneur meet

</td></tr>
<tr><td>Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):</td><td>

<table>
<tr><th>Sl. No</th><th>Activity</th><th>Quantity/ Annum</th><th>Cost of production</th><th>Gross return</th><th>Net income</th><th>B.C. Ratio</th></tr>
<tr><td>1</td><td>Spawn production (Paddy straw mushroom)</td><td>240000 Bottle</td><td>21,60,000</td><td>2400000</td><td>240000</td><td>1.11</td></tr>
<tr><td>2</td><td>Paddy straw mushroom production</td><td>200 qtl</td><td>2240000</td><td>3200000</td><td>960000</td><td>1.43</td></tr>
<tr><td>3</td><td>Spawn production (Oyster)</td><td>20000 Bottle</td><td>180000</td><td>200000</td><td>20000</td><td>1.66</td></tr>
<tr><td>4</td><td>Oyster mushroom production</td><td>60 qtl</td><td>120000</td><td>240000</td><td>120000</td><td>2.0</td></tr>
<tr><td>5</td><td>Dry Mushroom</td><td>1 qtl</td><td>270000</td><td>300000</td><td>30000</td><td>1.11</td></tr>
<tr><td></td><td></td><td>Total</td><td>49,10,000</td><td>62,80,000</td><td>13,70,000</td><td>1.27</td></tr>
</table>

</td></tr>
<tr><td>Horizontal spread of enterprise</td><td>Adopted by 12 entrepreneurs in the district</td></tr>
</table>

<table>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Mushroom Spawn Production Unit</td><td>Visit of QRT team to mushroom unit</td><td>Awarded as Mushroom entrepreneur at DMR Solan</td></tr>
</table>

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
i) Agriculture Department	REF Linkage, Monitoring BGREI Programme, ATMA Capacity building, ATMA Participatory Research, Soil Day Celebration, In-service Training, DLMT Meeting, Strategy Meeting, Farmer Scientist Interaction, Participation in field day of CFLD, District level Kisan Mela
ii)Horticulture Department	QPM Verification, RE Linkage, Farmer Scientist Interaction, Project Proposal preparation for entrepreneurs, , In-service Training

iii)Fishery Department	RE Linkage, Farmer Scientist Interaction, Project Proposal preparation for entrepreneurs, , In-service Training
iv)Veterinary Department	RE Linkage, Farmer Scientist Interaction, Project Proposal preparation for entrepreneurs, , In-service Training, Active support both in terms of man power and inputs during organization of Animal Health camp
v) Forest Department	Procurement of forest plants
vi) SWAD- NGO	Supply of Paddy Seeds, Capacity building
vii) IRRI-OUAT Collaborative project	Head to Head trials on Stress tolerant rice varieties, screening of stress tolerance varieties
Viii) DSWO,Puri	In-service training programme for AWWs & Extension Functionaries
ix) CIFA, Bhubaneswar	Procurement of IMC spawn & fry
x)OUAT, Bhubaneswar	Procurement of Paddy seeds, Planting Materials, Tricho cards, Poultry, mushroom mother spawn
xi)CHES, Bhubaneswar	QPM of fruits & Vegetables
xii)OSSC, Bhubaneswar	Sale of foundation seed of paddy, supply of breeder seeds



5.2. List of special programmes undertaken during 2019-20 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

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

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

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area(Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Mushroom Production Unit	2019-20	40.13	*V.Volvaceae* *P.sajorcaju*	Mushroom	140 Kg 112 kg	17367	19600	Mushroom of different var. harvested & sold
2.	Apiary Unit	2019-20	2 Boxes	*Apiscerenaindica*	Honey Bee colony	2.25kg 2 Nos.	4000	2900	1st yr Establishment of Apiary Unit

3.	Vermicompost Unit	2019-20	8.17	*E.fetida*	Vermicompost & Vermiculture	8.3 qtl 17 kg	9860	16800	Compost utilized in KVK farm & Vermiculture distributed in programmes
4.	Polyhouse	2019-20	41.8	F1 Hybrids	Seedlings	13405 Nos.	16207	39913	Seedlings distributed in different FLD,OFT & Extension activities
	Total						**47434**	**79213**	

