PROFORMA FOR ANNUAL REPORT 2018-19 (April 2018 to March 2019)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
At. Jajang.Po.Kapaleswar,	06727-274962		kvkkendrapara.ouat@gmail.com,
Dist. Kendrapara.Odisha. 754211			kendraparakvk@yahoo.co.in
	274963		

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

Address	Tele	ephone	E mail
	Office	FAX	
Orissa University of Agriculture and	(0674)-2397970/		
Technology Bhubaneswar-3	2397818/		
	2397719/		
	2397669 /		
	2397719 /		
	2397919 /		
	2397868		

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

Name	Telephone / Contact				
	Residence	Mobile	Email		
Dr. Surya Narayana Mishra		9437982254	suryakrishna4422@gmail.com		

1.4. Year of sanction of KVK: 1994

1.5. Staff Position (as on 1st April, 2018)

Sl.	Sanctioned post	Name of the	Designation	Discipline/	Pay	Date of	Permanent/Temporary	Category
No.		incumbent			Scale with present	joining		(SC/ST/ OBC/
					basic			Others)
1	Senior Scientist& Head	Dr. Surya Narayana Mishra	Senior Scientist & Head	Plant Protection	22320 - AGP-8000	08.09.2017	Contractual	Others
2	Subject Matter Specialist	Mrs. Namita Mohapatra	Scientist (Home Science)	Home science	15600 - 39100 AGP- 6000 22220	13.01.2012	Contractual	Others
3	Subject Matter Specialist	Sri Tapas Ranjan Sahoo	SMS(Agronomy)	Agronomy	15600 - 39100 AGP- 5400 15600	26.11.2018	Contractual	Others
4	Subject Matter Specialist	Sri Prabhanjan Mishra	SMS(Horticulture)	Horticulture	15600 - 39100 AGP- 6000 19810	22.11.2018	Contractual	Others
5	Subject Matter Specialist	Miss Smrutilipi Hota	SMS(Agril. Engineering)	Agril. Engineering	15600 - 39100 AGP- 5400 15600	08.01.2019	Contractual	Others
6	Subject Matter Specialist							
7	Subject Matter Specialist							
8	Programme Assistant	Mr Pravat Kumar Sahoo	PA(Agriculture)	Soil Science	9300-34800 GP 4200 11940	06.01.2016	Contractual	Others
9	Computer	Sri Nihar	PA(Computer)	Computer	9300-34800	15.07.2014	Contractual	Others

	Programmer	Ranjan Baral			GP 4200 15100			
10	Farm Manager	Sri Rajesha Kumar Mohapatra	Farm Manager	Agriculture	9300-34800 GP 4200 9300	01.02.2019	Contractual	Others
11	Accountant / Superintendent							
12	Stenographer	Sri Kishore Chandra Das	Jr. Steno cum Comp. Operator	-	5200-20200 GP- 2400 8490	20.07.2013	Contractual	Others
13.	Driver	Sri Rajesh Ku. Behera	Driver cum Mechanic	-	5200-20200 GP- 1900 7400	23.07.2008	Contractual	SC
14.	Driver	Sri Anirudha Gochhayat	Driver cum Mechanic	-	5200-20200 GP- 1900 7400	07.07.2014	Contractual	SC
15.	Supporting staff	Sri Krushna chandra Bhujabal	Peon cum watchman	-	4440-7440 GP- 1300 6760	29.07.2008	Contractual	Others
16.	Supporting staff	Bansidhar Parida	Peon cum watchman	-	4440-7440 GP- 1300 6760	01.07.2014	Contractual	Others

1.6. Total land with KVK (in ha)

1.0. 10tui	1.0. Total faile with tyre (in ha)						
S. No.	Item	Area (ha)					
1	Under Buildings	1.5					
2.	Under Demonstration Units	1.5					
3.	Under Crops	5					
4.	Orchard/Agro-forestry	2.5					
5.	Others with details	1.5					
	Total	12	<u> </u>				

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	Completed up to roof	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
				level	level				
1.	Administrative					✓			
	Building								
2.	Farmers Hostel					✓			
3.	Staff Quarters (6)					✓			
4.	Piggery unit								
5	Fencing					✓			
6	Rain Water								
	harvesting structure								
7	Threshing floor					✓			
8	Farm godown					✓			
9.	Dairy unit								
10.	Poultry unit					✓			
11.	Goatary unit								
12.	Mushroom Lab								
13.	Mushroom					✓			
	production unit								
14.	Shade house								
15.	Soil test Lab					✓			
16	Others,Please								
	Specify								

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Mahindra Bolero DI 2WD OR02BR6228	2011	460534	145313 (As on 31.03.2019)	Running
Hero Honda Super Splender OR 04G4022	2007	42782	47720 (As on 31.03.2018)	Running

C) Equipment & AV aids

Year of purchase	Cost (Rs.)	Present status	Source of fund
·			
2015-16	75000	Functioning	ICAR
2016-17	86000	Functioning	ICAR
2018-19	634506	Functioning	ICAR
	_		
2017-18	28000	Functioning	ICAR
	2015-16 2016-17 2018-19	2015-16 75000 2016-17 86000 2018-19 634506	2015-16 75000 Functioning 2016-17 86000 Functioning 2018-19 634506 Functioning

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Secature, Improved sickles and tree prunner	2017	4000/-	Good condition	KVK, Contigency
2 battery operated and one manual sprayer	2018	11,000/-	Sprayers in good condition	KVK, Contigency

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of	Salient Recommendations	Action taken	If not conducted, state reason
		Participants			
1.	11.12.2018	30			

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

2.a. District level data on agriculture, livestock and farming situation (2018-19)

Sl. No.	Item	Information
1	Major Farming system/enterprise	Rice-Fallow, Rice-Pulse, Rice-Pulse-Vegetable, Rice-
		Vegetable, Vegetable-Vegetable
2	Agro-climatic Zone	East & South-East Costal Plane Zone
3	Agro ecological situation	Coastal Irrigated alluvium (AES-1)
		Rainfed alluvium (AES-2)
		Coastal alluvial saline (AES-3)
		Coastal waterlogged (AES-4)
4	Soil type	Alluvial (Sandy loam)
		Alluvial (Sandy loam)
		Saline
		Black Soil clay loam
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables,	Rice
	fruits and others	Greengram
		Blackgram
		Groundnut
6	Mean yearly temperature, rainfall, humidity of the district	
7	Production of major livestock products like milk, egg, meat etc.	

