PROFORMA FOR ANNUAL REPORT 2020 (January 2020 to December 2020)

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 Jan, 2021)**

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./-24170	15.09.17	Permanent	Others
2	Subject Matter Specialist	Dr.Sumita Acharya	Scientist (H.Sc.)	Home Science	15600-39100 (GP-6000) RS./-23950	18.06.18	Permanent	Others
3	Subject Matter Specialist	Mrs DipsikhaParamjita	Scientist (Agril.Engg.)	Agriculture Engineering	15600-39100 (GP-6000) RS./- 23070	23.11.18	Permanent	Others
4	Subject Matter Specialist	Sri Manas Ranjan Behera	S.M.S(Fishery)	Fishery	15600-39100 (GP-) 5400 RS./- 16880	18.07.18	Permanent	Others
5	Subject Matter Specialist	MsSonita Rani Sethy	S.M.S.(Agril.Extn.)	Agriculture Extension	15600-39100 (GP-) 5400 RS./- 16880	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./- 16900	17.08.15	Permanent	Others
10	Farm Manager	MrsNeeva Mohapatra	Farm Manager	Plant physiology	9300-34800 (GP-) 4200 RS./-11470	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	1.09.15	Permanent	Others

					RS./-8580			
14.	Driver	Sri Jitendra Pradhan	Driver cum Mechanic	Office	5200-20200 (GP-) 1900 RS./- 8580	12.08.16	Permanent	Others
15.	Supporting staff	Sri BabajiSethi	Peon cum Watchman	Office	4440-7440 (GP-) 1700 RS./-6780	7.8.08	Permanent	SC
16.	Supporting staff	Sri BrajabandhuSahani	Peon cum Watchman	Office	4440-7440 (GP-) 1700 RS./-6780	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		√ (Roof 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	Nil							

	harvesting structure								
7	Threshing floor	Nil							
8	Farm godown	√	√ (Roof completed)						
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 house					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	Azolla Unit					Yes		Use	Fund of KVK

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
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
Laptop(1No)	2020	29780	Working condition	ICAR, ARYA
Desktop (1 No)	2020	59000	Working condition	ICAR, ARYA
LCD Projector (2no)	2006 2018	38858	Repairable Working	ICAR
Projector Screen (2No)	2006 2018	4990	Working condition	ICAR
Sound system 1no	2006	15420	Working condition	ICAR
Portable Sound system, 1 No	2020	15000	Working condition	ICAR, ARYA
Digital camera	2017	17900	Working condition	ICAR
Digital camera	2020	80000	Working condition	ICAR, ARYA
Printer cum xerox	2016	44751	Working condition	ICAR
Printer cum scanner (1no)	2020	20000	Working condition	ICAR, ARYA

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Phowrah	2017	440	Working	ICAR
Sickle	2017	220	Working	ICAR
Crowbar	2017	750	Working	ICAR
Gaintee	2017	300	Working	ICAR
Katuri	2017	375	Working	ICAR
Handhow	2017	160	Working	ICAR
Kodi	2017	350	Working	ICAR
Axe	2017	300	Working	ICAR
Garden rake	2017	330	Working	ICAR

Sickle	2017	220	Working	ICAR
Spade (3no)	2017	390	Working	ICAR
Phowrah	2015	200	Working	ICAR
Sabal	2015	640	Working	ICAR
Grafting knife	2017	190	Working	ICAR
Hedge cutter	2017	160	Working	ICAR
Secateurs	2018	310	Working	ICAR
Secateurs	2018	345	Working	ICAR

1.8. Details of SAC meeting* conducted in the year

The 15th SAC meeting of KVK Puri was organized on dt.05.02.2020 at KVK campus. The meeting was chaired by Prof. P.J.Mishra, JDE(VP), OUAT, BBSR

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	05.02.2020	25	Develop an organic input production unit in KVK campus	A unit consisting of Panchagabya, Fish tonic,Egg tonic, Jeevamrita, Handikhata, Nimba pachan, vermi wash etc has been established	
			Develop linkage with IIHR, Bangalore and Input dealers of the district for availability of "ARKA fermented coco peat" taken in the OFT programme	ealers were aware about the availability of products of IIHR. Further 50 farmers/ dealers were participated in farmers' fare organised by IIHR	
			Document the impact of technology demonstrated in farmer's field	Impact of technologies of different crops and enterprises have been documented (success story, news paper coverage, video clips etc)	
			Formation of FPOs and establishing both forward & backward linkage thereof	3 FPOs have been formed with the support of KVK and discussed with NABARD personnel for linkage .	
			Beautify the campus to enrich the knowledge of visitors and extension functionaries due to privileged location of KVK adjacent to national highway.	Ornamental and flowering plants, ridge furrow model, crop cafeteria , IFS model and other demo units have been developed and maintained	
			Popularize mechanical line transplanting of Paddy focusing on management of MAT type nursery	An OFT has been conducted in Inchola village in association with CAET, OUAT and Line department officials.	
			Assess the effect of mulching in Pumpkin followed by raising in polythene to avoid delay.	Under taken trials in KVK instructional farm	

			Conduct training and demonstration on "Biofloc" and "Kadaknath" and also to take up demonstration of "Brooding of chicks"	Conducted training and visited 5 Biofloc units in Brahmagiri and Krushnaprasad block with Line Deptt. and recommended thereof. Conducted FLD on Kadaknath and brooding of chicks	
			Conduct FLD programme on "Integrated farming system with judicious combination of available crops and enterprises like fruits, vegetables, mushroom, poultry and fishery	FLD on Integrated farming system has been conducted involving 20nos. of beneficiaries of Delanga, Satyabadi and Nimapada block. (Critical inputs – Fingerlings of IMC, Saplings of Papaya and Drumstick, Mushroom spawn, Poultry chicks etc.)	
			Send all the crop advisories to Radio station, Puri for broadcasting in "Kissan Vani" programme	Sending need based advisories to radio station, Puri in regular intervals.	
			Recommend the names of successful farmer/ farmwomen to share their experience and success to motivate other farmers of the district	List of 14 farmers of different crops and enterprises recommended by KVK, have already been broadcasted in "Kissan Vani" programme.	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

PROCEEDINGS OF THE 15th SCIENTIFIC ADVISORY COMMITTEE MEETING OF KVK, PURI

The 15th SAC meeting of KVK Puri was organized on dt.05.02.2020 at KVK campus under the chairmanship of Prof.(Dr).Prasanjit Mishra, Joint Director (Extension), Video Project, DEE, OUAT, Bhubaneswar. Dr.P.P.Pal, Principal Scientist, ATARI, Kolkatta attended the meeting. Then, Dr.S.K.Mohanty, Senior Scientist and Head, KVK, Puri briefly welcomed all the respected members as well as special invitees and requested the Chairman to start the meeting. After a brief introductory remark about functioning of KVK, importance of SAC meeting and participation of the members towards better implementation of the activities, the Chairman asked the Senior Scientist & Head to start the proceedings as per the agenda. (Members present in the meeting are annexed herewith).

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

The Senior Scientist and Head, KVK, Puri presented the proceedings of 14th SAC programme in brief. The Chairman taking the consent of the members approved the proceedings.

Agenda 2: Action taken on the proceedings of the last SAC meeting held on 13. 03. 2019

Sl No.	Recommendations /Suggestions	Action Taken
1	Emphasis is to be given on convergence with all departments	ARYA convergence meeting held at KVK campus on and detailed work plan on Honey bee, Mushroom, Pisciculture l poultry was shared with all line department officials. Demonstration of Whole straw paddy thresher, hole digger, paddy harvester, power weeder and solar pump were nducted in association with CAET, OUAT and AAE, Puri. Animal health camp, vaccination programme and exhibition were conducted with officials of ARD. Convergence held with National Fisheries Development Board and fishery deptt on demonstration of improved fish ieties i.e. Jayanti Rohu, Amur Carp under Blue revolution/ RKVY schemes involving trained rural youth of KVK & CI trainees ATMA Farmers' field school was conducted on pisciculture by KVK scientist. Convergence programme in different villages of the district were conducted in association with IRRI, District line ptt (BGREI, NFSM, SREP(ATMA)), other organizations like IFFCO, KRIBHCO and ICAR institutes like CIWA, ntral Coastal Research Institute,Goa
2	Development of case studies of successful farmers/farmwomen with process documentation	ccess story of following farmers have been documented. Sri Laxman Bastia- Mushroom Spawn production Sri Batakrushna Swain- Integrated Fish Farming Sri Naresha Swain – Innovation in Pisciculture Sri Sanjit Mohanty- Mushroom Production & Value addition The Mobile App named "MUSHROOM KVK PURI" in vernacular language has been developed by KVK.
3	Demonstration of a coconut & fishery based farming system model in farmers' field.	Coconut & Fishery based farming system model have been developed in farmers' field of Mahendra Behera of village na (Gop Block), Prasant Ku. Pradhan of village Singhberhampur & Batakrushna Swain of village Machapada (Delanga ck)and Chandan Khuntia of village Gualigorada (Nimapada Block)
4	Training to SHGs on preparation of coconut based handicraft products	➢ Training conducted at Bagalpur involving members of SHG Federation on production of coir product
5	Vermicompost production using spent mushroom substrate and then popularizing the technology.	➢ Training / Method demonstration/ Awareness program on " vermicomposting technology" have been conducted during celebration of Swachha Pakhwada.
6	Training to Farm women on Post harvest handling of mushroom and spawn production	➢ OFT is conducted on packaging of paddy straw mushroom, ➢ Vocational training on "preparation of value added products from oyster mushroom" was imparted to Farm women.

Agenda 2: Achievements made by the KVK.

The Senior Scientist and Head of KVK, Dr. Sanjay Kumar Mohanty presented the overall achievements made by the KVK during the year 2018-19 and Kharif 2019. He also presented the status and impact of different commodities like rice, oilseed & pulses, mushroom, fishery and farm mechanization in the district for last 10 years and contribution made by KVK in this regard. He then presented the ongoing activities conducted during Rabi season of 2019-20. Morever, 8 OFTs, 18 FLDs and 65 nos. of trainings were conducted during the year 2018-19.

Then the chairman invited suggestions from the SAC members on the prevalent problems in the district and solutions thereof. The suggestions of SAC members are as follows:-

Joint Director (Extension), DEE, OUAT, Bhubaneswar

- Appreciated the FLD programme conducted by KVK on artificial pollination in Pointedgourd.
- Advised to develop an organic unit in KVK campus and involve Extension functionaries of the concerned block in Field Day programme of FLD.

Principal Scientist, ATARI, Kolkatta

- Dr.P.P.Pal, Principal Scientist, ATARI, Kolkatta briefed the house that activities taken by KVK are vibrant, healthy and benevolent to the farmers of the district.
- Advised to present the result of trial / demonstration in the action taken report presented by KVK for better clarity of the members as well as impact of KVK in the district.
- Suggested to limit the technology options for an "On Farm Testing" to only TO_1 & TO_2, develop linkage with IIHR, Bangalore and Input dealers of the district for local availability of "ARKA fermented coco peat" taken in the OFT programme.

Associate Director of Research, OUAT, RRTTS, Coastal Zone, Bhubaneswar

- Appreciated the FLD programme on "Management of Thrips and Mites in Chilli".
- Suggested recording the data on water conservation parameters in FLD programme of "Mulching in Pointedgourd" and also involve veterinairy officers of the concerned block in FLD programme on " Brooding management in chicks".

Principal Scientist, ICAR Representative

- Advised KVK scientist to go for impact study of technology demonstrated in farmer's field.
- Stressed upon formation of FPOs and establishing both forward & backward linkage thereof.
- Emphasized on documentation of each and every activities conducted by KVK.

Chief District Agriculture Officer, Puri

- Expressed his satisfaction for taking different activities on major crops and enterprises of the district.
- Advised to beautify the campus to enrich the knowledge of visitors and extension functionaries due to location of KVK adjacent to national highway.
- Suggested to popularize mechanical line transplanting of rice focusing on management of MAT type nursery.

Assistant Director Horticulture, Puri

- Suggested to popularize the coconut (local varieties of GOA) and Andhra Patkapura variety of Banana in the district for better marketing and demonstration of kharif marigold in the KVK campus.
- Advised to assess the Arjun variety of Pumpkin in polythene to avoid delay, followed by field transplanting with mulching.
- Suggested to develop a floriculture unit in KVK campus.

Chief District Veterinary Officer, Puri

- Suggested to conduct demonstration of "Kadaknath" extensively in the entire district and also to take up demonstration on "Brooding of chicks".

District Fishery Officer, Puri

- Suggested to conduct training programme on " Biofloc" and develop a nursery pond in KVK campus
- Advised to conduct FLD programme on "Integrated farming system" with judicious combination of available crops and enterprises like fruits, vegetables, vermicompost, mushroom, poultry and fishery.

ASCO, Puri

- Highly appreciated the pineapple plantation in Ridge-furrow model of KVK campus and suggested to cover more area for an eye catching model.

Director, All India Radio

- Suggested to send all the crop advisories to Radio station, Puri for broadcasting in "Kisan vani" programme.
- Advised to give name of successful farmer / farmwomen to share their experience and success to motivate other farmers of the district.

DSW, Puri

- Requested to conduct capacity building programme for SHG members at cluster level.

Senior Scientist & Head, KVK, Jagatsinghpur

- Appreciated the activities taken by KVK.
- Suggested to demonstrate a floriculture unit in KVK campus.

Farmers' Representatives-

Farmers, farmwomen representatives Mr. Dilip Baral, Mr.Sangram Kesari Patra, Mrs. Laxmi Sethi and Mrs.Gouripriya Mohapatra shared their experiences on different farm activities and demanded training on strengthening market linkage, pond management, seed storage and mushroom production from loose straw.

Chairman thanked all the members for their active participation and healthy discussions. The members and dignitaries appreciated the efforts of KVK, Puri in developing farming community through agriculture and allied means.

During the day, eight numbers of publications in vernacular language were released by the dignitaries for the benefit of the common farmers of the district. The important publications were "Low cost implements available for small & marginal farmers, Pineapple Intercropping in coconut orchard, Rearing of Kadaknath Chicks, Fresh water prawn culture" etc.