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			2.6 3.4 (including 1.4 ha of damaged area)	CR1009-sub-1 Swarna sub-1	Seed (Foundation)	88.4	670000	267940	
Blackgram			6	PU-31	Seed	13.6	135000	151368	

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	830kgl 17 kg	9860	16800	Compost utilized in KVK farm & Vermiculture distributed in programmes

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.	Fish	Indian Major Carps	Fingerlings	100700No	48750	110770	Distributed in FLD programme & public sale to fish grower

6.5. Utilization of hostel facilities: No Farmers' Hostel

Accommodation available (No. of beds)

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

Total :			

(For whole of the year)

6.6. Utilization of staff quarters- No staff quarters

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

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

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

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

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

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2013
	Kharif	Rabi	Kharif	Rabi	
Blackgram		88000		88000	Nil

7.4 Utilization of KVK funds during the year 2019-20(Not audited)

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	80,00,000		
2	Traveling allowances	150000	150000	150000
3	HRD	30000	30000	30000
3	Contingencies			
A	a) Stationary, telephone postage and other exp. on office running	640000	640000	640033
B	b) POLs, repairs of vehicles, tractor & equipments			
C	c) Meals/refreshment of farmers	330000	330000	328762
D	d) Training Material(need based materials and equipments for conducting the training)			
	e) Training of extension functionaries			
E	f) Training of Rural Youth			
	g) Frontline demonstrations	165000	165000	165211
F	h) On-farm Testing (on need based location specific)	165000	165000	164833
	i) Soil and water testing lab			
G	j) Maintenance of building			

H	k) SCSP Contingencies	400000	400000	399961
I	**TOTAL (A)**	**9880000**	**1878800**	**1878800**
J	Swachhta Expenditure			
B. Non-Recurring Contingencies				
1	Equipment & Furniture			
	a)office Automation			
	b)Furniture & Fixtures			
2	Works			
	Administrative building	44,00,000	44,00,000	44,00,000
	Farmers Hostel			
3	Vehicle			
4	Library(Purchase of assets like Books & journals back volume)	10,000	10,000	10,000
TOTAL (B)		44,10,000	44,10,000	44,10,000
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		**14290000**	**6288800**	**6288800**

ARYA

Sl No	Head of Account	Budget Estimate (Rs.)	Revised Estimate (Rs.)	Grant received (Rs.)	Expenditure (Rs.)	Unspent Balance	Reason for Unspent
	A. Capital 2018-19						
1	Equipment	3,78,000	3,78,000	3,78,000	3,78,000	Nil	
	B. Capital 2019-20						
1	Equipment	8,32,000	8,32,000	-	-	-	-
	C. General 2019-20						
1	Travelling Allowances	1,00,000	1,00,000	1,00,000	46,000	54,000	
2	Research & Operational Expenses	8,32,000	8,32,000	8,30,800	8,30,800	Nil	
	Total	**9,32,000,**	**9,32,000**	**9,30,800**	**8,76,800**	**54,000**	**54,000**
	Total(A+B+C)	**21,42,000**	**21,42,000**	**13,08,800**	**12,54,800**	**54,000**	**54,000**

* Rs 54,000/- Refunded to Comptroller,OUAT,BBSR

Head and other Schemes

Sl No	Head of Account	Budget Estimate (Rs.)	Revised Estimate (Rs.)	Grant received (Rs.)	Expenditure (Rs.)	Unspent Balance	Reason for Unspent
1	Plantation Programme	10,000	10,000	9,800	9,800	Nil	
2	Fertilizer Application Awareness programme	50,000	50,000	48,800	48,800	Nil	
3	National Animal Disease Control programme	15,000	15,000	14,700	14,700	Nil	
5	Swachhata Activities	30,000	30,000	29,400	29,400	Nil	
6	ASCI Trg, Programme (Tractor Operator, Aquaculture Technician)	4,23,600	4,22,400	4,22,400	4,22,400	Nil	