PRODUCTION AND PRODUCTIVITY OF LIVESTOCK, POULTRY, FISHERIES ETC. IN THE DISTRICT

Category	Population	Production	Productivity
Cattle	•	•	
Crossbred	29400	31000 MT/yr(milk)	
Indigenous	188728		
Buffalo	31735		
Sheep	•	•	
Crossbred	43367	324 MT/yr(meat)	

Category	Population	Production	Productivity
Indigenous			
Goats	104474		
Pigs			
Crossbred	9231		
Indigenous			
Rabbits			
Poultry			
Hens	301564	27 millions eggs/yr	
Desi			
Improved			
Ducks	94200		
Turkey and others			

Note: Please give recent data only

2.b. Details of operational area / villages (2018-19)

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1		Mahakalpada	Ranki	Paddy, vegetables, pulses	Soil salinity, marketing problem	
2		Derabis	Ender	Paddy, pulses		
3		Pattamundai	Napanga	Paddy		
4		Derabis	Raipur	Paddy, vegetables, pulses		
5		Marshaghai	Raghunathpur	Paddy, vegetables, pulses		

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2018-19) for its development and action plan

Name of village	Block	Action taken for development

2.1 Priority thrust areas

S. No	Thrust area
1.	Management of acid and saline soil.
2.	Varietal substitution of rice, pulses, oilseed and vegetables for higher production and suitable for adverse climatic condition.
3.	Integrated nutrient management in rice, pulses and vegetables
4.	Integrated management of major pest of rice, pulses and vegetables.
5.	Integrated weed management in rice, greengram, blackgram and vegetables.
6.	Value addition of tomato, potato and milk
7.	Introduction of small scale remunerative enterprises.
8.	Drudgery reduction of farm women.
9.	Breed up gradation in livestock's.
10.	Introduction of improved poultry variety.
11.	Improved housing system for livestock and poultry.
12.	Feed management in pisciculture pond.
13.	Yearling production
14.	Integrated farming system

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievement of mandatory activities by KVK during the year

			OFT	•								FLD											
No. of tec	No. of technologies tested:											No. of technologies demonstrated:											
Numb	Number of OFTs Number of farmers										Number of FLDs Number of farmers												
Target	Achievement	Target	Acl	hiev	eme	nt						Target	Achievement	Target	Achi	Achievement							
10	8	76	SC		ST		Oth	ers	Tot	al		20	15	200	SC		ST		Oth	ers	Tot	al	
			M	F	M F M F M F T						T				M	F	M	F	M	F	M	F	T
			2 1 34 25 36 26 62									12	3	-	-	82	49	94	52	146			

				Tra	inin	g						Extension activities											
Nu	Number of Number of Participants									Number of Number of participants													
C	Courses											ac	ctivities										
Targ	Achievem	Targ	Acl	Achievement								Targ	Achievem	Targ	Achie	Achievement							
et	ent	et										et	ent	et									
85	74	190	S	С	S	T	Oth	ers		Total		500	4262	300	S	С	S'	Т	Oth	ers		Total	
		0										0		00									
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
			8	3	6	3	100	.00 52 109 56 165							129	43	10	6	185	586	199	636	26,3
			5	5 4 4 6 2 3 5						5				6	2	3	5	48	5	47	2	09	

	Impact of capacity building										Impact of Extension activities										
Number o	Number of Participants Number of Trainees got employment (self										Number of Participants Number of participants got employment (se							(self/			
tr	trained wage/ entrepreneur/ engaged as skilled								ed	attended wage/ entrepreneur/ engaged as skilled					led						
]	manpo	wer)										man	power	.)		
Target	Achievement	SC		ST		Othe	rs	Total	l		Target	Achievement	SC	SC ST Others Total							
1900	1655	M	F	M	F	M	M F M F T		30000	26,309	M	F	M	F	M	F	M	F	T		
		4 3 1 - 240 72 245 75 320			320			45	23	3	7	878	294	926	324	1250					

Seed	production (q)	Planting mate	erial (in Lakh)
Target	Achievement	Target	Achievement
200	165	0.15	0.10

Livestock strains and fish fir	gerlings produced (in lakh)*	Soil, water, plant, manures samples tested						
Target	Achievement	Target	Achievement					
-	-	300	214					

^{*} Give no. only in case of fish fingerlings

		I	Publication by KVKs				
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper	-	-					
Seminar/conference/ symposia	1	1					
papers							
Books	3	1000					
Bulletins	2	20					
News letter	3	1500					
Popular Articles	16	-					
Book Chapter	=	=					
Extension Pamphlets/literature	5	3000					
Technical reports	4	20			_		
Electronic Publication (CD/DVD etc)	-	-					
TOTAL	34	5541					