The recommendations of SAC are as follows:

- Develop an organic unit in KVK campus.
- Develop linkage with IIHR, Bangalore and Input dealers of the district for local availability of "ARKA fermented coco peat" taken in the OFT programme.
- Document the impact of technology demonstrated in farmer's field.
- Formation of FPOs and establishing both forward & backward linkage thereof.
- Beautify the campus to enrich the knowledge of visitors and extension functionaries due to location of KVK adjacent to national highway.
- Popularize mechanical line transplanting of Paddy focusing on management of MAT type nursery.
- Popularize the Coconut (local varieties of GOA) and Andhra Patkapura variety of Banana in the district for better marketing and demonstration of kharif marigold in the KVK campus.
- Assess the raising of Arjun variety of Pumpkin in polythene to avoid delay, followed by transplanting.
- Conduct training and demonstration on "Biofloc" and "Kadaknath" respectively covering all the blocks of the district and also to take up demonstration of "Brooding of chicks".

- Conduct FLD programme on "Integrated farming system" with judicious combination of available crops and enterprises like fruits, vegetables, vermicompost, mushroom, poultry and fishery.
- Send all the crop advisories to Radio station, Puri for broadcasting in "Kissan Vani" programme.
- Recommend the names of successful farmer / farmwomen to share their experience and success to motivate other farmers of the district.

The meeting ended at 2.30 PM with vote of thanks by Dr.Sumita Acharya, Scientist (H.Sc.) to the chair and participating members.

4/2/24.

Senior Scientist & Head, KVK, Puri Member Secretary, SAC	Joint Director Extension (VP) O/O DEE , OUAT Chairman, SAC, KVK, Puri	Dean Extension Education, OUAT, Bhubaneswar

Annexure

List of participants with address and status in the meeting

Sl No.	Name of the participant	Designation with address	Status
1	Prof. P. J. Mishra	JDE(VP), OUAT, BBSR	Chairman
2	Dr. P.P.Pal	Pr.Scientist, ICAR-ATARI, Kolkatta	Member
3	Prof. Pravat Kumar Sarangi	ADR, RRTTS, Coastal Zone, Bhubaneswar	Member
4	Mr. .S.Chandrasekhar Rao	Chief District Agriculture Officer, Puri	Member
5	Mr. Patitapabana Samantaray	Assistant Director of Horticulture, Puri	Member
6	Dr. Prashana Kumar Prusty	Chief District Veterinary Officer, Puri	Member
7	Mr. Debendra Kumar Behera	District Fishery Officer, Puri	Member
8	Puspanjali Mohapatra	DSWO, Puri	Member
9	Ankita Mishra	ASCO, Puri	Member
10	Dr. P. Nanda	Pr.Scientist, ICAR-IIWM, Bhubaneswar	Member
11	Mr. Braja Kishore Mohanty	Chief Manager, LDM, Puri	Member
12	Dr. B.R.Pattnaik	Senior Scientist and Head, KVK, Jagatsinghpur	Member
13	Mrs. Kalpana Parida	Head of Programme, AIR, Puri	Member
14	Mr. Santosh Kumar Mishra	ICAR Nominated Farmer	Member
15	Sri Dillip Kumar Baral	Progressive Farmer	Member
16	Sri Sangram Kesari Patra	Progressive Farmer	Member
17	Mrs. Laxmi Sethi	Farm Women	Member
18	Mrs. GouripriyaMohapatra	Farm Women	Member
19	Dr.SumitaAcharya	Scientist, Home Science	Nominated Member
20	Mr.Suvendu Nayak	Agronomist, Sakhigopal, Puri	Invited Member
21	Dr. Sanjay Kumar Mohanty	Senior Scientist and Head, KVK, Puri	Member Secretary
22	Er.DipsikaParamjita	Scientist(Ag Engg)	Member
23	Mr. Manas Ranjan Behera	SMS(Fishery Science)	Member
24	Miss. Sonita Rani Sethy	SMS (Ag. Extension), KVK, Puri	Member
25	Mrs. Neeva Mahapatra	Farm Manager	Member

2.a. District level data on agriculture, livestock and farming situation (2020)

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 (2020)

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 10. 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 4. Lack of INM and management 5. Low yield, Sigatoka, Panama wilt, fruit & shoot borer 6. Lack of fodder, proper nutrition, costly feed, disease, parasite 7. Local breed with low output, disease 8. Inbreeding, faulty buck /kid/ doe management, nutrition, disease & parasite	• Paddy -HYV, aromatic rice, IDM,IPM,INM,IWM • Pulse - HYV, IDM, IPM, INM ,IWM, soil management, use of bioagents, chemicals • Vegetables - HYV, IDM, IPM, INM, IWM, floriculture, soil management • Coconut- INM, Pest management • Banana- HYV tissue culture , IDM, IPM, INM, IWM • Integrated fish farming and fish health management • Feeding and Health management of dairy animals and small ruminants • Profitable dairy and goat farming • Commercial and backyard poultry farming • Commercial floriculture and organic farming

		11. Mushroom 12. Apiary 13. Vermicompost	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	• 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 Abalapur	1. Paddy 2. Pulse 3. Vegetable 4. Coconut 5. Banana 6. Dairy 7. Poultry 8. Goat 9. Inland fishery 10. Mushroom 11. Apiary 12. Vermicompost	1. Low yield, disease, pest, weeds,submergence/ flood tolerant 2. Low yield, disease pest, lack of INM,IDM,IPM, Biopesticide/agents, soil salinity ,indiscriminate use of chemicals 3. Low yield, lack of high yielding variety, unavailability of planting material, disease pest & weeds 4. Lack of INM and management 5. Low yield, Sigatoka, Panama wilt, fruit & shoot borer 6. Lack of fodder, proper nutrition, costly feed, disease, parasite 7. Local breed with low output, disease 8. Inbreeding, faulty buck /kid/ doe management, nutrition, disease & parasite 9. Pond management, unavailability of	• 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

			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	• 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 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	• 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

			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	• 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 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	• 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

			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	• 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	• 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

			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	• 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,	• 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

			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	• Profitable dairy and goat farming • Commercial and backyard poultry farming • Commercial floriculture and organic farming • Farm mechanization for timely operation and save high Labour cost • Value addition to fruits, vegetables, milk and low cost marine fish and prawn • Profitable poultry and duckery • Fish seed production in small ponds • Fish production in low saline coastal zone • Aquatic weed infested pond • Inland Water Bodies for multiple production • Resources for multiple cropping • Coconut orchard for intercrop • Promotion of coir industry • Promotion of agroeco tourism • Promotion of brackish water prawn export • Organic farming
Sadar	Naiguan, Arala, Tulasichaura, Alasankha Kapileswarpur Rendua	1. Paddy 2. Pulse 3. Vegetable 4. Coconut 5. Banana 6. Dairy 7. Poultry 8. Goat 9. Inland fishery 10. Mushroom 11. Apiary 12. Fish Production	1. Low yield, disease, pest, weeds,submergence/ flood tolerant 2. Low yield, disease pest, lack of INM,IDM,IPM, Biopesticide/agents, soil salinity ,indiscriminate use of chemicals 3. Low yield, lack of high yielding variety, unavailability of planting material, disease pest & weeds 4. Lack of INM and management 5. Low yield, Sigatoka, Panama wilt, fruit & shoot borer 6. Lack of fodder, proper nutrition, costly feed, disease, parasite	• 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

			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	• 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	• 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

			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	• 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
Brahmagiri	Badadiandi Gadarodanga	1.Fish production	12.	• Fish seed production in small ponds • Fish production in low saline coastal zone • Aquatic weed infested pond • Promotion of brackish water prawn export

2. c. Details of village adoption programme:

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

Name of village	**Block**	**Action taken for development**
Otekera, Sanabhimdaspur,	Satyabadi	OFT,FLD, Training, Awareness, Advisory Soil & Water test, Extension Activities. Establishment of mushroom and apiary unit under ARYA project

Bhagalpur Kanhupur, Jipur , Bhutpada, Biswanathapur Dubduba, Panchukera, Jayapur, Nuasahi		
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

Achievements on technologies assessed and refined

OFT-1(Agronomy)
Kharif-2020

1.	Title of On farm Trial	**Assessment of deep water rice varieties in Kharif**
2.	Problem diagnosed	**Lower** yield due to less tolerant of prevailing varieties to water logging
3.	Details of technologies selected for assessment/refinement	Farmers Practice (FP): Sarala Technology option-I (TO-I): CR505 Technology option-II (TO-II): CR 506 Technology option-II (TO-II): CR 507
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	**NRRI, Cuttack**
5.	Production system and thematic area	Paddy – Pulse, Varietal evaluation
6.	Performance of the Technology with performance indicators	**Water submergence period, Effective panicles/m2, No of Filled grains /Panicle, 1000 grain weight**
7.	Final recommendation for micro level situation	Variety CR-507 was appreciated by the farmers
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Training, Group Discussion

Thematic area: varietal evaluation

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

Technology assessed: varietal evaluation of deep water paddy varieties CR505, CR 506 & CR 507

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Plant height (cm)	Parameter (Effective tillers/m2)	Test wt. (100 grain wt.)						
FP	7	98	203	-	-	33.8	37600	50700	13100	1.34
$T O_1$	7	137	227	-	-	38.6	37600	57900	20300	1.53
$T O_2$	7	138.5	233	-	-	41.9	37600	62850	25250	1.67
$T O_3$	7	142.5	240	-	-	42.8	37600	64200	26600	1.7

Results: Variety CR-507 was appreciated by the farmers and yield increased 26.6% than FP.




OFT-2 (Plant Protection)
(Rabi 19-20)

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	FP: Spraying of triazophos/ propenophos/cypermethrin TO_1: Nursery treatment with carbofuran 3G@ 1.5 /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 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)	TO1: OUAT-2015 TO2: OUAT annual report -2017
5.	Production system and thematic area	Rice –rice, Integrated pest management
6.	Performance of the Technology with performance indicators	No of white earheads / m^2 ,No of egg mass/m2,No. of deadheart/sq.mt
7.	Final recommendation for micro level situation	Availability of Trichocards at panchayat level
8.	Constraints identified and feedback for research	Evaluation of efficacy of new generation chemicals against lepideptoran insect.
9.	Process of farmers participation and their reaction	Group meeting, interactive discussion and Training

Thematic area: Integrated pest management

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 /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 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			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of white ear head/sq.m	Percentage of dead heart	Test wt. (1000 grain wt.)						
FP	7	4.86	13.24	22.3	-	44.2	42200	64090	21890	1.51
T O_1	7	0.82	4.12	22.6	-	54.8	46710	79460	32750	1.70
T O_2	7	0.76	3.98	22.5	-	56.7	47600	82215	34615	1.72

Results: : Evaluation of efficacy of new generation chemicals against lepideptoran insect.





OFT-3 (Plant Protection)
(Rabi 19-20)

1.	Title of On farm Trial	**Assessment of integrated leaf miner management in tomato**
2.	Problem diagnosed	Low yield in Tomato due to heavy incidence of leaf miner
3.	Details of technologies selected for assessment/refinement	FP: Spraying of triazophos/cypermethrin/chloropyriphos TO_1: 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 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&Cyromazine 50WP @ 2gm/ltr at 10 days interval.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Kerla Agriculture University, 2015
5.	Production system and thematic area	Rice-tomato , Integrated pest management
6.	Performance of the Technology with performance indicators	No. of mines / plant, Yield(q/ha) and B:C Ratio
7.	Final recommendation for micro level situation	Biopesticide for management of miner.
8.	Constraints identified and feedback for research	Identification of parasites & predators of invasive pest and development of tolerant variety
9.	Process of farmers participation and their reaction	Group meeting, Training and Interactive discussion

Thematic area: Integrated pest management

Problem definition: Low yield in Tomato due to heavy incidence of leaf miner

Technology assessed:

TO_1: 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 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&Cyromazine 50WP @ 2gm/ltr at 10 days interval.

Table:

Technology option	No. of trials	Yield component			Percentage of infestation	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Parameter (No of mines/plant)	No. of spikelet per panicle	Test wt. (100 grain wt.)						
FP		5.41				312	111876	234000	122124	2.09
T O_1		0.82				355	114312	266250	151938	2.32
T O_2		0.63				381	118465	285750	167285	2.41

Results:



OFT- 4 (Plant Protection)
(Kharif - 20)

1.	Title of On farm Trial	**Assessment of integrated management practices of Neckblast in Paddy**
2.	Problem diagnosed	**Low yield due to high incidence of Neckblast**

3.	Details of technologies selected for assessment/refinement	Farmers Practice (FP): Spraying of tricyclazole @ 2ml / litre of water after the incidence of disease Technology option-I (TO-I): Avoid dry nursery, late planting, burning of straw stubbles, remove weeds from the bunds and apply N in 3 splits.Seed treatment with Tricyclazole 75 WP @ 2gm/Kg of seed. Spraying of (Tricyclazole22% + Hexaconazole 3% SC) @ 2ml/ ltr thrice at weekly interval starting from booting stage. Technology option-II (TO-II): Avoid dry nursery, late planting, burning of straw stubbles, remove weeds from the bunds and apply N in 3 splits.Seed treatment with Tricyclazole 75 WP @ 2gm/Kg of seed. Alternate spraying of Metominostrobin 20SC and Azoxystrobin 20SC @ 1ml/ltr at 10 days interval starting from booting stage
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	**TNAU, Coimbatore,2016, Nepal Agriculture Research Council, 2017**
5.	Production system and thematic area	**Paddy-Pulse ,** Integrated Pest management
6.	Performance of the Technology with performance indicators	**Yield (q/ha), B:C ratio, No. of infected plant**
7.	Final recommendation for micro level situation	**farmers appreciated Nativo for better growth & low disease incidence**
8.	Constraints identified and feedback for research	Development of tolerant variety and availability of suitable recommended bio pesticides
9.	Process of farmers participation and their reaction	Group meeting, Training, Field visit

Thematic area: Integrated Pest management

Problem definition: **Low yield due to high incidence ofNeckblast**

Technology assessed: Technology option-I (TO-I): Avoid dry nursery, late planting, burning of straw stubbles, remove weeds from the bunds and apply N in 3 splits.Seed treatment with Tricyclazole 75 WP @ 2gm/Kg of seed. Spraying of (Tricyclazole22% + Hexaconazole 3% SC) @ 2ml/ ltr thrice at weekly interval starting from booting stage.