7	CSISA	1,60,000	1,60,000	1,58,800	1,33,113	**25687**	25687
	Total	6,88,600	687,400	683,900	658,213	**25687**	**25687**

* Rs. **25687 Refubded to Comptroller,OUAT,BBSR**

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)
2017-18	O.B-23747.50 + 2,00,000 (Loan DEE)	14,14,113.50	15,91,630.99 • 768913.99(RF) • 4,22,717 (Loan for pulse and world soil day) • 4,00,000 (DEE profit & loan amount)	46230.01(Closing Balance)
2018-19	46230.01	1462682.00	841571.70	1021257.31 (Closing Balance) (Paddy seed unprocessed- 400q) Blackgram
2019-20 (up to March-2020)	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

7.6. (i) Number of SHGs associated with KVK- 32

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities 8-(Mushroom, Apiary, Value addition, Fishery, Poultry, Nursery Raising)

(iii) Details of marketing channels created for the SHGs- OLM, DIC, MSME, Exhibitions, Kisan Mela

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
Skill Training on Nursery Raising	11	Rabi	Horticulture dept. Mission Shakti	-	-
Skill Training on Mushroom Cultivation	11	Rabi	Horticulture dept. Mission Shakti		
Trial in KVK farm on Summer Tomato Var.	1	Summer	-	ATMA	-
RE Linkage	7	3rd Tuesday of month	With line department	ATMA	With both
Skill Training	8	-	-	ATMA	-
Exposure Visit	7	-	-	ATMA	-
Web Telecast Programme on Plantation	1	Rabi	With line departments	-	-
Pasuargya Mela	1	Rabi	Animal.Hus. Dept.	-	-

Web Telecast on Pasudhan	1	Rabi	Animal.Hus. Dept.		
International women's day	1	Rabi	DSWO	-	-
MahilakisanDiwas	1	Rabi	DSWO	-	-

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)
Stem borer	Paddy	November	26000	30-40	Nursery treatment with cartap hydrochloride 4G@ 0.8 kg a.i. per hactare, + alternate spraying of neem oil 3000ppm and Indoxacarb 18.5SL@1ml/litre at 55DAT + twice release of T. chilonis @ 50,000/ha 7days after spraying.
Sheath blight	Paddy	September	15000	20-30	Seed treatment with Vitavax power+Spraying with (Trifloxystrobin + trebuconazol)
YMV	Blackgram Greengram	Feb-March	40000	50-60	Seed treatment with Imidacloprid 600 FS @ 5 ml / kg seed + Yellow sticky trap @ 50/ha + Neem oil 5 @5ml/lit spray on appearance of white fly on YST + Spraying of Diafenthiuron 50 WP @ 312.5 g a.i./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- NA

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/ SMSPortal)**

Type of message	No. of messages	No. of farmers covered
Crop	21	59630
Livestock	4	
Fishery	8	
Weather	3	
Marketing	3	
Awareness	5	
Training information	0	
Other	2	
Total	46	59630

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	*452*
3.	Mobile Apps developed by KVK	*Yes*
4.	Name of the App	*Mushroom KVK Puri*
5.	Language of the App	*Odia*
6.	Meant for crop/ livestock/ fishery/ others	*Others*
7.	No. of times downloaded	*300*

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken
11.9.19	➢ Awareness in Pasu Arogya Mela ➢ Animal Health Campaign
12.9.19	Cleaning of Office Premises
13.9.19	Cleaning of weeds from Pond in IFS Unit
14.9.19	Holiday
15.9.19	Holiday
16.9.19	➢ Utilization of farm waste in vermicompost Unit ➢ Utilization of paddy straw for mushroom cultivation
17.9.19	➢ Awareness in Large Scale Tree Plantation Programme ➢ Distribution of 1000 Plants ➢ Plantation of trees in KVK Campus
19.9.19	➢ Utilization of farm waste in vermicompost Unit ➢ Cleaning of campus
20.9.19	➢ Weedicide spraying for Cleaning of campus
21.9.19	➢ Cleaning of medicinal garden at KVK campus
21.9.19	➢ Debate and drawing competition at U.P School, Gadapadmapur, Nimapada
26.9.19	➢ Cleaning of Approach road from NH to KVK
28.09.19	➢ Awareness among mushroom entrepreneur for stop using of polythene bags for packing mushroom during QRT team Interaction
01.10.19	➢ Cleaning of school premises ➢ Debate competition
02.10.19	➢ Awareness among school children for cleanliness of self and environment
02.10.19	➢ Awareness among tourist with NCC Students, Puri for no use of plastic, cleanliness of self and environment