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of foliar nutrition of N-P-K (19-19-19) in rice
2.	Problem diagnosed	Low yield of rice due to poor nutrient management.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO ₁ : Cultivation of rice with normal recommended practices with two sprays of Urea @1.5% spray at active tillering and PI stage, TO ₂ : Cultivation of rice with normal recommended practices with two sprays of N-P-
	(Mention ettier Assessed of Reffiled)	K (19-19-19) @1.5% spray at Active tillering and PI stage,
4.	Source of Technology (ICAR/AICRP/SAU/other, please specify)	BAU,2017
5.	Production system and thematic area	Rice –rice, crop production
6.	Performance of the Technology with performance indicators	Cultivation of rice with normal recommended practices with two sprays of N-P-K (19-19-19) @1.5% spray at active tillering and PI stage results in 21 % higher yield than the farmers practice and gives higher economic return with 1.56 B:C ratio.
7.	Final recommendation for micro level situation	Two foliar application of N-P-K (19-19-19) @ 1.5 % spray at active tillering and PI stage resulted higher yield and higher economic return in summer rice cultivation in irrigated system.
8.	Constraints identified and feedback for research	Foliar application of water soluble fertilizer delayed panicle emergence and needs further research
9.	Process of farmers participation and their reaction	7 no s of farmers participated in this trial and take participation in the demonstration of foliar spray. They realized the yield enhancement effect due to foliar spray and sought complete input supply instead of only critical inputs.

Thematic area: Integrated nutrient management

Problem definition: Low yield of rice due to poor nutrient management.

Technology assessed:

FP: Cultivation of rice (Mahalaxmi Local) with no foliar application of nutrients and with application of 60-30-30 kg/ha of $N-P_2O_5-K_2O$ with only one split application of N at PI stage

TO₁: Cultivation of rice with normal recommended practices with two sprays of Urea @1.5% spray at active tillering and PI stage,

TO₂: Cultivation of rice with normal recommended practices with two sprays of N-P-K (19-19-19) @ 1.5% spray at Active tillering and PI stage.

Table: 1

Technology option	No. of trials	No. of effective tillers/sqm	eld component No. of filled spikelet per panicle	Test wt. (100 grain wt.)	Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
FP	7	216.7	136.3	17.8	13	31.85	32230	44590	12360	1.38
TO ₁	7	218.3	142.2	18.3	12	36.24	33674	50736	17062	1.51
TO ₂	7	218.5	147.4	18.6	10	38.52	34561	53920	19367	1.56

Results:

Cultivation of rice with normal recommended practices with two sprays of N-P-K (19-19-19) @1.5% spray at Active tillering and PI stage resulted in higher crop yield i.e. 38.52 q/ha which also found to be superior with respect to economic return resulting in higher net return (Rs 19367) and B: C ratio 1.56. The results of the treatment TO2 is followed by cultivation of rice with normal recommended practices with two sprays of Urea @1.5% spray at active tillering and PI stage. Both the assessing technology perform better over the farmers practice.

Achievements on technologies assessed and refined OFT-2

1.	Title of On farm Trial	Assessment of colocasia varieties
2.	Problem diagnosed	Low yield form colacasia due to high blight infestation, less tolerant to water lodg
		condition.
2	D . 1 C. 1 1 . 1 . 1C	

2.	Problem diagnosed	Low yield form colacasia due to high blight infestation, less tolerant to water lodged
		condition.
3.	Details of technologies selected for	FP: Cultivation of local variety carry over seed colocasia
	assessment/refinement	TO ₁ : Colocasia variety Muktakeshi resistant to leaf blight, avg. yield (18 t/ha) t/ha
	(Mention either Assessed or Refined)	TO ₂ : Colocasia variety Telia suitable for water logged condition, good cooking quality
		with longer shelf life, avg. yield 18-20t/ha
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CTCRI,2012
5.	Production system and thematic area	Varietal evaluation
6.	Performance of the Technology with performance indicators	Colocasia variety Muktakeshi resistant to leaf blight, and avg. yielded 17.84 t/ha
7.	Final recommendation for micro level situation	Muktakeshi var has yield advantage over FP 22% alongwith leaf blight tolerance capacity
8.	Constraints identified and feedback for research	Telia variety is susceptible to leaf blight
9.	Process of farmers participation and their reaction	Farmers stored planting materials of this year production for growing in future and satisfied with the performance of muktakeshi variety

Thematic area: Varietal evaluation

Problem definition: Low yield form colacasia due to high blight infestation, less tolerant to water lodged condition.

Technology assessed:

FP: Cultivation of local variety carry over seed colocasia

TO₁: Colocasia variety Muktakeshi resistant to leaf blight, avg. yield (18 t/ha) t/ha

TO₂: Colocasia variety Telia suitable for water logged condition, good cooking quality with longer shelf life, avg. yield 18-20t/ha Table:

Technology option	No. of trials	Disease/ insect	Yield	Cost of cultivation	Gross return	Net return	BC ratio
		pest incidence (%)	(q/ha)	(Rs./ha)	(Rs/ha)	(Rs./ha)	
FP	07	22	161	75,300	1,28,800	53,500	1.7
TO ₁	07	6	178.4	79,700	1,42720	63,020	1.8
TO ₂	07	24	192.8	79,700	1,54,240	80,300	1.9

Results:

Achievements on technologies assessed and refined

OFT-3

Title of On farm Trial	Assessment of IPM strategy for management of sheath blight in rice
Problem diagnosed	Low yield of rice due to sheath blight in rice
Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Spraying of Mancozeb @ 2.5g / lit TO ₁ : Seed treatment with carboxin 37.5 % + Thiram 37.5 % @ 2.5 g./ kg seed and alternate spraying of Thifluzemide 0.75 ml/lit and hexaconazole 2 ml/lit at 15 days interval TO ₂ : Seed treatment with Thiophinate methyl 1.5 gram /kg seed and need based spraying of tebuconazole 50 % + Trifloxystrobin 25 % 0.4 gm/litres and validamycine @ 2 ml/lit at 15 days interval
Source of Technology (ICAR/ AICRP/SAU/other, please specify)	
Production system and thematic area	Integrated pest management
Performance of the Technology with performance indicators	
Final recommendation for micro level situation	
Constraints identified and feedback for research	
Process of farmers participation and their reaction	
	Problem diagnosed Details of technologies selected for assessment/refinement (Mention either Assessed or Refined) Source of Technology (ICAR/ AICRP/SAU/other, please specify) Production system and thematic area Performance of the Technology with performance indicators Final recommendation for micro level situation Constraints identified and feedback for research