Technology option-II (TO-II): Avoid dry nursery, late planting, burning of straw stubbles, remove weeds from the bunds and apply N in 3 splits.Seed treatment with Tricyclazole 75 WP @ 2gm/Kg of seed. Alternate spraying of Metominostrobin 20SC and Azoxystrobin 20SC @ 1ml/ltr at 10 days interval starting from booting stage

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 infected panicle/sq. m	No. of spikelet per panicle	Test wt. (1000 grain wt.)						
FP		26				42.6	39275	61770	22495	1.57
T O_1		9.8				49.4	40145	71630	31485	1.78
T O_2		8.3				51.3	40545	74385	33840	1.83

Results:



OFT-5 (Agril. Engg)
Rabi-19-20

1.	Title of On farm Trial	**Assessment of Tractor drawn Whole straw Paddy Thresher for bundle straw production**
2.	Problem diagnosed	High demand for bundle straw for mushroom production in low cost

3.	Details of technologies selected for assessment/refinement	**FP -** Use of pedal Thresher **T O_1 -** Power thresher cum winnower **T O_2 -** Tractor drawn whole straw Paddy thresher
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Technology tested at CAET, OUAT, Bhubaneswar
5.	Production system and thematic area	Paddy-Pulse, Farm Mechanization
6.	Performance of the Technology with performance indicators	**Threshing capacity(q/h) ,Cost of threshing(Rs/q), Time (h) for 45q**
7.	Final recommendation for micro level situation	**Mushroom farmers are satisfied with the performance of Whole straw Paddy thresher . Farmers are motivated to purchase the implement. This implement requires extensive demonstration for adoption among the mushroom grower**
8.	Constraints identified and feedback for research	If the machine will be operated continuously 8 hrs for 5 days, then the pegs of threshing drum leads to detachment. So frequent welding is required. Therefore the design of pegs of threshing drum needs to be improved to avoid detachment.
9.	Process of farmers participation and their reaction	Training, Group discussion and large scale demonstrations

Thematic area: Farm Mechanization

Problem definition: High demand for bundle straw for mushroom production in low cost

Technology assessed: **T O_1 -**Power thresher cum winnower, **T O_2 -** Tractor drawn whole straw Paddy thresher

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
		Threshing capacity(q/h)	Cost of threshing(Rs/q)	Time (h) for 45q						
FP	07	0.35	214.16/-	128.5		45	42420	69750	27330	1.64
T O_1	07	1.1	148/-	59		45	39442	69750	30308	1.76

T O $_2$	07	6.5	124/-	7.0		45	38383	69750	31367	1.81

Results:



OFT-6 OFT-5 (Agril. Engg)
Rabi-19-20

1.	Title of On farm Trial	Assessment of Self propelled Rice transplanters for mechanized line transplanting in Rabi season
2.	Problem diagnosed	High labour cost and more time involved in manual line transplanting
3.	Details of technologies selected for assessment/refinement	FP: Manual line Transplanting with the help of rope and guide TO1:Self Propelled 8-row Rice Transplanter TO2: 4-row Walk behind type Self Propelled Paddy Transplanter
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	TO1: Released by AICRP on FIM, CAET, OUAT,2015 as transferrable technology TO2: Validated by AICRP on FIM, CAET, OUAT, 2016
5.	Production system and thematic area	Fallow - Paddy , Farm mechanization
6.	Performance of the Technology with performance indicators	Field capacity(ha/h), Labour requirement(MDs/ha), No of missing hill / meter length
7.	Final recommendation for micro level situation	Operation of 4-row walk behind type transplanter is little bit easier than 8-row transplanter, but walking is very difficult in puddled land which

		induces more drudgery . So it is suitable for transplanting in small area.
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Training, Demonstrations and Group discussion

Thematic area: Farm mechanization

Problem definition: High labour cost and more time involved in manual line transplanting

Technology assessed: TO_1:Self Propelled 8-row Rice Transplanter

TO_2: 4-row Walk behind type Self Propelled Paddy Transplanter

Table:

Technology option	No. of trials	Yield component			Cost of operation (Rs/ha)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Field capacity (ha/h)	Cost of operation (Rs/ha)	No of missing hill / meter length						
FP	07	**0.0047**	9750/-	Nil	9750/-	46.2	43520	66990	23470/-	1.54
TO_1	07	0.143	5000/-	2-3	5000/-	45.8	38770	66410	27640/-	1.71
TO_2	07	0.143	5167.5/-	1-2	5167.5/-	46.3	38938	67135	28197/-	1.72




OFT- 7(Agril.Engg)
Kharif -20

1.	Title of On farm Trial	Assessment of 6-row Self propelled Rice transplanters for mechanized line transplanting in Kharif season
2.	Problem diagnosed	High labour cost and time involved in manual line transplanting
3.	Details of technologies selected for assessment/refinement	Farmers Practice (FP): Manual line Transplanting with the help of rope and guide Technology option-I (TO-I): Self Propelled 8-row Rice Transplanter Technology option-II (TO-II): 6-row Riding type Paddy Transplanter
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	Released by AICRP on FIM, CAET, OUAT,2015 as transferrable technology , Validated by AICRP on FIM, CAET, OUAT, 2016
5.	Production system and thematic area	Paddy-Pulse, Farm mechanization
6.	Performance of the Technology with performance indicators	Field capacity(ha/h), Time saving, Labour requirement(MDs/ha), No of tillers/hill, No of seedlings/hill
7.	Final recommendation for micro level situation	6-row riding type rice transplanter covers more area in less time. Since it ensures uniform row and hill spacing, thereby facilitates mechanical weeding
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Training, Interactive discussion and Demonstrations

Thematic area: Farm Mechanisation

Problem definition: High labour cost and time involved in manual line transplanting

Technology assessed: Technology option-I (TO-I): Self Propelled 8-row Rice Transplanter
Technology option-II (TO-II): 6-row Riding type Paddy Transplanter

Table:

Technology option	No. of trials	Yield component			No of missing hill / meter length	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Field capacity (ha/h)	Labour requirement (Mandays/ha)	Cost of operation (Rs/ha)						
FP	07	**0.0047**	32	10500/-	Nil	47.7	42450	66780	24330	1.57
T O_1	07	0.143	3	6500/-	2-3	47.4	38450	66360	27910	1.72
T O_2	07	0.4	2	4360/-	Nil	48.2	36310	67480	31170	1.85

Results:




OFT-8 (Fishery Science)
Kharif -2020

1.	Title of On farm Trial	**Assessment of efficacy of different probiotics on growth performance of carps**
2.	Problem diagnosed	Low fish yield and more susceptible to diseases due to non use of probiotics

3.	Details of technologies selected for assessment/refinement	Farmers Practice (FP): Feeding with artificial supplementary feed (GNOC and rice bran at 1:1) and no use of probiotics Technology option-I (TO-I): Application of Soil probiotic (Rid all) @ 1 kg/Ac-mt water area Technology option-II (TO-II): Application of Water Probiotic (Water spell) @ 5 Lit/ Ac-mt water area
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	College of Fisheries, OUAT
5.	Production system and thematic area	**Pond based** , Disease management
6.	Performance of the Technology with performance indicators	Additional income, yield q/ha, B.C. ratio
7.	Final recommendation for micro level situation	Application of water probiotics in To2 resulted more fish yield and additional income
8.	Constraints identified and feedback for research	Different water and soil probiotics should be tested for more efficacy
9.	Process of farmers participation and their reaction	Group meeting, interactive discussion, training, Field day

Thematic area: Disease management

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

Technology assessed: Technology option-I (TO-I): Application of Soil probiotic (Rid all) @ 1 kg/Ac-mt water area
Technology option-II (TO-II): Application of Water Probiotic (Water spell) @ 5 Lit/ Ac-mt water area

Table:

Technology option	No. of trials	Yield component			Avg. body wt. of Fish(kg)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	7	-	-	-	0.605	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 -20

1.	Title of On farm Trial	**Refinement 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	Farmers Practice (FP): Unwashed fruit bodies in polythene bags Technology option-I (TO-I): 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 paper Bags punched with 10 holes stored at room temperature Technology option-II (TO-II): Fresh Mushrooms Buds washed with potassium meta bisulphite (KMS 0.1%) and dipped in (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 20 holes (0.5 cm diameter) stored at room temperature

		Technology option-III (TO-III): Cleaned Fresh Mushrooms Buds with packed in paper Bags punched with 20 holes (0.5 cm diameter) stored at room temperature
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	PAU,2010, Farmer's Feedback
5.	Production system and thematic area	Coconut Orchard intercropping ,Value addition
6.	Performance of the Technology with performance indicators	Sensory Evaluation, Weight loss(%), Shelf life(Hours)
7.	Final recommendation for micro level situation	TO_2 was found to be the best in sensory evaluation test and mushrooms stored were fit for consumption after 24 hrs at room temperature.
8.	Constraints identified and feedback for research	Preparation cost of Paper bag is high and not available as per the demand of the farmers
9.	Process of farmers participation and their reaction	Group meeting, interactive discussion, training and demonstration

Thematic area: Value addition

Problem definition: Distress Sale and low income due to short shelf life

Technology assessed: Technology option-I (TO-I): 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 paper Bags punched with 10 holes stored at room temperature
Technology option-II (TO-II): Fresh Mushrooms Buds washed with potassium meta bisulphite (KMS 0.1%) and dipped in (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 20 holes (0.5 cm diameter) stored at room temperature
Technology option-III (TO-III): Cleaned Fresh Mushrooms Buds with packed in paper Bags punched with 20 holes (0.5 cm diameter) stored at room temperature

Table:

Technology option	**No. of trials**	**Appearance after 2 days**					**Yield (kg/bed**	**Weight loss (%)**	**Net Income**	**Additional**
		Colour	**Texture**		**(Rs/ha)Co**	**Overall**				

				(Rs./ha) Odour	nsumability	acceptability	)	(24 hr)	(48 hr)	/Bed	Income/ Bed
FP	10	+3	+3	+3	+3	+3	1	30	40	Rs.65/bed	-
TO_1	10	+2	+2	+2	+1	+2	1	2	10	-	-
TO_2	10	+4	+4	+4	+4	+4	1	10	40	Rs.85/Bed	Rs.15/Bed
TO_3	10	+4	+4	+4	+4	+4	1	35	44	Rs.70/bed	Rs.05/bed

Results:

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 punched with 20 holes (0.5 cm diameter) stored 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.


Trial on packaging practices of Paddy straw mushroom

OFT-10 (Home Science)
Round the year-20

1.	Title of On farm Trial	**Assessment of different media for nursery raising of quality vegetabl seedling production**
2.	Problem diagnosed	Low income of farm women due to under utilization of Coco-Peat
3.	Details of technologies selected for assessment/refinement	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	Paddy-Vegetable, Income Generation
6.	Performance of the Technology with performance indicators	Seedling mortality(%), height of the seedling, age of the seedling for transplanting(Days)
7.	Final recommendation for micro level situation	TO_2 -Better germination and vigorous uniform seedlings. Seedling raised on this growth media attain early transplanting maturity
8.	Constraints identified and feedback for research	TO_2 -Better germination and vigorous uniform seedlings. Seedling raised on this growth media attain early transplanting maturity.
9.	Process of farmers participation and their reaction	Arka Microbial Consortium not available in local market.
		Active participation of farmer from planning to execution. Encouraging response from the farmers end as they got better income due to higher yield.Group meeting, interactive discussion, training and demonstration

Thematic area: Income Generation

Problem definition: Low income of farm women due to under utilization of Coco-Peat

Technology assessed: 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

Table:

Technology option	No. of trials	Seedlings after 30 days			Seedling mortality % in field	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Germination (%)	No. of Leaves/ Plant	Height of seedlings (cm) at 25 days)						
FP	10	90	9.2	8.4	14.9	242.8	72200	194240	122040	2.69
TO_1	10	96	12.1	10.1	2.4	374.12	78600	299296	220696	3.80
TO_2	10	98	12.4	10.8	1.2	390.24	78800	312192	233392	3.96

Results: Use of Arka Microbial Consortium fermented Cocopeat for raising seedlings reduces the seedling mortality in main field thereby increases yield by increasing plant population in the main field.