02.10.19	➢ Awareness among sea beach shop keepers to keep the beach clean and plastic free
02.10.19	➢ Awareness among tourist keep the beach clean and plastic free

b. **Details of Swachhta activities with expenditure**

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office	20	
2. Basic maintenance	14	
3. Sanitation and SBM	1	
4. Cleaning and beautification of surrounding areas	34	
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	20	30000
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level	22	
8. Swachhta Workshops		
9. Swachhta Pledge	2	
10. Display and Banner		
11. Foster healthy competition	1	
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	5	
14.No of Staff members involved in the activities	12	
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total		**30000**

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with SeemaSurakshaBal/ 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 Door Darshan (Yes/ No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		

9.10. Details of Swachhta Hi Sewaprogramme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Mobilizing community to build compost pits, where organic matter decomposes to form manure in Pasu Arogya Mela	5	145		
2	Awareness on organizing waste collection drives in households and common or shared spaces in Large Scale Tree Plantation Programme	7	200		
3	Cleaning of campus	-	50		
4	Cleaning of campus	-	5		
5	Cleaning of medicinal garden at KVK campus	-	10		
6	Road Cleaning	1	6		
7	Say No to single use of plastic	7	20		
8	Awareness among tourist, students, shopkeepers on "Say No to single use of plastic, keep beach clean"	-	125		

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	Demonstration on Nursery raising in portray, Demonstration of Coconut Dehusker, Groundnut decorticator.	5	120	4	DSWO Office Sarapancha, Balanga

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.	Mr.Ganesh Naik,	Gop, 9777597284	Paddy seed, coconut

2.	Mr.Dilip Ku.Baral,	Resinga, Nimapada, 9238987387	Pulse
3.	Mr.Jayakrushna Pradhan,	Ghoradia, Delanga, 9583301826	Groundnut
4.	Mr. Bhagirathi Barik,	Dalavanapur, Nimapada, 923574297	Exotic vegetables, Banana
5.	Mr. Kailash Sahu,	Subarnapur, Gop 9861452759	Pond based IFS system
6.	Mr.Madan Mohan Dalei,	Gop, 9583829352	Prawn, Nursery
7.	Mr. Ullasa Naik,	Astaranga, 9937476408	Prawn
8.	Mr.Manas Jena,	Gadapadanpur, Nimapada, 9937023044	Papaya, Coconut
9.	Mr.Sumant Rout	naruda, Nimapada, 7873730264	Vegetable, Banana
10.	Mr. Bulu Panda,	Gadachandapur, Nimapada, 9668155367	Vegetables, Coconut
11.	Mr. Manguli Sahu,	Ganeswarpur, Gop, 9439914949	Pond based IFS system
12.	Mr.Susanta Pradhan,	Barkera , Delanga, 7381778803	Ridge gourd
13.	Mr.Krishna Raju,	Baliput, Gop, 9438733832	Pond based IFS system
14.	Mr. Satrughna Panda,	Jadupur, Kakatpur 7873526765	Pond based IFS system
	Ranjan Behera	Oterkera,977788896	Mushroom
15.	Me.Deepak Pradhan.	Kanasha, 9237061095	Prawn
16.	Mr.Mana Singh,	Delanga, 9437280609	Farm mechanization
17.	Mr.Milan Rout,	Pipili,9437024058	Poultry
18.	Mr.Debashis Mohanty,	Gopalpur, Nimapada, 9861157376	Fish seed
19.	Mr.Sanjit Mohanty,	Jayaspatna,Pipili, 9437278721	Mushroom and mushroom spawn production
20.	Krushna Das	Gualigorada, Satyabadi, 9777791349	Pond based IFS
21.	Babuli parida	Adangapada, Pipili 9668323088	Mushroom cultivation
22.	Namita Swain	Baulapada, Nimapada 9776073925	Mushroom Spawn
23.	Ranju Biswal	Dubuduba, Satyabadi 7978757460	Coconut,Vegetable& Honey bee
24.	Santosh Jena	Jadupur Krushna prasad,90907656	Organic farming, Vermicompost, Poultry
25.	Lingaraj Bhola	Odamba, Gop ,9853352816	Dairy Farm
26.	Namesh Ch. Swain	Akhupada Puri Sadar.8763938803	Pisciculture
27.	Lingaraj Patra	Sarada, Gop 8093513753	Poultry
28.	Khetramohan Pradhan	Bagulei, Gop, 9658272538	Fish fingerling, vegetable