Thematic area: Integrated pest management
Problem definition: Problem diagnose: Low yield of rice due to sheath blight in rice

Technology assessed:

FP: Spraying of Mancozeb @ 2.5g / lit

TO₁: Seed treatment with carboxin 37.5 % + Thiram 37.5 % @ 2.5 g./ kg seed and alternate spraying of Thifluzemide 0.75 ml/lit and hexaconazole 2 ml/lit at 15 days interval

TO₂: Seed treatment with Thiophinate methyl 1.5 gram /kg seed and need based spraying of tebuconazole 50 % + Trifloxystrobin 25 % 0.4 gm/litres and validamycine @ 2 ml/lit at 15 days interval

Table:

Technology	No. of	Y	ield component		Disease/	Yield	Cost	Gross return	Net return	BC
option	trials	No. of	No. of spikelet	Test wt.	insect pest	(q/	cultivation	(Rs/ha)	(Rs./ha)	ratio
		effective	per panicle	(100	incidence	ha)	(Rs./ha)			
		tillers/hill		grain wt.)	(%)					
FP						38.0	37500	53200	15700	1.41
TO ₁						44.0	39000	61600	22600	1.57
TO ₂						49.0	40500	68600	28100	1.69

Results:

Achievements on technologies assessed and refined

OFT-4

1.	Title of On farm Trial	Assessment of IPM strategy for management of sucking pest in chilli
2.	Problem diagnosed	Low yield of chilli due to sucking pest infestation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Spraying of imidachloprid 17.8 SL @ 4 ml/ 10 lit of water TO ₁ : Blue sticky trap: 50 nos /ha, need based alternative spraying of neem 1500 ppm @ 3 ml/lit and thiomethoxam 25 % WG @ 0.35 g./lit of water at 10 days interval for management of thrips and need based application of propogite 57 % EC @ 2 ml/lit for management of mite. TO ₂ : Blue sticky trap: 50 nos /ha, need base alternative spraying of neem 1500 ppm @ 3 ml/lit and Difenthurion 50 % WP @ 1.25 gram/lit of water at 10 days interval for management of thrips and mite.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	
5.	Production system and thematic area	Integrated pest management
6.	Performance of the Technology with performance indicators	
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: Integrated pest management

Problem definition: Low yield of chilli due to sucking pest infestation

Technology assessed:

FP: Spraying of imidachloprid 17.8 SL @ 4 ml/ 10 lit of water

 TO_1 : Blue sticky trap: 50 nos /ha, need based alternative spraying of neem 1500 ppm @ 3 ml/lit and thiomethoxam 25 % WG @ 0.35 g./lit of water at 10 days interval for management of thrips and need based application of propogite 57 % EC @ 2 ml/lit for management of mite.

 TO_2 : Blue sticky trap: 50 nos /ha, need base alternative spraying of neem 1500 ppm @ 3 ml/lit and Difenthurion 50 % WP @ 1.25 gram/lit of water at 10 days interval for management of thrips and mite.

Table:

Technology	No. of	Y	ield component		Disease/	Yield	Cost	of Gross return	Net return	BC
option	trials	No. of	No. of spikelet	Test wt.	insect pest	(q/ha)	cultivation	(Rs/ha)	(Rs./ha)	ratio
		effective	per panicle	(100	incidence		(Rs./ha)			
		tillers/hill		grain wt.)	(%)					
FP						35	63500	157500		2.48
TO ₁						44	69000	198000		2.86
TO_2						41	65500	184500		2.77

Results:

Achievements on technologies assessed and refined **OFT-5**

1.	Title of On farm Trial	Assessment of medium duration rice varieties tolerant to BPH
2.	Problem diagnosed	Low yield of rice due to BPH / WBPH infestation
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Cultivation of Swarna TO ₁ : Cultivation of rice variety Hasanta, 145-150 days duration, Grain size: Medium slender, Panicle length: 27.8 cm, Average yield: 55-60 q/ha; Resistant to BPH. TO ₂ : Cultivation of Pooja, 145 days duration, Avg. yield 45-50 qt/ha, Grain size: Medium slender, Resistant to blast
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on Rice Chiplima, Odisha-2015, OUAT, Odisha 2005.
5.	Production system and thematic area	Rice –pulse farming system, Varietal evaluation
6.	Performance of the Technology with performance indicators	TO ₁ :Cultivation of rice variety Hasanta, 145-150 days duration, Grain size: Medium slender, Panicle length: 27.8 cm, Average yield: 55-60 q/ha; Resistant to BPH. TO ₂ :Cultivation of Pooja, 145 days duration, Avg. yield 45-50 qt/ha, Grain size: Medium slender, Resistant to blastCost of intervention. Additional income over additional investment Yield (q/ha), B:C ratio.
7.	Final recommendation for micro level situation	Better performances of rice variety Hasanta, 145-150 days duration, Grain size: Medium slender, Panicle length: 27.8 cm, Average yield: 55-60 q/ha; Resistant to BPH. And Cultivation of Pooja, 145 days duration, Avg. yield 45-50 qt/ha, Grain size: Medium slender, Resistant to blastCost of intervention.
8.	Constraints identified and feedback for research	Low yield of rice due to BPH / WBPH infestation. Cultivation of rice variety Hasanta needs to area expansion.
9.	Process of farmers participation and their reaction	Satisfactory

Thematic area: Integrated pest management

Problem definition: Low yield of rice due to BPH / WBPH infestation

Technology assessed:

FP: Cultivation of Swarna

 TO_1 :Cultivation of rice variety Hasanta, 145-150 days duration, Grain size : Medium slender, Panicle length: 27.8 cm, Average yield: 55-60 q/ha; Resistant to BPH.