Trial on different media for nursery raising of quality vegetable seedling production

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.	**Rice Kharif-20**	Varietal evaluation	**Demonstration of salt tolerant rice variety : Luna Suvarna during kharif** **FP-**	**2ha**	**1ha**					**10**		**10**		**10**	**Unavailability of seeds**

			Lalmedi(150days) RP- Cultivation of saline tolerant variety Luna Suvarna(CR-DHAN-403) suitable to coastal saline soil , 150 days duration, Height: 135 cm, Avg yield: 3.5- 4.0 t/ha, Resistant to Blast, Tolerance to Stem Borer, BPH, Leaf folder.												
2.	**Rice Kharif-20**	IWM	**Demonstration of herbicides for weed management in transplanted rice during kharif** FP- Two handweeding at 45 and 65 DAS RP- Pre émergence application of herbicide (Bensulfuron methyl 0.6%+ Pretilachlor 6.0%) @ 10 kg/ha at 3 DAT and post emergence application of penoxsulan 21.7SC @ 20g ai/ha at 15 DAT.	**2ha**	**2ha**					**10**		**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	Clay loam	219	11	95					

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

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

Groundnut (Rabi-20)	IWM	**Demonstration on Chemical weed management in Groundnut in Rabi** Oxy flurofen as pre emergence herbicide inhibits shoot and root growth due to rupture of the cell membrane. It is effective against most of the weed species like grasses and broadleaf weeds. Pre emergence application takes care of the early flush of weeds and post emergence application of imazethapyr takes care of grassy weeds emerged in later phases in pulses with ALS inhibition and restricts synthesis of essential aminoacids .	10	2	18.6	16.3	14.11	36300	93000	56700	2.56	35200	81500	46300	2.31
Total			10	2	18.6	16.3	14.11	36300	93000	56700	2.56	35200	81500	46300	2.31

* 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

Pre-emergence application

Post- emergence application

G.Nut field after herbicide application

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
Green gram	IPM	**Integrated management of YMV in green gram in Rabi** 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	10	2	7.6	5.8	66.37			13500	1.82			8500
	Total		10	2	7.6	5.8	66.37			13500	1.82			8500

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

** BCR= GROSS RETURN/GROSS COST




Other crops

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

Chilli Rabi- 19-20	IPM	**Demonstration of integrated management thrips& mites in chilli during Rabi** 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	237	194	22.16	No. of thrips /plant -2.83	No. of thrips/plant-8.12	76375	142200	65825	1.86	71250	116400	45150	

Betel vine Kharif - 2020	IPM	**Demonstration of Integrated management of Nematode in betel vine** FP- Use of Furadon/Chloropyriphos dust pesticides RP-Planting of Bengal yellow as trap crop, Soil application of VAM @ 15gm/plant and Neem cake @ 100gm/ sqr.mtr at 6" deep trench around the root zone	05	0.4	2700000	1800000	50			675000	650000	2160000	1440000	1485000	790000	3.2	
Pointed gourd	Natural resource conservation	**Demonstration of Mulching in Pointed gourd for water conservation and weed control in Rabi season** Use of 30 micron 4' width mulch film to conserve water and supress the weed growth	05	0.4	121	98.4	22.96	Weeding cost - 11250/- per ha Irrigation water used – 165mm	Weeding cost - 6750/- per ha Irrigation water used – 133mm	138246	302600	164354	2.18	118806	246000	127194	

Water Melon Rabi-19-20	Off season Vegetables	**Demonstration of portray raising of seedlings to avoid late planting of water melon 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	242	217.61	11.2	No. of fruits /plant 3.8	No. of fruits/plant 2.6	93700	193600	99900	2.06			65,283	1.75
Pointed gourd Rabi-19-20	Production of High Value crops	**Demonstration of artificial pollination in pointed gourd for higher yield**	5	0.4	149.28	112.20	33.04	No.of fruits /plant	No.of fruits/plant	204405	447840	243435	2.07	190740		145860	1.76

Pine apple **Kharif 2020**	Cultivation of fruits	**Demonstration on Intercropping of Pine apple Queen var. in Coconut Orchard** FP- Sole cropping without intercrop RP- Cultivation of Pine apple Queen var. as a component crop in coconut Orchard Cultivation of pineapple in interspaces in coconut orchard. Planting in flat bed with row to row spacing 2ft and plant to plant spacing 1ft leaving 2.5m distance from coconut plant. The average yield is 50-80 tonnes/ha depending upon spacing and cultural practices. Fruit weighs 0.9-1.3 kg. Suitable for table purpose	Continuing														

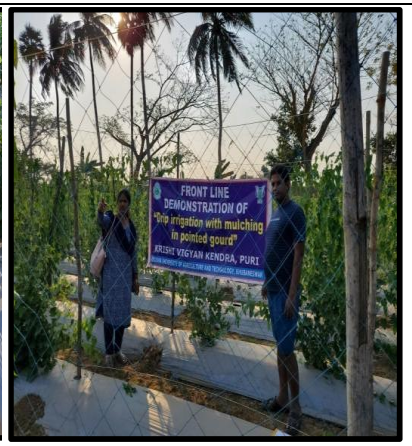
Tomato Kharif 2020	Yield Increment	**Demonstration of triple resistant tomato var. Arka Rakshak** FP: Var.Chiranjiv RP: Var. Arka Rakshak	05	1	431.9	375.6	13.03	Yield/plant-6.24 kg	Yield/plant-4.46 kg	78800	215950	137150					
Total																	

Intercropping of Pine apple Queen var. in Coconut Orchard

Triple resistant tomato var. Arka Rakshak

Artificial pollination in pointed gourd for higher yield

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



Mulching in Pointed gourd for water conservation and weed control

Integrated management of Nematode in Betelvine

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy																	
Cow																	
Buffalo																	
Poultry Rabi- 19-20	Poultry management	**Demonstration on backyard poultry breed Kadaknath** Rearing of poultry birds in semi intensive system	10	10 (20 Chicks /unit)	Avg. Body Wt/6 Months - 1.55 kg	Avg. Body Wt/6 Months - 0.95kg	63.15	Mortality 6%	Mortality 11%	300/bird	775/bird	475/bird	2.58	150/bird	285/bird	135/bird	1.9

Poultry Kharif-2020	Poultry Management	**Demonstration on artificial brooding management in chicks.** Brooding management for 21 days with floor space of 0.3 sqft/bird with help of chick guards, artificial heat @ 1-3 watt per chick , feeders and drinkers @ 1 each per 50 chicks, vaccination with against RD on 7th day, 28 day, IBD on 14th day . Use of electrolytes, preventive antibiotics during brooding	10	2 (200 RIRChicks /Unit)	Avg. Body Wt/21 days-160g/bird	Avg. Body Wt/21 days-135g/bird	30.37	Chick mortality rate during broodin g period-4%	Chick mortality rate during broodin g period-18%	8800 /Unit	10800 /Unit	2000 /Unit	1.22	7000 /Unit	8000 /Unit	1000 /Unit	1.14
Rabbitry																	
Pigerry																	
Sheep and goat																	

Duckery																	
Others (pl.specify)																	
Total																	

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

Backyard Poultry Rearing Kadaknath

Artificial brooding Management of Chicks

Fisheries

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

Rabi-19-20	Production & Management	**Small scale farm made feed preparation using locally available low cost feed ingredients** **FP :** Application of GNOC and rice bran at equal proportion (1:1) **RP:** Preparation of sinking pellet feed using locally available feed ingredients GNOC: MOC : dry fish and prawn powder :vitamin mineral mixture: RB (2:1:1:1:5) and feeding @5-2% of body weight daily	5	5	36.15	28.50	26.84	Feed conversion Ratio-1.4	Feed conversion Ratio-2.0	167000	397650	230650	2.38	141855	313500	171645	2.21

Rabi-19-20	Production & Management	**Periphytic substrate to maximize production performance in carp polyculture system** Placing of periphytic substrates such as bamboo splits/coconut leaves in 20% of pond water area	5	5	34.48	29.00	18.9	Average body weight of fish (kg)- 0.650	Average body weight of fish (kg)- 0.545	167820	379280	211460	2.26	154100	319000	164900	2.07
Fish (Catla, Jayantirohu and Mrigal) Rabi-19-20	Production & Management	**JayantiRohu in Composite Carp culture for more yield** Stocking of grow out ponds with Catla:JayantiRohu Mrigal fingerlings@ 3000:4000:3000 nos per ha	20	20	33.75	28.90	16.78	Average body weight of fish (kg)- 0.630 Plankton density (ml/50 L)- 2.0	Average body weight of fish (kg)- 0.550 Plankton density (ml/50 L)- 1.7	160000	371250	211250	2.32	145155	317900	172745	2.19

Fish (IMC & FW prawn) Rabi-19-20	Production & Management	**Freshwater prawn, *M.rosenbergii* in mixed carp culture** Stocking of F. W. Prawn *M.rosenbergii* juveniles @ 7500no./ ha with 5000 no. of Catla, Rohu& Grass Carp fingerlings	10	10	Fish-35.5 Prawn - 2.25	Fish-28.70	31.53	Average body weight of fish (kg)-0.670 Average body weight of prawn (kg)-0.060	Average body weight of fish (kg)-0.540	186955	480500	293545	2.57	141565	315700	174135	2.23

Kahrif-2020	Continuing	**Demonstration of pond based IFS for doubling farmers' income** FP- Practising only pisciculture by stocking IMC fingerlings RP- Stocking of yearlings of IMC @ 5000 nos/ha, planting of papaya, banana and drumstick on pond dyke+ Mushroom+ Poultry			Avg. wt. of Catla – 0.520 kg, Rohu and Mrigal- 0.400 kg(from sampling after 4 months culture)													

Others (pl.specify) Kahrif-2020	Production management	**Demonstration of Java Punti, *Puntius gonionotus as intercrop* in composite fish culture** FP-Culture of IMC only RP-Incorporation of Java Punti with IMC i.e. stocking of Catla: Rohu: Mrigal: Java Punti::3:4:3:2 @ 10000 nos/ha.	10	10	Yield (q/ha) 37.15	Yield (q/ha) 28.83	28.85	Avg. body wt. of Punti 0.230(kg)	-	1,71,700	4,08,650	2,36,950	2.38	1,46,140	3,17,130	1,70,990	2.17
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


Java Punti, *Puntius gonionotus as intercrop* in composite fish culture


Pond based Integrated Farming System

Periphytic substrate to maximize production performance in carp polyculture


Floating fish feed in Composite Carp culture for growth enhancement

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	Enterprise development															

Paddy Mushroom Kharif-2020	**Demonstration of production of paddy straw mushroom with Crumbled straw** FP-Production of paddy straw mushroom from rotten straw in rainy season RP-Production of paddy straw mushroom with Crumbled straw Crumbled paddy Straw-5kg, pulse powder 3%, soaking period of straw-5hrs	10	10(30 beds/Unit)	0.68/bed	0.9/bed	-	Biological efficiency-13.6%	Biological efficiency-9%	Rs.47/bed	Rs.102/bed	Rs55./bed	2.17	Rs.72/bed	Rs.135/bed	Rs.63/bed	1.87
Button mushroom																
Vermicompost																
Sericulture																

Others (pl.specify)																
Total																

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

** BCR= GROSS RETURN/GROSS COST

Paddy straw mushroom with Crumbled straw

Women empowerment

Category	Name of technology	No. of demonstrations	Observations		Remarks
			Demonstration	Check	
Farm Women Kharif - 2020	**Demonstration of Nutrition Sensitive Organic Kitchen garden for better Health & additional income of farm family (COVID-19)** FP- Kitchen garden with 2/3 seasonal vegetables RP- Nutrition Sensitive Organic Kitchen garden (0.08ha) with multiple crops including annuals, perennials	05	Average per capita availability (g/day) -344	Average per capita availability (g/day) -216	Nutritional garden is established at household ensure the daily supply of fresh vegetables in the diets & average per capita availability of vegetables increased 59.25%. Additional Income (Rs/Unit)- 1141
			Production of vegetable kg/Unit/ Annum -352.87	Production of vegetable kg/Unit/ Annum-227.16	
			Net Income (Rs/Unit)-3685	Net Income (Rs/Unit)-2544	
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

Groundnut Thresher Rabi-19-20	**Groundnut**	**Demonstration of Tractor drawn Groundnut Thresher for threshing of Groundnut in Rabi season** Use of Tractor drawn Groundnut thresher consisting of threshing cylinder, concave, cylinder casing, cleaning system and feeding chute.	10	2.0	5.5q/hr	0.04q/hr	99.27	06	44	191	502
Tractor drawn Zero till Seed cum Fertilizer drill Rabi-19-20	**Greengram**	**Demonstration of tractor drawn Zero till Seed cum Fertilizer drill for line sowing of Greengram - Field capacity – 0.4ha/h, sowing of seeds in 9 row with fluted roller mechanism and inverted "T" type furrow opener**	10	1.0	**6.6q/ha**	**5.7q/ha**	15.78	2MDs/ha	8MDs/ha	4675/- (Rs/ha)	4500/- (Rs/ha)

Dry Land Power Weeder **Kharif-2020**	**Banana**	**Demonstration of Dry Land Power Weeder in Banana Orchard** FP-Use of spade for weeding RP-(4-stroke Petrol engine) – Weeding, hoeing and ridging are possible for the row spacing of 60cm – 90cm. Capacity – 0.08ha/h	10	1.0	**Time in hr/ha - 17**	**Time in hr/ha - 336**	94.94	02MDs/ha	42 MDs/ha	4500/-	10500/-

*** 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**

Tractor drawn Groundnut Thresher for threshing of Groundnut

tractor drawn Zero till Seed cum Fertilizer drill for line sowing of Greengram

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
1	Watermelon	Watermelon seedling raising in polythene to avoid late planting after late harvest of Paddy gives Rs34,617/- of additional income than FP
2	Pointed Gourd	Artificial pollination in Pointed gourd to enhance fruit setting increase yield 33.04%
3	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.
4	Poultry(Kadaknath)	Commercial scale farming of Kadaknath chicken defiantly fetches good profits if proper marketing channel is established.
5	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.

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days				
2.	Farmers Training	6.2.20	1	25	Title-Artificial pollination Techniques
		7.2.20	1	25	Title-Scientific Production management of watermelon
		12.2.20	1	25	Title-Planning and layout of nutritional garden round the year
		20.8.20	1	25	Title-Integrated Weed Management in paddy

		16.12.20	1	25	Title-Scientific method of Tomato Cultivation
		20.8.20	1	25	Title- Mushroom cultivation for household nutritional security and income generation
		13.8.20	1	25	Title- Crop planning & management of Nutri-Sensitive Organic Kitchen Garden
3.	Media coverage				
4.	Training for extension functionaries				

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2020 and Rabi 2020-21:

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
	Black gram	Local(saved seed)	5.5	-50	-92	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	25	10	8.2	6.9	7.7			

							240gm/acre, Dinetofuran 80gm/acre, Fipronil 4G 3.6kg/acre, yellow sticky Trap 20nos./ha, Neem oil 1500ppm @ 1.5lit/ha DAP(2% spray)								

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(Gaucho)* @5ml/kg of seed and inoculation with Rhizobium@20 gm/kg of seed), Redomil gold 240gm/acre, Dinetofuran 80gm/acre, Fipronil 4G 3.6kg/acre, yellow	16300	27500	11200	1.68	20386.8	38500	18113.2	1.88

	sticky Trap 20nos./ha, Neem oil 1500ppm @ 1.5lit/ha DAP(2% spray)								

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 + Cluster Demonstration on Blackgram (Seed treatment with *Imidachloprid(Gauch)* @5ml/kg of seed and inoculation with Rhizobium@20 gm/kg of seed), Redomil gold 240gm/acre, Dinetofuran 80gm/acre, Fipronil 4G 3.6kg/acre, yellow sticky Trap 20nos./ha, Neem oil 1500ppm @ 1.5lit/ha DAP(2% spray)	770	500	50.00	40	230	livelihood	20

D. Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	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 240gm/acre, Dinetofuran 80gm/acre, Fipronil 4G 3.6kg/acre, yellow sticky Trap 20nos./ha, Neem oil 1500ppm @ 1.5lit/ha DAP(2% spray)	Yes	Bold seeded	Low - Medium	Medium irrigation potential	yes	

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Resistance to leaf spot		Leaf spot occurrence is very low	40% higher yield than FP
Resistance to YMV		YMV occurrence is low.	