29.	Basudev Nayak	Subarnapur, Gop 9040185110	Dairy Farm

9.13. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Contingencies & outsourcing of contractual services	8.32	ARYA
2.			
3.			

9.14. Resource Generation:

Sl.No.	Name of the programme	Purpose of the programme	Sources of fund	Amount (Rs. lakhs)	Infrastructure created
1	ARYA	Equipment	ATARI, Kolkata	**3.78**	-

9.15. Performance of Automatic Weather Station in KVK

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

9.16. Contingent crop planning

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 (Paddy)	7	112	Rice varieties like Swarna Sub-1, Pooja, CR 1009 Sub-1 Water in ponds, reservoirs & water bodies are to be utilized for raising seedling ii. Community nursery
					Boro rice (Var. Lalat, Chandan, Konark, Naveen, Khandagiri) Sowing of rice after recession of water
					Grow pulse crops like green gram, black gram, cowpea.
		Management of Orchard Coconut	2	20	Provide drainage - Heaping around the plant
		Banana	1	12	Provide drainage. - Heaping around the plant. - Spraying ridomil-M-Z(25gm) & Steptocycline (1.5gm) per 10 liters of water to avoid wilt
		Cucurbits	4	18	Spray Ridomil MZ 0.15% against downy mildew
		Cattle	1	50	Awareness generation among farmers about management of feed & fodder

		Poultry	2	60	Awareness among farmers to be made on the health care and disease management of the birds. - Disposal pits should be made wear the poultry farm. - Vaccination and deworming should be made as preventive. - Adequate medicines should be kept to deal with any emergency situation.
		Pisciculture	4	35	Using CIFAX @ 1 lit/ha or lime and turmeric powder 10:1 ratio applied @ 200 kg/ha during the month of November and January to control Ulcerative disease syndrome (UDS) and Epicortical ulcerative syndrome (EUS)

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

a) Year:2019

b) Introduction / General Information:

	Title	**Objective**	**Treatment details**	**Date of sowing**	**Replication**	**Result with photographs**
Experiment 1						
Experiment 2						
Experiment 3						
…						
..						
Others (If any)	Landscape diagnostic survey of 184 sample farmers					

11. Details of TSP - NA

a. Achievements of physical output under TSP during 2019-2020

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 otherprogrammes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

b. Fund received under TSP in 2019-20 (Rs. In lakh):

c. Achievements of physical outcomeunder TSP during 2019-2020

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 2019-2020

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) - NA

Natural Resource Management

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

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

Capacity building

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

Extension activities

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

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
1	Best Technology based Stall Shrekhetra Exhibition Award	2019-20	Shrekhetra,Puri	Certificate	Organized in convergence with KVK PURI, JAGATSINGHPUR and JAJPUR for awareness of farming community

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	Best Mushroom Entrepreneur	Laxman Bastia	2019	DMR, SOLAN	Certificate	Mushroom cultivation round the Year, Spawn Production & Value addition of Mushroom

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

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	OM SAIBABA MAHILA UTPADAKA GOSTI 2016-17	OD26A0001489	Nuasahi, Post-GP Deuli,Block-Nimapada Mob.7873962461	Agriculture & allied activities	Value added Product like tomato powder, mushroom powder, mushroom pickle pampad, blackgrambadi, marigold cultivation, banana cultivation, Vegetable seedling raising	30	1.609	Linkage with NHM for food processing project

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	Nursery Pond	1ha	100700 No	48700	110770	14	23
2	Mushroom Production Unit		140 Kg 112 kg	17367	19600		
3	Vermicompost Unit		8.3 qtl 17 kg	9860	16800		
4	Polyhouse		13405 Nos.	16207	39913		