TO₂:Cultivation of Pooja, 145 days duration, Avg. yield 45-50 qt/ha, Grain size: Medium slender, Resistant to blast

Table:

Technology	No. of	,	Yield component		Disease/	Yield	Cost of	Gross return	Net return	BC
option	trials	No. of	No. of grains	Test wt.	insect pest	(q/ha)	cultivation	(Rs/ha)	(Rs./ha)	ratio
		effective	per panicle	(1000grain	incidence		(Rs./ha)			
		tillers/hill		wt.)gm.	(%)					
FP	07	17	120	24.5	24	40.2	40567	56280	15713	1.38
T01	07	29	155	26.5	07	46.3	41684	64820	23136	1.55
T02	07	23	140	25	09	43.9	42901	61460	18559	1.43

Results:

FP: Cultivation of Swarna Yield about 40.2 q/ha

TO₁:Cultivation of rice variety Hasanta, Yield about 46.3 q/ha which is 15.17 % increase in yield over farmer practice.145-150 days duration, Grain size : Medium slender, Disease/insect pest incidence 7%

TO₂:Cultivation of Pooja Yield about 43.9 q/ha which is 9.20 % increase in yield over farmer practice Avg. Disease/ insect pest incidence 9% B:C ratio. of Hasant is 1.55 which is better than Swarna and pooja.

$\label{lem:control} A chievements \ on \ technologies \ assessed \ and \ refined$

OFT-6

1.	Title of On farm Trial	Assessment of nutrient management in blackgram
2.	Problem diagnosed	Low yield of blackgram due to improper nutrient management.
3.	Details of technologies selected for	FP: Imbalanced nutrient application (DAP 30 kg/ha)
	assessment/refinement	TO ₁ : Recommended fertilizer dose (20:40:20 NPK kg/ha)
	(Mention either Assessed or Refined)	TO ₂ : Soil test based fertilizer + 2% DAP foliar spray at pre flowering stage.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT-2012
5.	Production system and thematic area	Rainfed, medium land,
		(Rice-Pulse) ,Integrated nutrient Management
6.	Performance of the Technology with performance	TO ₁ : Recommended fertilizer dose (20:40:20 NPK kg/ha)
	indicators	TO ₂ : Soil test based fertilizer + 2% DAP foliar spray at pre flowering stage.
7.	Final recommendation for micro level situation	Two foliar application of DAP @ 1.5 % spray at active tillering and PI stage resulted higher yield and higher economic return in Kharif rice cultivation in irrigated system.
8.	Constraints identified and feedback for research	Foliar application of water soluble fertilizer delayed panicle emergence and needs more Research.
9.	Process of farmers participation and their reaction	7 no s of farmers participated in this trial and take participation in the demonstration of foliar spray. They realized the yield enhancement effect due to foliar spray.

Thematic area: Integrated nutrient management

Problem definition: Low yield of blackgram due to improper nutrient management.

Technology assessed:

FP: Imbalanced nutrient application (DAP 30 kg/ha)

TO₁: Recommended fertilizer dose (20:40:20 NPK kg/ha)

TO₂: Soil test based fertilizer + 2% DAP foliar spray at pre flowering stage.

Table:

Technology	No. of	Yie	eld component		(%)	Yield	Cost of	Gross	Net return	BC
option	trials	No. of pods/plant(nos.)	No. of Seeds/pod(nos.)	Test wt. (100 0grain wt.)gm.	increase in yield	(q/ha)	cultivation (Rs./ha)	return (Rs/ha)	(Rs./ha)	ratio
FP	07	30	4	37		4.8	12300	19200	6900	1.56
T01	07	45	5	39	10.41	5.3	12975	21200	8225	1.63
T02	07	55	6	42	16.66	5.6	12102	22400	10298	1.85

Results:

Cultivation of Blackgram with normal recommended practices with foliar sprays of DAP @2 % at the time of first appearance of flowers and a second spray at 15 days after first spray for enhanced seed set. TO_1 yield enhanced 5.3q/ha and 10.41(%) increased in yield with and TO_2 yield enhanced 5.6 q/ha and 16.66(%) increased in yield with B:C ratio 1.85

Achievements on technologies assessed and refined ${\bf OFT\text{-}7}$

1.	Title of On farm Trial	Assessment of locally prepared fish feed on growth and yield of fish
2.	Problem diagnosed	Low income from fish due to high cost of commercial feed
3.	Details of technologies selected for	FP: Use of commercial feed
	assessment/refinement	TO₁: Groundnut oil cake + rice polish @ 50:50
	(Mention either Assessed or Refined)	TO ₂ : Mustard oil cake + rice polish @ 60:40
4.	Source of Technology (ICAR/ AICRP/SAU/other,	SAU : College of Fishery, Rangeilunda, Berhampur-7 (OUAT)
	please specify)	
5.	Production system and thematic area	Feed management
6.	Performance of the Technology with performance	Satisfactory with higher profit
	indicators	
7.	Final recommendation for micro level situation	Groundnut oil cake + rice polish @ 50:50 is recommended as low cost fish feed to get
		more profit
8.	Constraints identified and feedback for research	Availability of quality groundnut oil cake at village level. It is found that Groundnut
		oil cake + rice polish @ 50:50 is better than other combinations
9.	Process of farmers participation and their reaction	Proper mixing of Groundnut oil cake + rice polish followed by method of application

(Broad casting) at the right time.