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Kissan vigyan day	25.12.2019, Sultan nagar	50
2.	Field day	29.2.2020, Sultan nagar	62

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






9. Farmers' training photographs

10. Quality Photographs of field visits/field days and technology demonstrated.

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11. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	81000	82768	-1768
	ii) TA/DA/POL etc. for monitoring	3000	2800	200
	iii) Extension Activities (Field day)	2500	2480	20
	iv)Publication of literature	2300	752	1548
	Total	88800	88800	0

*Audit fee-1200/-

12. List of Farmer under FLD (Crop wise)

a) Blackgram

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Area (ha)	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude							H	L	A		
Chandrasekhar Jena	Manguli jena	Sultan nagar	Pipili	9938750137		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:40:20	PU-31 + Cluster Demonstration on Blackgram (Seed treatme	PU-31	0.4	8			8.2	5.9	38.98
Shatrughan Jena	Benu Jena	Sultan nagar	Pipili			20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	20:35:20		PU-31	0.4	8			7.4	6.5	13.84
Balabhadra Jena	Laxman Jena	Sultan nagar	Pipili	9777010089		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:30:10		PU-31	0.4	8			7.9	6	31.66

Mahendra kumar Jena	Manguli jena	Sultan nagar	Pipili	7437993578		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:40:20	nt with *Imidachloprid(Gauch)* @5ml/kg of seed and inoculation with Rhizobium@20gm/kg of seed), Redomil gold 240gm/acre, Dinetofuran 80gm/acre, Fipronil 4G 3.6kg/acre, yellow sticky Trap 20nos./	PU-31	0.4	8			7.8	5.9	32.2
Rashmi ranjan Dalai	Ramesh Dalai	Sultan nagar	Pipili	9040636234		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:40:20		PU-31	0.4	8			8.15	5.8	40.51
Sankar Jena	Laxman Jena	Sultan nagar	Pipili	7609823930		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:30:10		PU-31	0.4	8			7.8	4.5	73.33
Rajkishore Jena	Manguli jena	Sultan nagar	Pipili	9777719368		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	20:35:20		PU-31	0.4	8			7.4	5.4	37.0
Kshetrabasi Barik	Kanduri Barik	Sultan nagar	Pipili	9040278405		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	20:35:20		PU-31	0.4	8			7.85	5.7	37.7
Pratima Parida	Kubera Jena	Sultan nagar	Pipili	7608076460		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	20:35:20		PU-31	0.4	8			7.68	5.9	30.16
Brajabandhu Jena	Kasinath Jena	Sultan nagar	Pipili			20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:30:10		PU-31	0.4	8			7.5	5.6	33.92
Sachikanta Parida	Sarbeswar Parida	Sultan nagar	Pipili	8984136717		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:30:10		PU-31	0.4	8			7.25	5.4	34.25
Brundaban Jena	Natha Jena	Sultan nagar	Pipili	9040344155		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:40:20		PU-31	0.4	8			7.6	4.9	55.10
Bikram Jena	Brajabandhu Jena	Sultan nagar	Pipili	7381377016		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:30:10		PU-31	0.4	8			7.3	5.8	25.86
santosh kumar Jena	Bauribandhu jena	Sultan nagar	Pipili	6371772242		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:30:10		PU-31	0.4	8			8.1	5.7	42.10

Ramesh Dalai	Rama Dalai	Sultan nagar	Pipili	8637217432		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:40:20	ha, Neem oil 1500ppm @ 1.5lit/ha DAP(2% spray)	PU-31	0.4	8			7.9	4.9	61.22
sarbeswar Parida	Natabar Parida	Sultan nagar	Pipili	9583646037		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:40:20		PU-31	0.4	8			7.4	5.85	26.49
Niranjan Parida	Narahari Parida	Sultan nagar	Pipili			20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:40:20		PU-31	0.4	8			6.9	5.8	18.96
Jugal Pradhan	Bainsi Pradhan	Sultan nagar	Pipili	7008140012		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:30:10		PU-31	0.4	8			8	4.9	63.26
Dusashan Parida	Narahari Parida	Sultan nagar	Pipili	9937208969		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:40:20		PU-31	0.4	8			8.1	4.5	80
Surendra Dalai	Sagar Dalai	Sultan nagar	Pipili	9583391344		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:30:10		PU-31	0.4	8			7.9	5.6	41.07
Rabi narayan Parida	Natabar Parida	Sultan nagar	Pipili	8455822313		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:30:10		PU-31	0.4	8			7.85	6	30.83
Pandab lenka	Bairagi lenka	Sultan nagar	Pipili	9078724280		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	30:20:15		PU-31	0.4	8			7.55	5.6	34.82
Upendra Dalai	Sagar Dalai	Sultan nagar	Pipili	9040829645		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:40:20		PU-31	0.4	8			7.55	4.7	60.63
Dhaneswar Parida	Banchhanidhi Parida	Sultan nagar	Pipili	8984408551		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	30:20:15		PU-31	0.4	8			7.8	5	56
Krushnachandra Dalai	Sagar Dalai	Sultan nagar	Pipili	9040522282		20^{0}00''32.4''N	85^{0}50'22.6''E	Yes	25:40:20		PU-31	0.4	8			7.65	5.7	34.21

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
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													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
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, if any													
VII. Plant Protection													
Integrated Pest Management	1	20	0	20	5	0	5	0	0	0	25	0	25
Integrated Disease Management													
Bio-control of pests and diseases													

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 bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
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, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													

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
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	**1**	**20**	**0**	**20**	**5**	**0**	**5**	**0**	**0**	**0**	**25**	**0**	**25**

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
Mushroom Production													
Bee-keeping	2	13	22	35	4	1	5	0	0	0	17	23	40
Integrated farming	1	00	18	18	00	02	02	00	00	00	00	20	20
Seed production													
Production of organic inputs	1	20	0	20	0	0	0	0	0	0	20	0	20
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements	02	16	0	16	14	0	14	0	0	0	30	0	30
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries	1	16	2	18	2	0	2	0	0	0	18	2	20
Enterprise development	1	17	3	20	0	0	0	0	0	0	17	3	20
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing	1	18	2	20	0	0	0	0	0	0	18	2	20
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL	**9**	**100**	**47**	**147**	**20**	**3**	**23**	**0**	**0**	**0**	**120**	**50**	**170**

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													
Value addition													
Integrated Pest Management													
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
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application	1	20	0	20	0	0	0	0	0	0	20	0	20
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security	1	0	37	37	00	03	03	00	00	00	00	40	40
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Others if any Fish Health Mgnt	1	11	3	14	1	0	1	0	0	0	12	3	15
Probiotics in Aquaculture	1	10	4	14	1	0	1	0	0	0	11	4	15
TOTAL	**4**	**41**	**44**	**85**	**2**	**3**	**5**	**0**	**0**	**0**	**43**	**47**	**90**

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	22	0	22	3	0	3	0	0	0	25	0	25
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	2	37	0	37	13	0	13	0	0	0	50	0	50
Fodder production													
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, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	4	53	34	87	5	8	13	0	0	0	58	42	100
Water management													
Enterprise development	1	20	5	25	0	0	0	0	0	0	20	5	25
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables	**5**	**73**	**40**	**112**	**5**	**8**	**13**	**0**	**0**	**0**	**78**	**47**	**125**
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning	1	11	14	25	0	0	0	0	0	0	11	14	25
b) Fruits													
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	**1**	**11**	**14**	**25**	**0**	**0**	**0**	**0**	**0**	**0**	**11**	**14**	**25**
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													

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
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	0	22	22	0	3	3	0	0	0	0	25	25
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development	1	0	23	23	0	2	2	0	0	0	0	25	25
Value addition	2	0	33	33	0	17	17	0	0	0	0	50	50

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Income generation activities for empowerment of rural Women	4	0	97	97	0	3	3	0	0	0	0	100	100
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any	2	13	37	50	0	0	0	0	0	0	13	37	50
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems	1	25	0	25							25	0	25
Use of Plastics in farming practices	1	27	0	27							27	0	27
Production of small tools and implements													
Repair and maintenance of farm machinery and implements	10	190	28	218	24	6	30	1	1	2	215	35	250
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management	12	223	43	266	31	3	34	0	0	0	254	46	300
Integrated Disease Management	1	24	0	24	1	0	1	0	0	0	25	0	25
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any	1	20	0	20	5	0	5	0	0	0	25	0	25
VIII. Fisheries													
Integrated fish farming	1	21	2	23	2	0	2	0	0	0	23	2	25
Carp breeding and hatchery management	1	24	0	24	1	0	1	0	0	0	25	0	25
Carp fry and fingerling rearing	1	21	2	23	2	0	2	0	0	0	23	2	25
Composite fish culture & fish disease	6	124	21	145	5	0	5	0	0	0	129	21	150
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	1	21	2	23	2	0	2	0	0	0	23	2	25
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, if any													
IX. Production of Inputs at site													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics	1	25	0	25	0	0	0	0	0	0	25	0	25
Formation and Management of SHGs													
Mobilization of social capital	1	20	0	20	5	0	5	0	0	0	25	0	25
Entrepreneurial development of farmers/youths	1	21	4	25	0	0	0	0	0	0	21	4	25
WTO and IPR issues													
Others, if any ICT	2	46	0	46	4	0	4	0	0	0	50	0	50
Govt.Scheme	1	15	10	25	0	0	0	0	0	0	15	10	25
Marketing	1	25	0	25	0	0	0	0	0	0	25	0	25
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	66	1090	409	1500	103	0	150	1	1	2	1196	456	1650

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
Mushroom Production													
Bee-keeping													

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
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements	1	19	0	19	1	0	1	0	0	0	20	0	20
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													

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													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL	1	19	0	19	1	0	1	0	0	0	20	0	20

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL													

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	**No. of Courses**	**No. of Participants**									**Grand Total**		
		Other			**SC**			**ST**					
		M	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**	**M**	**F**	**T**
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development	1	16	09	25	00	00	00	00	00	00	16	09	25
Skill development													
Yield increment	2	36	05	41	05	04	09	00	00	00	41	09	50
Production of low volume and high value crops													

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
Off-season vegetables	1	18	05	24	00	01	01	00	00	00	19	06	25
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables	2	50	00	50	00	00	00	00	00	00	50	00	50
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	1	18	00	18	07	00	07	00	00	00	25	00	25
TOTAL	07												175
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, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
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
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery 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
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	2	00	44	44	00	06	06	00	00	00	00	50	50
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	1	00	22	22	00	03	03	00	00	00	00	25	25
Enterprise development	3	00	75	75	00	00	00	00	00	00	00	75	75
Value addition	1	00	14	14	00	11	11	00	00	00	00	25	25
Income generation activities for empowerment of rural Women	3	00	72	72	00	03	03	00	00	00	00	75	75
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL	10												250
VI. Agril. Engineering													
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													

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, if any													
TOTAL													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
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, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer 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
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
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, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL	67	1110	409	1520	108	0	155	1	1	2	1221	454	1675

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
Mushroom Production													
Bee-keeping	2	13	22	35	4	1	5	0	0	0	17	23	40
Integrated farming	1	00	18	18	00	02	02	00	00	00	00	20	20
Seed production													
Production of organic inputs	1	20	0	20	0	0	0	0	0	0	20	0	20
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops	02	16	0	16	14	0	14	0	0	0	30	0	30
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets	1	16	2	18	2	0	2	0	0	0	18	2	20
Para extension workers	1	17	3	20	0	0	0	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													
Small scale processing													
Post Harvest Technology	1	18	2	20	0	0	0	0	0	0	18	2	20

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
TOTAL	**9**	**100**	**47**	**147**	**20**	**3**	**23**	**0**	**0**	**0**	**120**	**50**	**170**

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													
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application	1	20	0	20	0	0	0	0	0	0	20	0	20
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security	1	0	37	37	00	03	03	00	00	00	00	40	40
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification	1	11	3	14	1	0	1	0	0	0	12	3	15
Others if any	1	10	4	14	1	0	1	0	0	0	11	4	15
TOTAL	**4**	**41**	**44**	**85**	**2**	**3**	**5**	**0**	**0**	**0**	**43**	**47**	**90**

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	Scientific production Practices of green gram	1	OFF	21	0	21	4	0	4
Agronomy	F&FW	Micronutrient application in greengram	1	OFF	15	10	25	1	8	9
Agronomy	F&FW	Integrated weed management in paddy	25	Off	25	0	25	3	0	3
Horticulture	F & FW	Scientific methods of off season Tomato cultivation	1	Off Campus	25	00	25	00	00	00
Horticulture	F & FW	Pineapple cultivation as intercrop in Coconut Orchard	1	Off Campus	25	00	25	06	00	06
Horticulture	F & FW	Offseason Vegetable cultivation	1	Off Campus	19	06	25	00	01	01
Horticulture	F & FW	Scientific Beetle vine Cultivation	1	Off Campus	25	00	25	00	00	00
Plant Protection	F & FW	Training on management of Spodoptera in Groundnut	2	Off Campus	35	15	50	4	3	7
Plant Protection	F &FW	Training on YMV management in Greengram	2	Off Campus	49	1	50	1	0	1