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**
Module-1 **AES: Coastal Alluvial Command**					

1	Demonstration on Integrated weed management in transplanted rice	Application of Pretilachlor 30%EC @ 600ml/acre at 0 – 3 days of transplanting followed by Bispyribac sodium(80ml/acre) at 15-25 DAT	32075	34	
2	Demonstration on Integrated YMV management in Greengram	Seed treatment with imidacloprid 600FS @ 5gm/kg, installation YST@ 50/ha, alternate spraying of NSKE 5% & Dinotefuran 20SG @80 gm/ha	12775	45	
	Demonstration on fish breed Jayanti rohu	Jayanti Rohu	142700	14	
	Demonstration on mushroom cultivation in agro shed net	Cultivation in 75% shade net house in rack system with substrate treatment(125ml formalin/100 lit water) and 10% lime powder	Rs.16200/360beds/ 6 months	56	
Module-2 AES: Coastal Alluvial Non-command					
	Demonstration on tissue culture banana var. Patakapura	Cultivation of tissue culture banana var. Patakapura	236484	12	
	Demonstration on Apiary in coconut orchard	*Apis cerena indica*	New intervention	5	
	Demonstration on mushroom cultivation in agro shed net	Cultivation in 75% shade net house in rack system with substrate treatment(125ml formalin/100 lit water) and 10% lime powder	14400/360 beds/6 months	24	
	Demonstration of Vermicompost from agrowaste	Vermicompost using spent m. substrate (verm *E. foetida)*	5000/2tanks/anum	4	
Module-3 AES: Coastal Alluvial Saline					
	Greengram in fallow land	Greengram Var. IPM-02-14 fertilizer application as per STBR	16975	22	
	Demonstration on mushroom	Cultivation in 75% shade net house in	14400/360 beds/6 months	34	

	cultivation in agro shed net	rack system with substrate treatment(125ml formalin/100 lit water) and 10% lime powder			
	Demonstration of Vermicompost from agrowaste	Vermicompost using spent m. substrate (verm *E. foetida)*	4500	2	

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)	09	1415			
II (up-to 24.04.218)	11	1827			
Total	**20**	**3242**			

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)
21.12.19	Dr.Arun Kumar Sahoo Sj.Umakanta Samantra Sj.Pradeep Maharathy	Agriculture & Higher secondary education MLA, Satyabadi Ex-Minister, Agriculture	Mushroom value added products, advanced technologies of mushroom cultivation, HYV coconut varieties, , advanced technology of pisciculture, farm machineries
04.11.19	Sj.Umakanta Samantra	MLA, Satyabadi	Organic Rice varieties , HYV coconut varieties,mushroom value added products, advanced technology of pisciculture, farm mechinaries

20. a) Information on **ASCI** Skill Development Training Programme, if undertaken during 2019

Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants						Whether uploaded to SIP Portal (Y/N)	Fund utilized for the training (Rs.)
				SC		ST		Other			
				M	F	M	F	M	F		
Vermicompost producers	Sri Pradipta Ku.Majhi	1.2.19	12.03.19					20		Yes	164600
Aquaculture workers	Sri Manas Behera	11.02.19	23.03.19					20		Yes	164600

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs**., if any) if undertaken during 2019

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	
Mushroom Production	Scientific Mushroom cultivation	16	0	0	0	0	24	6	24	6	30	Rs.9000
	Post harvest management & value addition of mushroom	24	0	0	0	0	24	6	24	6	30	Rs.13,500
Poultry Production	Rearing of backyard poultry	32	0	0	0	0	14	16	14	16	30	Rs.18000
Beekeeping	Honey bee rearing	32	0	0	0	0	22	8	22	8	30	Rs.18000
Fish production with fish seed	Nursery pond Management Practices	16	0	0	0	0	26	4	26	4	30	Rs.9000
	Rearing of Fry for fingerling and yearling production	16	0	0	0	0	26	4	26	4	30	Rs.9000