Thematic area:

Problem definition: Low income from fish due to high cost of commercial feed

Technology assessed:

FP: Use of commercial feed

TO₁: Groundnut oil cake + rice polish @ 50:50 TO₂: Mustard oil cake + rice polish @ 60:40

Table:

Technology option	No. of trials	Yield	Cost of cultivation	Gross return (Rs/ha)	Net return	BC ratio
		(q/ha)	(Rs./ha)		(Rs./ha)	
FP	13	32.55	1,95,300	3,25,500	1,30,200	1.6
TO ₁	13	34.12	1,76,600	3,41,200	1,64,600	1.9
TO ₂	13	28.45	1,84,925	2,84,500	99,575	1.53

Results:

Achievements on technologies assessed and refined

OFT-8

1.	Title of On farm Trial	Assessment of production of vermicompost using different organic wastes
2.	Problem diagnosed	Unavailability of organic wastes for preparation of vermicompost
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Use of Agriculture waste for vermicompost production TO ₁ : Cow dung + straw 2:1 ratio TO ₂ : Cow dung + aquatic weeds 1:2 ratio
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AINP on Biodiversity and bio fertilizer , OUAT,2012
5.	Production system and thematic area	Production of organic input in organic farming
6.	Performance of the Technology with performance indicators	Nutrient content of vermicopmost is better than FYM. N-P-K content
7.	Final recommendation for micro level situation	Using low amount of cow dung with maximum utilization of available agricultural waste (aquatic weed)
8.	Constraints identified and feedback for research	Availabilty of earthworm for composting is a constraints.
9.	Process of farmers participation and their reaction	Proper utilization and recycling of agricultural waste for soil health management .

Thematic area:

Problem definition: Unavailability of organic wastes for preparation of vermicompost

Technology assessed:

FP: Use of Agriculture waste for vermicompost production

TO₁: Cow dung + straw 2:1 ratio

TO₂: Cow dung + aquatic weeds 1:2 ratio

Table:

Tubici										
Technology	No. of	N	lutrient content		Disease/	Yield	Cost of	Gross return	Net return	BC
option	trials	N%	P%	К%	insect pest	(q/ha)	cultivation	(Rs/ha)	(Rs./ha)	ratio
					incidence		(Rs./ha)			
					(%)					
FP	7	1.13	0.53	0.67		2.77	1520	2770	1250	1.82
TO ₁	7	1.16	0.52	0.71		2.80	1720	3300	1580	1.91
TO	7	1 11	0.06	1.08		2.00	1220	3380	2060	2.56
TO ₂	/	1.44	0.86	1.08		2.88	1320	3380	2060	2.50

Results:

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Sl.	I from I Thomatic area	Technology Demonstrated with	Area	(ha)					farm nstra					Reasons for shortfall in	
No.	Crop	I nematic area	detailed treatments	Proposed	Actual	SC		ST		Oth		Tot			achievement
						M	F	M	F	M	F	M	F	Т	acmevement
1	Groundnut	Integrated Weed management	FP: Cultivation of groundnut without application of herbicide for control of weeds. Only manual weeding is done after 25-30 DAS. RP: Application of post emergence herbicide Sodium Aciflurofen 16.5 %+clodinafop propargyl 8 % EC @ 400 ml/ acre after 25 DAS in Groundnut	2	2	1				9		10	-	10	
2	Chilli	Water conservation technologies	FP: Cultivation of green chilli without using mulching and drip irrigation. RP:Mulching (25 micron poly mulch) with in line drip irrigation in chill to reduce water consumption. Planting in spacing of PXR= 45 cm X 60 cm.												
3	Yam	Varietal evaluation	FP: Cultivation of local variety yam. RP: Cultivation of yam var. Shree Nidhi												

Sl.	Crop	Thematic area	Technology Demonstrated with	Area				de		farm nstra	tior	1			Reasons for shortfall in
No.	Сгор	i nematic area	detailed treatments	Proposed	Actual	SC M	F	ST M	F	Oth M	ers F	Tot M	tal F	Т	achievement
4	Vegetable seedling	Production of quality planting materials	FP: Open seedling raising. RP: Raising of vegetable seedling under poly tunnel structure (8x3x2) m decrease the damage and disease infestation.			M	r	IVI	r	IM	r	IVI	r	1	
5	Rice	Integerated pest management	FP: Spraying of imidachlorpid 17.8 Sl 4ml/10 lit of water. RP: Keeping alleyways of 30 cm after 3 mt interval, alternate drying and wetting and alternate spraying of Flonicamide 50 % WG @ 0.3 g./lit with Buprofezin 750 ml/ha at 10 days interval												
6	Brinjal	Integrated disease management	FP: Spraying of infective fungicides (Carbendizam 2.0 g./lit) RP: Removal of affected plants, soil drenching of Copper oxychloride 88 % WP @ 2.5g/lit and Streptocycline 1.0 gram/10 lit. of water twice at 10 days interval												
7	Cucumber	Integrated pest management	FP: Spraying of chloropyriphos for 8management of fruit fly												

Sl.		m) .:	Technology	Area	(ha)					farm					Reasons for
No.	Crop	Thematic area	Demonstrated with	Proposed	Actual	SC		ST		Oth	ers	Tot	al		shortfall in
			detailed treatments			M	F	M	F	M	F	M	F	T	achievement
			in cucumber. RP: Fruit fly trap @ 25/ha in the time of fruit setting will reduce the male fruit fly population.												
8	Groundnut	Integrated disease management	FP: Spraying of carbendizim 12 % + Mancozeb 64 % @ 2 gram/lit. RP: Seed treatment with Carboxin 37.5 % + Thiram 37.5 % @ 2.0 g/kg seed. Alternate spraying of Chlothalonil @ 1.5 g/lit and carbendizm + Mancozeb @ 2.0 gram/lit at 15 days interval.												
9	Rice	Integrated nutrient management	FP: Improper management of nitrogenous fertilizer. RP: Application of nitrogenous fertilizers in phases as per LCC reading	1	1	0	0	0	0	10	0	10	0	10	
10	Jute	Integrated nutrient management	FP: Imbalanced fertilizer application. RP: Soil test based fertilizer application and soil application of Azotobacter and PSB innocultaed in FYM @ 3.0	1	1	0	0	0	0	10	0	10	0	10	