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
Plant Protection	F & FW	Training on management of Thrips and mites in chilli	2	Off Campus	50	0	50	2	0	2
Plant Protection	F & FW	Training on integrated management of leaf miner in Tomato	1	Off Campus	25	0	25	5	0	5
Plant Protection	F & FW	BPH/WBPH management in Paddy	1	Off Campus	25	0	25	21	0	21
Plant Protection	F &FW	IPM measures to control Shoot and Fruit Borer in Brinjal	1	Off Campus	10	15	25	1	0	1
Plant Protection	F & FW	Integrated management practices of Neckblast in Paddy	1	On Campus	25	0	25	5	0	5
Plant Protection	F & FW	Leaf miner management in Tomato	1	Off Campus	25	0	25	4	0	4
Plant Protection	F & FW	Red palm Weevil and eryophid management in Coconut	1	Off Campus	11	14	25	0	0	0
Plant Protection	F & FW	Integrated management of Nematode in Betelvine	1	Off Campus	19	6	25	3	3	6
Plant	RY	Training on	2	On Campus	17	3	20	4	0	4

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
Protection		Honey Bee cultivation								
Plant Protection	RY	Training on Bio pesticide management in Paddy	2	On Campus	25	0	25	4	0	4
Ag Engg	Rural Youth	Operation and maintenance of harvesting & threshing implements in Paddy	4	On campus	10	0	10	5	0	5
Ag Engg	Rural Youth	Skill training on operation and maintenance of Transplanters	2	On Campus	20	0	20	9	0	9
Ag Engg	Rural Youth	Custom hiring of Self Propelled Paddy reaper	2	On Campus	20	0	20	1	0	1
Ag Engg	F & FW	Training on calibration of Seed cum fertilizer drill	2	Off Campus	36	14	50	6	3	9
Ag Engg	F & FW	Training on operation and maintenance of different types of Groundnut Threshers	2	Off Campus	48	2	50	2	0	2
Ag Engg	F & FW	Technique of MAT type nursery raising for using 6-row	1	Off Campus	25	0	25	10	0	10

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
		self propelled Rice transplanter								
Ag Engg	F & FW	Operation and maintenance of low cost weeding implements in field crops	1	Off Campus	25	0	25	0	0	0
Ag Engg	F & FW	Use of drum seeder for direct seeded rice cultivation	1	Off Campus	25	0	25	0	0	0
Ag Engg	F & FW	Use of mulching in horticultural crops	1	Off Campus	27	0	27	0	0	0
Ag Engg	F & FW	Operation and maintenance of dry land power weeder	1	Off Campus	10	15	25	6	3	9
Ag Engg	F & FW	Care and maintenance of drip irrigation system in pointedgourd	1	Off Campus	25	0	25	0	0	0
Ag Engg	F & FW	Operation and maintenance of different types of Potato digger	1	Off Campus	23	2	25	0	0	0
Ag Engg	F & FW	Cost benefit of Whole straw Paddy Thresher for bundle straw production	1	Off Campus	23	2	25	0	0	0
Home	F & FW	Mushroom	1	**Off Campus**	00	25	25	00	02	02

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
Science		cultivation for household nutritional security and income generation								
Home Science	F & FW	Preparation of Paper bags by SHG members for marketing of mushroom	1	**Off Campus**	00	25	25	00	00	00
Home Science	F & FW	Methods of seedling raising in using different media	1	**Off Campus**	00	25	25	00	00	00
Home Science	F & FW	Use of Grain storage Bags	1	**Off Campus**	00	25	25	00	03	03
Home Science	F & FW	Management of Chicks Brooding	1	**Off Campus**	00	25	25	00	00	00
Home Science	F & FW	Crop planning & management of Nutri-Sensitive Organic Kitchen Garden	1	**Off Campus**	00	25	25	00	06	06
Home Science	F & FW	Preparation of Vermicompost from Kitchen waste	1	**Off Campus**	00	25	25	00	00	00
Home Science	F & FW	Post harvest management of vegetables	1	**Off Campus**	00	25	25	00	01	01
Home Science	RY	Integrated farming for	2	**On Campus**	00	20	20	00	02	02

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
		doubling farmers income								
Home Science	RY	Entrepreneurship development through Beekeeping	2	On Campus	00	20	20	00	01	01
Home Science	IS	Nutritional management of farm family during COVID-19 situation	1	On Campus	00	40	40	00	03	03
Fishery	F&FW	Stocking and post stocking pond management	1	Off	17	8	25	0	0	0
Fishery	F&FW	Composite fish culture	1	Off	23	2	25	1	0	1
Fishery	F&FW	Short term culture of Minor carps in Seasonal rainfed ponds	1	Off	25	0	25	0	0	0
Fishery	F&FW	Multiple stocking and multiple harvesting in pond culture	1	Off	17	8	25	4	0	4
Fishery	F&FW	Feeding management for carp culture	1	Off	21	4	25	1	0	1
Fishery	F&FW	Fish diseases and their management	1	Off	25	0	25	2	0	2
Fishery	F&FW	Culture practices of Amur carp with IMC	1	Off	24	1	25	0	0	0
Fishery	F&FW	Fattening of crabs	1	Off	15	10	25	0	8	8

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
		in Brackish water ponds								
Fishery	RY	Breeding & culture of ornamental fish	2	On	17	3	20	2	0	2
Fishery	RY	Carp seed production technique	2	On	19	1	20	0	0	0
Fishery	IS	Fish health management	1	On	16	4	20	2	0	2
Agril. Extension	F&FW	Scientific production practices of blackgram	1	Off	16	0	16	9	0	9
Agril. Extension	F&FW	Scientific production practices of sunflower	1	Off	21	0	21	4	0	4
Agril. Extension	RY	Potential entrepreneurial opportunity in Agri-Horti system	2	Off	15	0	15	5	0	5
Agril. Extension	F&FW	Enriching farmers profitability through FPO formation & management	1	Off	21	0	21	4	0	4
Agril. Extension	F&FW	Up gradation of farmers skill through electronic media	1	Off	22	3	25	0	0	0
Agril.	F&FW	Various	1	Off	21	0	21	4	0	4

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
Extension		marketing opportunities & production planning in vegetables								
Agril. Extension	F&FW	Team management skills for enhancing effectiveness of team	1	Off	16	0	16	9	0	9
Agril. Extension	F&FW	Role of ICT for the benefits of farmers in digital india	1	Off	21	0	21	4	0	4
Agril. Extension	F&FW	Entrepreneurship development of farmers in rural setup	1	Off	21	0	21	4	0	4
Agril. Extension	F&FW	Various governmental schemes related to major enterprises in the district	1	Off	20	0	20	4	1	5
Agril. Extension	RY	Entrepreneurship development through duck farming	20	On	20	0	20	0	0	0
Agril. Extension	IS	Application of new media in extension	20	On	20	0	20	0	0	0

H) Vocational training programmes for Rural Youth

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	
Fruits & Vegetables	Value additio	Production of value added products from fruits & Vegetables	5	0	10	10		1	2	

Sponsored Training Programmes

Sl. No	Title	Thematic area	Month	Duration (days)	Client PF/RY /EF	No. of courses	No. of Participants									Sponsoring Agency
							Male			Female			Total			
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	

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

Nature of Extension Activity	No. of	Farmers	Extension Officials	Total

	activities	M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	15	280	255	535	10	4	-	4			
KisanMela	4	280	170	450							
KisanGhosthi											
Exhibition	4					12	0	12			
Film Show	28	290	220	510							
Method Demonstrations	9	150	80	230							
Farmers Seminar											
Workshop	1	42	24	66		3	0	3			
Group meetings	8			238							
Lectures delivered as resource persons	46										
Advisory Services	62			73980							
Scientific visit to farmers field											
Farmers visit to KVK											
Diagnostic visits	172			876							
Exposure visits	12			180							
Ex-trainees Sammelan	1	18	4	22							
Soil health Camp	1	29	21	50		5	0	5			
Animal Health Camp	1	41	9	50		1	0	1			
Agri mobile clinic	1	36	17	53		3	0	3			
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings	1		60	60							
Mahila Mandals Conveners meetings											
Celebration of important days (specify)	6	162	84	246		5	0	5			
Sankalp Se Siddhi											
Swatchta Hi Sewa	1	42	18	60							
Mahila Kisan Divas	1	0	27	27							
Any Other (Specify) Poshan Maah	1			47							
Plant health clinic	1	23	14	37							

Awareness campaign on use of bio fertilizer & bio pesticide in agriculture	1	19	28	47		3	0	3			
Live telecast of Pradhan Mantri Kisahan Samman Nidhi Yojana	1	86	64	150							
Mushroom entrepreneur meet	1	32	18	50							
Web telecast programme on national horticulture fare	1	26	24	50							
Total											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	8
Radio talks	19
TV talks	4
Popular articles	3
Extension Literature	19
Other, if any- CD	4

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Paddy	CR 1009 Sub-1 Swarna Sub-1	75.4 87.8	2,28,537 2,64.303	52	-	464	516
Blackgram	PU-31	15.48	1,25,000	17	-	222	239
Grand Total		178.68	617840	69	0	686	755

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
Vegetable seedlings							
Cauliflower	Megha	1300	2600	4	-	7	11
Cabbage	Radha	500	1000	2	-	3	5
Tomato	Arka Rakshak,Laxmi	9395	18540	2		10	12
Brinjal	Akhita	2130	3960	4		8	12
Chilli	Kalika	1230	2460	-	-	15	15
Onion							
Others	Red Jeewel	500	1000	1		1	2
Fruits	NS-50	450	900	1		5	6
Mango	F1 Jessica	375	1225	1		3	4
Guava		25	25	0		1	1
Lime							
Papaya							
Banana							
Others							
Ornamental plants							
Medicinal and Aromatic	Surya, Honeydew	4038	42880	220	-	115	335
Plantation							
Spices							
Turmeric							
Tuber	Arkapari	200	200	0	-	5	5

Elephant yams							
Fodder crop saplings							
Forest Species							
Others, pl.specify							
Total							
	PKM-1	182	1820	6		18	24
	Queen	620	3100	1		6	7
	Sakhigopal Local	24	1200	0		4	4
		20969	80910	242	0	201	443

Production of Bio- product by KVKs

Bio -product	Name of the Bio - product	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers
Bio- fertilisers		**A&N Islands**				**Odisha**				**West bengal**				**Total**			
Non Symbiotic Azotobacter																	
Vermi compost																	
Azolla																	
Earth worms																	
Compost																	
Worms																	
Blue green algae																	
NADEP																	
Azatobactor																	
Azospirillum																	
PSB																	
Rhizobium																	
Azolla culture																	

Bio -product	Name of the Bio - product	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers
Bio- fertilisers		**A&N Islands**				**Odisha**				**West bengal**				**Total**			
Total																	
Bio- pestisides																	
Neem extract																	
Tobacco extract																	
Trichoder- maviride																	
Panchagavya																	
Trichoderma																	
Total																	
Worms																	
Eudriluseuniae																	
Total																	
Earth worm																	
Eiseniafoetida																	
Earth worm																	
Total																	
Bio- fungicides																	
Trichoder maviridae																	
Total																	
others																	
Vermiculture																	
Mushroom-spawn																	
Paddy Straw Mushroom							154.75	15475	43								
Oyster Mushroom							124.5	6225	24								
Cuelure																	
Mineral mixture																	
Cow dung(dry)																	
Cow dung(wet)																	
Total																	
Grand Total																	
Vermicompost							720	7200	-								

Bio -product	Name of the Bio - product	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers	Quantity (no.)	Quantity (Kg.)	Value (Rs.)	Number of farmers
Bio- fertilisers		**A&N Islands**				**Odisha**				**West bengal**				**Total**			
Honey							7	2800									
Sunflower seeds							10.205	550									
Marigold flowers						8000	-	2000									
Tuberose flowersticks						100		1000									
Vegetables																	
Brocoli						104		1380									
Cabbage						88		580									
Brinjal							20	200									
Capsicum							37	640									
Pointedgourd							12.5	500									
Tomato							70	700									
Cherry tomato							6	300									
Pineapple						142		2130									
Tender coconut						3381		33810									
Papaya						260		2600									
Amarnthus						16		160									
Spinach						14		140									
Radish						50		100									
Frenchbeans						4		120									
Vegetables																	
Lettuce,Chicony						24		240									
Banana fingers						548		2370									

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
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	Catla, Rohu, Mirgal	102000	112200	42
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				
Others (Pl. specify)				
Grand Total		102000	112200	42

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

i) Name of Seed Hub Centre:

Name of Nodal Officer :	
Address :	
e-mail :	

Phone No. : Mobile :	

ii) Details of Quality Seed Production

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2020						
Rabi 2020-21						
Summer/Spring 2021						

iii) Financial Progress

Fund received (2016-17, 2017-18 2018-19 and2019-20)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17				
2017-18				
2018-19				
2019-20				

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	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*	-	ISSN:2347-4688, Vol.8,No.(1) 2020. Current Agriculture Research Journal
Research paper	Enhancing water productivity in rainfed areas	B.Panigrahi, D.Paramjita, A P Sahoo	-	ISSN:2321-4902, 8(1)(2020): 1651-1655. *International Journal of Chemical Studies*
Research paper	On- farm rainwater storage for sustaining yield of rice:wheat cropping system-	*JC Paul, Dipsika Paramjita, B Panigrahi, JN Mishra*	-	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*	-	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*	-	Journal of Agri-Search, Vol 6 No 2 (2019) 102-104
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter	Nilachhala Krushi Bartta	*All Scientists*	500	KVK Puri
Popular Articles	Krushujata Drabyara Bikripain Bikalpa	*Acharya, S, Sethy, S*	Mass	Krushi sanchhar October 2020
Book Chapter				
Extension Pamphlets/				

literature				
Booklet	Mahu Chasa	*Acharya, S, Mohanty,S*	*500*	KVK Puri
Booklet	Mahumachhi palana & Dala Uptadana	*Acharya, S, Mohanty,S*	*500*	KVK Puri
Booklet	Jaibika Pakasala Bagichha	*Acharya, S, Mohanty,S*	*500*	KVK Puri
Booklet	Compendium of Pesticides	*Mohanty,S Sethy, S Mahapatra,N*	*500*	KVK Puri
Booklet	Chhatura Pakriyakarana O Sarankyana	*Acharya, S, Mohanty,S*	*200*	KVK Puri
Booklet	Murtika,Jala parichalana O Saghana Machha Chhasa	Behera,M *Mohanty,S*	*500*	KVK Puri
Booklet	Byabasayabhhitika Chhatu Chhasa	*Acharya, S, Mohanty,S*	*620*	KVK Puri
Leaflet	Antta Chasa pain krushi jantrapatira Byabahara	*Paramjita,D. Mohanty,S*	*500*	KVK Puri
Leaflet	Krushijatta drabyaru compost prastutira bivirnna padhati	*Mohanty,S Sethy, S*	*500*	KVK Puri
Leaflet	Polythene Mulching	*Paramjita,D. Mohanty,S*	*500*	KVK Puri
Leaflet	Karp Jaanla Uptadana	Behera,M *Mohanty,S*	*500*	KVK Puri
Technical reports	APR, AP, QRT, SAC,ARYA,CFLD & Miscellaneous Reports	All Scientists	42	K.V.K (Puri),
Electronic Publication (CD/DVD etc)	ARYA Enterprises	All Scientists	4	K.V.K (Puri),
TOTAL				

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

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

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

1.					
2.					
3.					
4.					
5.					
6.					
7.					