21. Information on NARI Project(if applicable)

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

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

Krishi Kalyan Abhiyan- I and II

A. Training

Name of programme	***No. of programmes***	***No. of farmers benefitted***									***No. of officials attended the programme***
		SC		***ST***		***Others***		***Total***			
		M	***F***	***M***	***F***	***M***	***F***	***M***	***F***	***T***	
KKA-I											
KKA-II											

B. Distribution of seed/ planting materials/ input/ others

Name of programme	*No. of Programme*	*Total quantity distributed*				*No. of farmers benefited*									*No. of other officials (except KVK) attended the programme*
		Seed (q)	*Planting material (lakh)*	*Input (kg)*	*Other (kg/ No.)*	*SC*		*ST*		*Others*		*Total*			
						M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	*T*	
KKA-I															
KKA-II															

C. Livestock and Fishery related activities

Name of programme	*No. of Programme*	*Activities performed*				*No. of farmers benefited*									*No. of other officials (except KVK) attended the programme*
		No. of animals vaccinated	*No. of animals dewormed*	*Feed/ nutrient supplements provided (kg)*	*Any other (Distribution of animals/ birds/ fingerlings) [No.]*	*SC*		*ST*		*Others*		*Total*			
						M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	*T*	
KKA-I															
KKA-II															

D. Other activities

Name of programme	*Activities*	*No. of farmers benefited*									*No. of other officials (except KVK) attended the programme*
		SC		*ST*		*Others*		*Total*			
		M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	T	
KKA-I	Soil Health Card Distributed										
	NADEP Pit established										
	Farm implements distributed										
	Others, if any										
KKA-II	Soil Health Card Distributed										
	NADEP Pit established										
	Farm implements distributed										
	Others, if any										

Krishi Kalyan Abhiyan- III

No. of villages covered	*No. of animal inseminated*	*No. of farmers benefitted*									*Any other, if any (pl. specify)*
		SC		*ST*		*Others*		*Total*			
		M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	T	

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
1	Banomahotsav	06.07 19	Kunjara	Plantation of tree awareness peogramme	21
2	OUAT Foundation Day	24.08.19	OUAT	Farmer Scientist Interaction	Mass
3	Mushroom entrepreneurs meet	17.08.19	Mangalapur	Farmers scientist interaction	89
4	World Food Day	16.10.19	Basudeipur	Nutritional Food security	50
5	Jal Shakti Abhiyan	14.08.19 29.08.19	Anadapur bagalpur	Awareness on Water conservation and rainwater harvesting techniques	55
6	Web Telecast programme on Pasu Dhan	11.09.19	KVK campus	Vaccination of animal and FMD & Brucellosis	132
7	Tree Plantation Programme	17.09.19	KVK campus	Awareness on large scale Tree Plantation & distribution of seedling Programme	201
8	Celebration of 150th birth anniversary of Mahatma Gandi	21.09.19	Gadapadan pur	Awareness on clean environment	125
9	Web Telecast programme on Fertilizer Application Awareness for farmers	22.10.19	KVK campus	Awareness on safe use of pesticide	290
10	Animal health camp	1.11.19	Bagalpur	Vaccination and distribution of mineral mixture	100
11	Odisha Mushroom Growers' Federation 9th State Conference	21.12.19	Pipili	Inauguration of Mobile app for mushroom grower and mushroom paper bag for packaging and farmers' scientist interaction	214

Incidence of FANI on 3rd May, 2019 and its devastation in KVK



Damage of farm godown and demo units


Visit of DDA, Puri and DEE,OUAT to KVK


Restoring of Paddy seed after FANI


Restoring of Blackgram seed after FANI

STEPS TAKEN FOR FARMING COMMUNITY AFTER FANI

Sl. No	Name of the variety	Convergence with the Institution	Quantity (Qtls.)	No of villages/Beneficiaries	Remarks
1.	Bina -11	IRRI	6.6	20 Distribution of paddy seed 21 Villages 74 Beneficiaries	
2.	Swarna sub -1	IRRI	7.30		
3	CR 1009 sub -1	IRRI	1.0		
4.	Swarna	IFFCO	30	30/200	Coconut/ Banana seedlings, fertilzer (45 q) micronutrient
5.	CR 1009 sub -1	CIWA	30	1/150	
Total			**74.9**	**424**	