Sl. No.	Cron	Thematic area	Technology Demonstrated with	Area	(ha)			d		farm nstra	tion	l			Reasons for shortfall in
No.	СГОР	Thematic area	detailed treatments	Proposed	Actual	SC	1	ST		Oth		Tot			achievement
						M	F	M	F	M	F	M	F	T	demevement
			Kg each / 100 kg FYM												
11	Greengram	Management of problematic soils	FP: No application of lime / PMS. RP: Application of lime (0.2LR) at the time of final ploughing with FYM @ 5 t/ha followed by soil test based fertilizer application.	1	1	2	0	0	0	8	0	10	0	10	
12	Groundnut	Integrated nutrient management	FP: No use of micronutrients. RP: Soil test based zinc and boron micronutrient application	1	1	3	3	1	3			4	6	10	
13	Honey bee	Bee keeping	FP: Lack of knowledge on be keeping. RP: Rearing of Apis cerana indica with proper management .Bottom board cleaning ,feeding of sugar solution at weakly interval during lean period, New comb construction , Monthly observations												
14	Mushroom	Mushroom cultivation	FP: Cultivation of paddy straw mushroom under normal shade in winter. RP: Cultivation of paddy straw mushroom under the poly house of (20X10 X9) feet size, 200 micron												

Sl.	Crop	Thematic area	Technology Demonstrated with	Area				de		farm nstra	tion	1			Reasons for shortfall in
No.	СГОР	Thematic area	detailed treatments	Proposed	Actual	SC M	F	ST M	F	Oth M	ers F	Tot M	al F	Т	achievement
			UV stabilized polythene with exhaust fan ventilation in winter by maintaining temperature												
15	Nutritional garden	Nutritional gardening	FP: Home garden with seasonal vegetables. RP: Nutritional garden with protein , vitamin & iron rich vegetables, low cost poly tunnel for seedling raising, vermicompost unit, trelly for creeper, zero energy cool chamber.												
16	Marigold		FP: Cultivation of local variety seasonal marigold. RP: Seedling treatment with Bavistin@2gm/lt, recommended dose of fertilizer 32:32:32/acre NPK with (45 X 30) cm spacing Pinching of apical shoots at 30 DAT, Need base IPM practices												

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	St	atus of so (Kg/ha)	oil	Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
	Š	Fa sit (RF/I	So	N	P ₂ O ₅	K ₂ O	Previ	Sow	Harv	Se rainf	No.
Groundnut	Rabi	Irrigated	Sandy loam	180	16	192	Rice	16.11.2018	24.02.2019	32	3
Chilli											
Yam											
Vegetable seedling											
Rice											
Brinjal											
Cucumber											
Groundnut											
Rice	Kharif	Irrigated	Alluvial	128.3- 208.3	5.7- 12.4	114.2- 179.6	Blackgram	27.08.2018	27.01.2019	546	34
Jute	Kharif	Irrigated	Alluvial	118.3- 199.4	4.3- 11.1	113.9- 200.6	Greengram	4.04.2018	05.09.2018	989	41
Greengram	Rabi	RF	Sandy Clay,Acidic	119.5- 190.4	8.6- 11.3	117.2- 185.8	Rice	29.12.2018	27.02.2019	46	04
Groundnut	Rabi	RF	Sandy Clay,Saline	121.6- 205.3	6.5- 11.8	121.8- 181.3	Rice	29.11.2018	12.03.2019	85	04
Honey bee	Rabi	-	-	-	-	-	-	24.01.2019	Cont	23	2
Mushroom	Rabi	Rainfed	-	-	-	-	-	21.12.2018	8.01.2019	26	2
Nutritional garden	Kharif	Irrigated	Clay loam	165	20	210	-	03.08.2018	14.09.2018	346	23
Marigold	Rabi	Irrigated	Clayey soil	156	14	153	Paddy	04.02.2019	28.04.2019	35	3

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.

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with	Area (ha)					farm nstra	,				Reasons for shortfall in achievement
			detailed treatments	Proposed	Actual	SC		ST		Othe	ers	Tot	al		
						M	F	M	F	M	F	M	F	T	

Details of farming situation

Crop	eason	rming uation rrigated)	il type	S	tatus of so (Kg/ha)		ious crop	ing date	rest date	asonal all (mm)	of rainy days
	Š	F si	So	N	P ₂ O ₅	K ₂ O	Previ	Sow		S	No.

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	Name of the technology	No. of	Are a	Yield	(q/ha)	% Incre	*Econo	mics of de (Rs./h		*I	Economics of check (Rs./ha)			
СГОР	Area	demonstrated	Farm ers	(ha)	Dem o	Check	ase	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Total															

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

Pulses

Frontline demonstration on pulse crops

Cron	Thematic	Name of the technology demonstrated	No. of	Area	Yield (q/ha)		Yield (q/ha)		%	*Econ	omics of o (Rs./		ation	*E	Conomics (Rs./	s of check ha)	ζ
Crop	Area		Farmers	(ha)	Demo	Check	Increase	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR		
	Total																