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

Success story-I

Name of farmer	**Mrs. Renubala Dash**
Address	Tulasi Chaura,Block-Pri Sadar,Puri
Contact details (Phone, mobile, email Id)	7978661280
Landholding (in ha.)	2ha
Name and description of the farm/ enterprise	Smt. Renubala Dash, who belongs to Tulasi chaura Village in Puri district, is a successful Entrepreneur, who has set an example for the women of Odisha. However, the income was not up to her satisfaction and she approached KVK, Puri in the year 2017, seeking knowhow and guidance for improving her food processing and mushroom Spawn production unit. She always wanted to find a better way to earn income to become self-dependent and her dreams come true. She participated in training on "Mushroom Production and value addition" organized by Krishi Vigyan Kendra (KVK) Puri under ICAR-ARYA Project. She attended Skill development training on scientific spawn production by AICRP Mushroom at OUAT & exposure visit to successful enterprise in support of KVK.
Economic impact	She had set up a small spawn production unit in 1500 sq. ft. area in her village. She has a regular clientele 50 farmers from the district and outside. She presently produces 9000 kg spawn of Oyster and Paddy straw mushroom in a year. Over the last few months, she is earning a net income of about Rs. 30,000/- (Rupees Thirty thousand) per month which translate into Rs 3.6 lakhs per annum approximately. KVK provided the vermicomposting technology by which she could recycle the spent substrate into vermicompost to earn an additional income from the waste in addition to own use for vegetable cultivation. She started making of different

	varieties of pickles and sold the products in the local retailers and friend circle. The value addition unit by Smt. Dash has earned net profit of Rs. 40,000/- during 2019-20.She also started marketing of paddy straw mushroom with proper packaging to outside Odisha and in near future she will grow her business in this direction.
Social impact	Prior to the KVK Puri intervention, her income was very less. But now after the intervention and coupled with her hard work and sincerity, her income has increased manifold. Smt. Dash has been nominated as one of the for Best Farm Women speaker in Radio Kisan Programme being organized by AIR, Puri. Various organizations invite her for delivering lectures as an agri-enterpreneur.
Environmental impact	She has already started her vermicompost unit from spent mushroom substrate
Horizontal/ Vertical spread	Smt. Dash's success is motivating other farm women of the village and presently 8 more women of the village are engaged in processing activities. Her positive attitude has proven that there is a direct linkage between entrepreneurship & acceptance level, horizontal spread of innovation and number of farmer adopting a technology.




Success story-II

Name of farmer	Mr.Prasanta Kumar Pradhan
Address	Village Singhbrahmapur, Delanga block
Contact details (Phone, mobile, email Id)	9556873726
Landholding (in ha.)	0.5 Ac
Name and	IMC fry production in nursery pond, Rearing of fry to fingerlings and yearlings, multiple

description of the farm/ enterprise	stocking and multiple harvesting
Economic impact	Avg. net income from his 1.8 Ac pond is Rs. 2,05,000/-per annum. Increase in income over previous income is around 72%
Social impact	He is recognized as one of the master pisciculture trainer which has boost his social status
Environmental impact	Positive environmental impact is observed even if less water scarcity in summer season
Horizontal/ Vertical spread	Around 8-9 farmers of nearby villages started fish seed rearing seeing the success of Mr PrasantaPradhan

			
Harvesting of Fingerlings	Conditioning of fingerlings in happa	Oxygen packing and selling	Sample netting and harvesting of fish

Success story-III

Name of farmer	Mrs. Rajalaxmi Mohanty
Address	village-kantunia, Block-Nimapada
Contact details (Phone, mobile, email Id)	9861313681
Landholding (in ha.)	1ac
Name and description of the	Mrs. Mohanty after being separated from her husband was in search for a way of living and came in contact with KVK during one training programme. She shared her desire to go for

farm/ enterprise	backyard poultry production there she never looks back. She was included in FLD programmes and given training and exposure visit on backyard poultry. She also became a beneficiary of ICAR-ARYA project. • Scientific rearing of backyard poultry like Vanaraja and kadaknath. • Artificial brooding management of chicks. • Use of incubator cum hatching machine (100eggs cap.)
Economic impact	She has owned two poultry units of 450 birdcapacity (2 batches). Employment generated 135 days/annum. Gross income Rs. 1, 50,000/-per annum.
Social impact	.Mrs. Mohanty has influenced many others for taking up backyard poultry as a enterprise and acknowledge efforts of KVK for her success. She has proved that marketing of poultry and eggs at higher pricedepends upon one's attitude to do things differently.She says interest and determination can remove many obstacles in life. She is the epitome of women empowerment.
Environmental impact	Started her Vermicompost unit using agricultural wastes
Horizontal/ Vertical spread	Other women in the village are coming to her for advises. She is also selling eggs and chicks to new farmers. More women farmers are coming to adopt poultry enterprise to supply eggs to the hatching unit of Mrs.Mohanty.


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

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

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

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

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

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)

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

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	Problem analysis of different

	villages	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	Mridaparikhsyak	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			
	93	93	382	09	-

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	1. Soil health card & Leaflet distribution 2. Soil health campaign 3.	32	02	Sri S.Chandra Nathsharma	20	20
				Sri Jyotirmayee Dalei		

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- NA

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

3.14. RAWE/ FET programme - 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/Zila Sabhadipati/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit

4. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Greengram Seed treatment with Imidacloprid 600FS@5ml/kg seed ,Instalation of YST@25/ha, alternate spraying of Neem oil (300ppm)@2.5ltr/ha and	75	45	8500	13500

Difenthiuron 50% WP@500gm/ha at 10 days interval at 40 DAS - YMV management in Greengram				
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	• 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

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	• 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 and vermicompost in month of October with seedling production.	Marigold area spread to 12 ha in the district 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	• 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

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	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	• 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

growth enhancement • Grass carp for biological control of aquatic weeds	

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

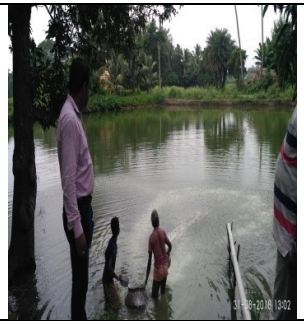
Thematic area	
Name of the Innovation	
Details of Innovator	
Back ground of innovation	
Technology details	
Practical utility of innovation	

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	**Composite Pisciculture**
Name & complete address of the entrepreneur	**Chinmaya Sankar Patra** ,At – Gabadiha, Block- Gop, Dist- Puri
Role of KVK with quantitative data support:	Mr Patra once during his visit to KVK came in contact with the Fishery scientist and discussed his problems in pisciculture. He has undergone training programmes on multiple stocking and multiple harvesting, stunted fingerling production and selected as a beneficiary for the OFT on " Assessment of growth performance of Amur carp in carp polyculture"

Timeline of the entrepreneurship development	Started –Pond Construction from 2014 2015-Composite carp culture started 2016-Developed IFS unit in his farm 2017 onwards he was able to culture different species such as Amur Carp,Fresh Water Prawn with IMC and also GIFT Tilapia farming.
Technical Components of the Enterprise	Package of practices for improved fish varieties such as Amur carp and JayantiRohu, multiple stocking and multiple harvesting, rearing of fingerlings
Status of entrepreneur before and after the enterprise	Mr.Chinmaya Patra native to village Gabadiha was wondering for livelihood after graduation from college. He opted for a fish farmer although he has lot of talent to get his livelihood in other sectors. He started pisciculture in 1 ha owned land. After intervention he was able to purchase 3ac of land adjacent to his farm and converted to fish ponds with 3 employment generation. This year he is able to construct his own Pucca house for living.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Avg. net income from his 3 ha pond is Rs.7,40, 000/-per annum. Increase in income over previous income is around 92%
Horizontal spread of enterprise	Many young farmers of his village and nearby villages have been motivated seeing the success of Mr.Patra. Many interested farmers continuously visiting to his farm and getting vast exposure in different pisciculture activities.

Stocking of Amur carp seeds by Mr Patra through KVK OFT



Scientists visit to his pond unit during liming

Harvesting of fish from his pond

Farmer holding a Grass carp of more than 5 kg weight

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 2020-21 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	2020	40.13	*V.Volvaceae* *P.sajorcaju*	Mushroom	154.75kg 124.5 kg	17845	15475 6225	Mushroom of different var. harvested & sold
2	Apiary Unit	2020	9Boxes	*Apiscerenaindica*	Honey Bee colony	7kg 6 Nos.	-	2800 6000	2nd yr Establishment of Apiary Unit
3	Vermicompost Unit	2020	8.17	*E.fetida*	Vermicompost & Vermiculture	7.2q 5.5kg	4000	7200 2750	Compost utilized in KVK farm & Vermiculture distributed in programme

									s
4	Polyhouse	2020	41.8	F1 Hybrids	Seedlings	20325	37358	76610	Seedlings distributed in different FLD,OFT & Extension activities
Total									

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	11.07.2019 13.07.19	25.12.19 27.12.19	2.6ha 3.6ha	CR1009-sub-1 Swarna sub-1	Seed (Foundation)	75.4 87.2	415260	228537 264303	(Sale Price received during June-July-20)
Paddy	25.06.2020 27.06.2020	12.12.20 9.12.20	6ha 6ha	Kalachampa Pooja	Seed (Foundation)	-	-	-	Processing continuing
Blackgram	19.01.20	15.04.20	6ha	PU-31	Seed (Certified)	15.48	116000	125000	-
Blackgram	23.12.20	8.04.21	6ha	PU-31	Seed (Foundation)	-	-	-	Harvesting continuing

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	720kg 5.5 kg	4000	9950	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	102000No	47820	112200	Distributed in FLD programme & public sale to fish grower
2.							
3.							

6.5 Utilization of hostel facilities - NA

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- NA

Whether staff quarters has been completed:
No. of staff quarters:
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
Current	SBI	Sakhigopal, Puri	39580900261

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 2021
	Kharif	Rabi	Kharif	Rabi	
Blackgram		180000		180000	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	82,00,000		
2	Traveling allowances	100000	100000	100000
3	HRD	30000	30000	30000
3	Contingencies			
A	a) Stationary, telephone postage and other exp. on office running	440000	440000	440000
B	b) POLs, repairs of vehicles, tractor & equipments			
C	c) Meals/refreshment of farmers	330000	330000	330000
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	165000

F	h) On-farm Testing (on need based location specific)	165000	165000	165000
	i) Soil and water testing lab			
G	j) Maintenance of building	200000	-	-
H	k) SCSP Contingencies	300000	300000	300000
I	**TOTAL (A)**	**99,30,000**	**1530000**	**15,30,000**
J	Swachhta Expenditure			
B. Non-Recurring Contingencies				
1	Equipment & Furniture			
	a)office Automation			
	b)Furniture & Fixtures			
2	Works			
	Administrative building	40,00,000	40,00,000	40,00,000
	Farmers Hostel			
3	Vehicle			
4	Library(Purchase of assets like Books & journals back volume)	10,000	10,000	10,000
TOTAL (B)		**40,10,000**	**40,10,000**	**40,10,000**
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		**1,39,40,000**	**5540000**	**55,40,000**

ARYA

Sl No	Head of Account	Budget Estimate (Rs.)	Revised Estimate (Rs.)	Grant received (Rs.)	Expenditure (Rs.)	Unspent Balance	Reason for Unspent
	A. Capital 2019-20						
1	Equipment	8,35,278	8,35,278	-	-	-	Not released by OUAT
	B. Capital 2020-21						
1	Equipment	8,56,000	8,88,222	-	-	-	Not released by OUAT
	C. General 2020-21						

1	Travelling Allowances	9,32,000	11,16,444	2,24,000	2,24,000	Nil	**222222 released by ICAR but not released by OUAT**
2	Research & Operational Expenses						
	Total						
	Total(A+B+C)	**2623278**	**2839944**	**2,24,000**	**2,24,000**	**Nil**	**-**

* 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	Training on Bee Keeping	4,60,575	4,60,575	Nil	Nil	Nil	Expenditure done but fund not released by OUAT
2	CSISA	1,00,000	1,00,000	1,00,000	1,00,000	**Nil**	
	Total	**5,60,575**	**5,60,575**	**1,00,000**	**1,00,000**	**Nil**	**-**

* 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
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 (Rs 1,25,000 pending with OSSC for Blackgram seed)
2020-21 (Upto March 2021)	6,93,330.56	9,92,290	11,10,258	5,75,362. 27 (Closing Balance) (Paddy seed unprocessed- 474q Blackgram -9q)

7.6. (i) Number of SHGs associated with KVK- 12
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
6-(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	02	Rabi	Horticulture dept. Mission Shakti	-	-
Skill Training on Mushroom Cultivation	02	Rabi	Horticulture dept. Mission Shakti	-	-
Skill Training on Nursery Raising	02	Rabi	Horticulture dept. Mission Shakti	-	-
RE Linkage	7	3rd Tuesday of month	With line department	ATMA	With both
Rabi Farmers'Fair	1	Rabi	With line departments		
Web Telecast Programme National Horticulture Fair	1	Rabi	With line departments	-	-
Poshan Abhiyan	3	Kharif	DSWO	-	
International women's day	1	Rabi	DSWO	-	-
World Soil Day	1	Rabi	With line departments		
MahilakisanDiwas	1	Rabi	DSWO	-	-
Workshop on Doubling Farmer' Income	1	Rabi	With line departments	-	-
Farmers' Fair cum Exhibition	3	Rabi	With line departments	-	-