Visited with scientists of ICAR, CCARI, Goa to Gop, Astaranga, Satyabadi blocks and surveyed the FANI affected villages and distributed vegetable seeds and animal feed supplements to the farmers. One Animal health Camp was also organized in convergence with line department and KVK at Satyabadi

Progress Made under PROJECT ATTRACTING AND RETAINING YOUTH IN AGRICULTURE (ARYA), ICAR 2019-20

Enterprise name	No. of youth involved	Unit/No.	Measurable indicators of output in suitable unit		% increase	Economic of enterprise		
			Before adopting ARYA	After adopting ARYA		Gross cost	Net return	BCR
Mushroom	30	5 Units Established 10 Units Initiated	Avg. No. of Beds /yr-1505 Nos.	Avg. No. of PSM Beds /yr-2380 +Avg. No. of Oyster Bags/yr-90	58.13	Paddy straw mushroom for 8 months-Rs.2,92,320 Oyster Mushroo	Paddy straw mushroom for 8 months-Rs.149,520 Oyster Mushroo	2.05
			Avg. Annual Production-1063.98kg	Avg.	83.16			

				Annual Production-1948.8kg		m for 2 months-Rs.6,090	m for 2 months-Rs.3390	
			Avg. Production/ Bed-0.708kg	Avg. Production/ Bed-0.82kg	15.81			
			Avg. Employment Generation/ annum-160	Avg. Employment Generation/ annum-202	26			
			Avg. Gross Income per annum-Rs.1,38,317	Avg. Gross Income per annum-Rs.2,98,410	115			
Poultry	30	5 Units Established 10 Units Initiated	Avg. body weight Banaraja-1.9Kg	Avg. body weight Banaraja-2.1Kg	Banaraja-10.5%	Banaraja-26000	Banaraja-42040,	2.61
			Avg. body weight Kadaknath-1.45Kg	Avg. body weight Kadaknath-1.7 Kg	Kadaknath-17%	Kadaknath-25000	kadaknath-53625	3.1
			Mortality rate -12%	Mortality rate -10%	-	-	-	-
Apiary	30	5 Units Established 10 Units Initiated	Additional Employment Generation/yr-12	Additional Employment Generation/ yr-27	**125**	Rs.14,100 Avg. Boxes/ Unit-3 Nos.	Rs.4,460 Avg. Boxes/ Unit-3 Nos. (Support from Project - Rs.6940 & own investment Rs.2700)	1.46
			Avg. Honey Production/Box-3 kg	Avg. Honey Production/ Box-4.5 kg Bee Colony-2 Nos./Box	**50**			
			Additional Gross Income-Rs.1800/Box	Additional Gross Income-Rs.4700/box	**161**			
Fish production with fish seed	30	5 Units Established 10 Units Initiated	Avg. body weight of fish (kg) – 0.520	Avg. body weight of fish (kg) – 0.830	59.61	Rs 1,97,600/ha/year	Rs 2,58,900/ha/year	2.31
			Avg. fish production (qtl/ha/year) – 28.75	Avg. fish production (qtl/ha/year) – 41.50	44.34			
			Avg. Gross Return (Rs/ha/year) – 2,87,500	Avg. Gross Return (Rs/ha/year	58.78			

				) – 4,56,500				
			Avg. employment generation per annum - 97	Avg. employment generation per annum - 123	26.80			

ARYA UNITS OF KVK,PURI			
			
Mushroom Unit	**Poultry Unit**	**Apiary Unit**	**Pisciculture Unit**

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

	
Odisha Mushroom Growers' Federation 9th State Conference	**Mr. Radheshyam Biswal awarded OUAT Foundation Day**
	
Fertilizer awareness programme	**Tree plantation programme**

	
Address by Senior Scintist & Head in Go Sambardhana Mela at Bhagal pur	**Celebration of soil day with farmers**
	
Diagnostic Field Visit with Line Dept.officials	**Inaguration of Extension Literature in SAC Meeting**
	
Swachhata abhiyan at Puri sea beach	**Visit of Hon'ble Agriculture Minister to KVK Exhibition stall at Odisha Mushroom Growers' Federation 9th State Conference**

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