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

Type of message	No. of messages	No. of farmers covered
Crop	22	73980
Livestock	5	
Fishery	8	
Weather	3	
Marketing	3	

Awareness	5	
Training information	0	
Other	2	
Total	46	73980

9.3. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	*73980*
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	*Mushroom farmers and Value addition of Mushroom*
7.	No. of times downloaded	*500+*

9.4. a. Observation of Swachh Bharat Programme -NA

Date/ Duration of Observation	Activities undertaken

b. Details of Swachhta activities with expenditure

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

Composting of biodegradable waste management & other activities on generate of wealth for waste		
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level		
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner		
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)		
14. No of Staff members involved in the activities		
15. No of VIP/VVIPs involved in the activities		
16. Any other specific activity (in details)		
Total		

9.5. Observation of National Science day- NA

Date of Observation	Activities undertaken

9.6. Programme with Seema Suraksha Bal/ BSF - NA

Title of Programme	Date	No. of participants

9.7. Agriculture Knowledge in rural school

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
CBM College,Lokapala Gadabadaput High School	03.12.2020	-	Pen,Paper, AV Aid

Give good quality 1-2 photograph(s)

9.8. Details of '*Pre-Rabi Campaign'* Programme

Date of program me	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 ZilaPancha yat	Distt. Collector/ DM	Bank Offici als	Farmers	Govt. Officials, PRI members etc.	Total		
24.11.202 0	0	0	0	0	1	0	1	20	5	27	No	No

9.9. Details of Swachhta Hi Sewa programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Awareness programme on use agricultural waste for vermicomposting	2	100	0	0

9.10. Details of Mahila Kisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	1. Debate Competition amongst farm women on topic "Role of Women Agriculture" 2. Prize Distribution to winners of debate competition	2	38	0	0

	3. Planting material distribution for encouragement to establish nutritional garden				

9.11. 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.Laxman Bastia	At-Suhagpur,PO-Mangalpur,Puri Mobile -9178307327	Mushroom spawn production, Mushroom cultivation round the year, Mushroom Value added products
2	Mr.Santosh Mishra	At-Dandamukundapur, Block-Pipili Mobile - 9937310303	Mushroom spawn production, Mushroom cultivation round the year, Mushroom processing & marketing
3	Sri. Sanjit Kumar Mohanty	At-Jaisapatna, Block-Pipili Mobile - 9437278721	Mushroom spawn production, Button Mushroom cultivation, Mushroom processing & marketing
4	Sri Naresh Chandra Swain	At-Akhupada,Block-Purisadar, Puri Mobile -8144811682	Fish production
5	Mr.Chinmaya Patra	At-Gabadiha,Block- Gop, Puri Mobile - 6370684118	Fish production
6	Mrs. Rajalaxmi Mohanty	At-Kantunia,Block –Nimapada,Puri Mobile -9861313681	Poultry production
7	Sri Sangram Keshari Patra	At-Resinga, PO-Dandipur,Balanga,Block-Nimapada Mobile -7008268001	Custom Hiring centre
8	Mr. Partha Sarathi Behera	At-Samakula, Block-Gop, Puri Mobile- 7326866423	Poultry production
9	Mr. Dama Maharana	At- Hari Shankarpur,Block-Satyabadi,Puri Mobile-9776152456	Apiary
10	Sri Dillip Baral	At-Resinga,GP-Kothakusan, Block-Nimapada Mobile- 7008486016	Paddy seed producer
11	Sri Bichitra Pradhan	At-Arol, Block-Purisadar, Puri Mobile- 8144391411	IFS
12	Mrs. Renubala Dash	At- Tulasi Chaura, Block-Puri Sadar,Puri Mobile- 7978661280	Mushroom spawn production, Mushroom Value added products, Marketing of mushroom
13	Mr.Santosh Kumar Das	At- Janakideipur, Block- Puri Sadar,Puri Mobile-8249087691	Fish fingerling/ yearling production

14	Mr.Chandan Khuntia	At-Gualigorada,Block-Satyabadi Mobile- 6371550499	IFS
15	Sri batakrushna Swain	At- Machhipada, Block Delanga, Puri Mobile-7609068707	IFS
16	Sri Chandrasekhar Jena	At- Sultannagar, Block-Pipili, Puri Mobile-9938750137	Paddy and Vegetable
17	Mrs. Srandhanjali Gil	At- Kanhupur, Block - Satyabadi Puri Mobile-8658098875	Mushroom production
18	Sri.Prasanta Ku. Pradhan	At- Singhbrahmapur, Block Delanga, Puri Mobile-9556873726	Fish fry, fingerling production

9.12. Revenue generation

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

9.13. 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	**0**	**-**

9.14. Performance of Automatic Weather Station in KVK – Not yet started

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

9.15. 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)	5	62	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	12	Provide drainage - Heaping around the plant
		Banana	1	8	Spraying ridomil-M-Z(25gm) & Steptocycline (1.5gm) per 10 liters of water to avoid wilt
		Cucurbits	3	14	Spray Ridomil MZ 0.15% against downy mildew
		Cattle	1	25	Awareness generation among farmers about management of feed & fodder
		Poultry	2	40	Awareness among farmers to be made on the health care and disease management of the birds.Vaccination and deworming should be made as preventive. - Adequate medicines should be kept to deal

					with any emergency situation.
		Pisciculture	2	30	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: 2020
b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1	On farm evaluation of crop response to Zn fertilizer application in paddy	To assess the effect of Zn fertilizer application in paddy	3farmers , 4 villages T0-Controlled Plot T1- Zn fertilizer application	25.06 2020 to 06.07.20202	12	Avg Yield T0- 54.8q/ha
						Avg Yield T1- 56.7 q/ha
Zn Application		Crop cutting		Crop cutting		

11. Details of TSP - NA

a. Achievements of physical output under TSP during 2017-18

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

b. Fund received under TSP in 2020-21 (Rs. In lakh):

c. (i) Achievements of physical outcome under TSP during 2020-21

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	

(ii) Table:

Sl. No.	***Description***	***Unit***	***Achievements***
1	Number of Technologies Identified after Assessment	Number	

Sl. No.	*Description*	*Unit*	*Achievements*
2	Upgraded Skills and Knowledge of farmers	Number	
3	Oriented extension personnel in frontier areas of agricultural technology	Number	
4	Increased availability of quality seed	Quintal	
5	Increased availability of quality Planting material	Number	
6	Increased availability of live-stock strains and fingerlings	Number	
7	Testing of Soil & water samples for balance fertilizer use	Number	

d. Location and Beneficiary Details during 2020-21

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

12. Schedule caste Output & Outcome achievements

Sl. No.	Indicator/Activities	Unit of Indicator	Achievements
1	Farmers, farm women trained by KVKs	Number	
2	Extension personnel trained by KVKs	Number	
3	On-farm trials conducted by KVKs	Number	
4	Frontline demonstrations conducted by KVKs	Number	
5	Quantity of seeds produced	Quintal	
6	Planting materials Produced	Number	
7	Livestock strains and fingerlings produced	Number	
8	Soil & water samples tested	Number	

13. Information pertaining to ARYA Project

2020-21							
Name of KVK	Year since ARYA is initiated in the KVK (specify year)	No. of Training programs	No. of rural youth trained		No. of youth established units		No. of entrepreneurial units established
			M	**F**	**M**	**F**	
Puri	2017-18	8	120	40	46	14	60

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

Natural Resource Management

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

Crop Management

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

Livestock and fisheries

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

15. Awards/Recognition received by the KVK

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

Award received by Farmers from the KVK district

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

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

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

Sl. No.	Name of the organization/ Society	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members	Financial position (Rupees in lakh)	Success indicator
1	Omm Saibaba Mahila Utpadaka Gosthi , Nuasahi			Training & demonstration Exposure visit Linkage with line Dept. & Banks	Mushroom production, value addition (Jam,Jelly,Pickles, Badi,Papad)	30	70,000	
2	Laxmi Nrusingha Organisation for empowerment of people, TaraboiSasana			Training & demonstration Exposure visit Linkage with line Dept. & Banks	Mushroom production , Paddy seed Production	527	2,00,000	
3	Srikhetra Farmer Producer Organisation,			Training & demonstration Exposure visit	Groundnut cultivation & processing,	450	-	

	Lokapala			Linkage with line Dept. & Banks	Paddy cultivation Custom hiring centre			
4	Sarbodaya Farmer Producer Company Ltd., Baliapada			Training & demonstration Exposure visit Linkage with line Dept. & Banks	Mushroom production, marigold, vermi compost, vegetable production	1000	5,00,000	
5	AAIONA Agro. Producer Company Ltd., Garhabadaput			Training & demonstration Exposure visit Linkage with line Dept. & Banks	Mushroom production, vegetable production	200	-	

18. Integrated Farming System (IFS)
Details of KVK Demo. Unit

Sl. No.	Module details (Component-wise)	Area under IFS (ha)	Production (Commodity-wise)	Cost of production in Rs. (Component-wise)	Value realized in Rs. (Commodity-wise)	No. of farmer adopted practicing IFS	% Change in adoption during the year
1	Mushroom Production Unit	40.13sq.mt	154.75kg 124.5 kg	17845	15475 6225		
2	Apiary Unit	9Boxes	7kg 6 Nos.	-	2800 6000		
3	Vermicompost Unit	8.17sq.mt	7.2q 5.5kg	4000	7200 2750		
4	Polyhouse	41.8sq.mt	20325Nos.	37358	76610		

5	Fish Pond	0.2ha	102000No	47820	112200		

19.Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1					
2					

20.Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service -NA

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

21.Information on Visit of VIPs to KVKs, if any-NA

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

22.a) Information on **ASCI** Skill Development Training Programme, if undertaken during 2019-20 and 2020-21

Year	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 SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2016-17							
2017-18							

2018-19	Vermicompost producers	Sri Pradipta Ku.Majhi	1.2.19	12.03.19	20	YES	
	Aquaculture workers	Sri Manas Behera	11.02.19	23.03.19	20	YES	
2019-20							

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs**., if any) if undertaken during 2020-21

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	

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

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

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

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	

25. Nutri-garden

Sl.no.	Name of KVK	Established in KVK Campus	No. of nutria-garden established in the village	Major vegetables production
1	KVK Puri	01	10	**Perennials** Papaya, Drumstick **Vegetables** Plot-1: Amaranthus,Spinach Plot-2: Coriander, Amaranthus Plot-3: Brocoli Plot-4:Chicori Plot-5: Chilli Plot-6:Brinjal Plot-7:French Bean Plot-8:Lady's finger Plot 9 : Onion Plot 10: Tomato **Crop in Bonds** Marigold, Radish **Creepers-** Cucumber, Bitter Gourd **Medicinal Plants-**Tulsi

Please provide one or two good quality photographs

	
Application of Organic Fertilizer	**Nutrigarden in Instructional farm**

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

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

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

Trainings conducted during Covid-19 Situation		
		

		
Extension Activities		
		
Method Demonstration on Mushroom Cultivation	**University Foundation Day Celebration**	**Mushroom entrepreneur meet**
		
Agri Mobile Clinic	**Rabi Farmer's Fair**	**Mahila Kisan Diwas**

28. SC SP quarter-wise

Table-I: Schedule Caste Output & Outcome Achievement/Indicators for 2020-21 (QUARTER-WISE)

Physical Output 2020-2021

Sl. No.	Indicator/Activities	Unit of Indicator	Quarterly Breakup (Target)	Targets Achieved	No. of Beneficiaries	Outcome
1	**Farmers, farm women trained by KVKs**	**Number**	Q-1 Q-2 - 23 Q-3 -20 Q-4 - 20	Q-1 Q-2 -23 Q-3- 20 Q-4-20	Q-1 Q-2 - 116 Q-3- 92 Q-4- 98	
2	**Extension personnel trained by KVKs**	**Number**	Q-1 Q-2 - 1 Q-3 -5 Q-4 -4	Q-1 Q-2 -1 Q-3- 5 Q-4- 4	Q-1 Q-2 -3 Q-3- 21 Q-4- 17	
3	**On-farm trials conducted by KVKs**	**Number**	Q-1 Q-2 -5 Q-3 - 3 Q-4 -1	Q-1 Q-2 - 5 Q-3- 3 Q-4-1	Q-1 Q-2 - 9 Q-3-6 Q-4-0	
4	**Frontline demonstrations conducted by KVKs**	**Number**	Q-1 Q-2 - 10 Q-3 -8 Q-4 -3	Q-1 Q-2 -10 Q-3- 8 Q-4- 3	Q-1 Q-2 - 11 Q-3- 10 Q-4- 0	
5	**Quantity of seeds produced**	**Quintal**	Q-1 Q-2 Q-3 – 500(Paddy) Q-4 -9(Black gram)	Q-1 Q-2 Q-3- 496(unprocessed) Q-4- 9 (Blackgram) Approx.	Q-1 Q-2 Q-3 Q-4	**Blackgram harvesting is going on**
6	**Planting materials Produced**	**Number**	Q-1 Q-2 Q-3 - 7000 Q-4 -6200	Q-1 Q-2 Q-3- 12000 Q-4- 8187	Q-1 Q-2 Q-3- Q-4	**Public sale**
7	**Livestock strains and fingerlings produced**	**Number**	Q-1 Q-2-60,000 Q-3 -60,000 Q-4	Q-1 Q-2- 60,000 Q-3- 42000 Q-4	Q-1 Q-2 -5 Q-3-3 Q-4	

Sl. No.	Indicator/Activities	Unit of Indicator	Quarterly Breakup (Target)	Targets Achieved	No. of Beneficiaries	Outcome
8	**Soil & water samples tested**	**Number**	Q-1 -120 Q-2 -125 Q-3 -115 Q-4	Q-1 -118 Q-2 -120 Q-3- 110 Q-4	Q-1 -11 Q-2 -9 Q-3- 8 Q-4	