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

^{**} BCR= GROSS RETURN/GROSS COST

Other crops

Crop	Thema	Name of the	No.	Are	Yield (q	/ha)	%	Other		*Econ	omics of	?		*Economics of check				
-	tic	technology	of	a			chang	param	eters	demo	nstratioi	n (Rs./ha		(Rs./ha)				
	area	demonstrated	Farm	(ha	Demo	Chec	e in	Dem	Chec	Gros	Gross	Net	**	Gros	Gro	Net	**	
			er)	ns	k	yield	0	k	S	Retur	Retur	BC	S	SS	Retur	BCR	
					ration					Cost	n	n	R	Cost	Ret	n		
															urn			
Grou	Integra	FP: Cultivation of	10	2	17.85	15.6	14.28			382	7140	3312	1.8	358	624	2665	1.74	
ndnu	ted	groundnut without				2				80	0	0	7	30	80	0		
t	Weed	application of																
	manag	herbicide for control																
	ement	of weeds. Only																
		manual weeding is																
		done after 25-30																
		DAS.																
		RP: Application of																
		post emergence																
		herbicide Sodium																
		Aciflurofen 16.5																
		%+clodinafop																
		propargyl 8 % EC @																
		400 ml/ acre after 25																
G1 1111		DAS in Groundnut	4.0	41	4	40.					0.4					0.0		
Chilli		FP: Cultivation of	10	1ha	155	125	20			9	2,1	1,1	2	7	1,	98,	2.	
		green chilli without								2,	0,0	7,2		6,	7	30	2	
		using mulching and								8	00	00	3	7	5,	0		
		drip irrigation.								0				0	0			
		RP:Mulching (25								0				0	0			
		micron poly mulch)													0			
		with in line drip																
		irrigation in chill to																
		reduce water																
		consumption.																
		Planting in spacing																
		of PXR= 45 cm X 60	1															
		cm.	<u> </u>	l						<u> </u>					Ì			

Crop	Thema	Name of the	No.	Are	Yield (q	Yield (q/ha)		Other			omics of			*Economics of check				
	tic	technology	of	a				paran			nstration			(Rs./h		ı		
	area	demonstrated	Farm	(ha	Demo	Chec	e in	Dem	Chec	Gros	Gross	Net	**	Gros	Gro	Net	**	
			er)	ns	k	yield	0	k	S	Retur	Retur	BC	S	SS	Retur	BCR	
					ration					Cost	n	n	R	Cost	Ret	n		
															urn			
Yam	Varieta	FP: Cultivation of	10	1ha	184	146	26											
	l	local variety yam.								214	2600	1510	4.7	1.06	2.02	1060		
	evalua	RP: Cultivation of								000	3680	1540	1.7	1,86	2,92	1060	1.56	
	tion	yam var. Shree Nidhi								000	00	00	1	,000	,000	00		
	01011	Juni vari oni oo mani																
Vege		FP: Open seedling						6%	78%	9,00								
table		raising.						mort	mort	0								
seedl		RP: Raising of						ality	ality	(600								
ing		vegetable seedling						circy	circy	0								
****8		under poly tunnel								cost	28,20	19,20	3.1	300	6,60	3,600	2.2	
		structure (8x3x2) m								of	0	0	3	0	0	0,000	-:-	
		decrease the damage								stru								
		and disease								ctur								
		infestation.								e)								
Rice	Integer	FP: Spraying of			49	35	17			C)								
Ricc	ated	imidachlorpid 17.8 Sl			17	33	17											
	pest	4ml/10 lit of water.																
	•	RP: Keeping																
	manag ement	alleyways of 30 cm																
	ement	after 3 mt interval,																
										410	6860	2760	1.6	380	490	1100		
		alternate drying and															1.28	
		wetting and alternate								00	0	0	7	00	00	0		
		spraying of																
		Flonicamide 50 %																
		WG @ 0.3 g./lit with																
		Buprofezin 750																
		ml/ha at 10 days																
		interval																

Crop	Thema	Name of the	No.	Are	Yield (q/ha)		%	Other			omics of			*Economics of check				
	tic	technology	of	a			chang	param			nstratio			(Rs./ha)				
	area	demonstrated	Farm	(ha	Demo	Chec	e in	Dem	Chec	Gros	Gross	Net	**	Gros	Gro	Net	**	
			er)	ns	k	yield	0	k	S	Retur	Retur	BC	S	SS	Retur	BCR	
					ration					Cost	n	n	R	Cost	Ret	n		
Desirati	Interna	ED Commission of			272	220	1.7			000	2176	1206	2.4	060	urn	0640	2.12	
Brinj	Integra	FP: Spraying of			272	228	17			880	2176	1296	2.4	860	182	9640	2.12	
al	ted	infective fungicides								00	00	00	7	00	400	0		
	diseas	(Carbendizam 2.0																
	е	g./lit)																
	manag	RP: Removal of																
	ement	affected plants, soil																
		drenching of Copper																
		oxychloride 88 % WP																
		@ 2.5g/lit and																
		Streptocycline 1.0																
		gram/10 lit. of water																
		twice at 10 days																
Curau	Intoma	interval			91	72	26.38											
Cucu	Integra	FP: Spraying of			91	12	20.38											
mber	ted	chloropyriphos for																
	pest	8management of																
	manag	fruit fly in cucumber.								520	1274		2.4	480	100		2.10	
	ement	RP: Fruit fly trap @								00	00		5	00	800		2.10	
		25/ha in the time of																
		fruit setting will																
		reduce the male fruit																
		fly population.	<u> </u>					<u> </u>	<u> </u>	<u> </u>								

Crop	Thema	Name of the	No.	Are	Yield (q	Yield (q/ha)		Other		*Econ	omics of	;		*Economics of check				
1	tic	technology	of	a				chang parameters			nstration	ı (Rs./ha	1)	(Rs./ha)				
	area	demonstrated	Farm	(ha	Demo	Chec	e in	Dem	Chec	Gros	Gross	Net	**	Gros	Gro	Net	**	
			er)	ns	k	yield	0	k	S	Retur	Retur	BC	S	SS	Retur	BCR	
					ration					Cost	n	n	R	Cost	Ret	n		
															urn			
Grou	Integra	FP: Spraying of			17	14.5	71.4											
ndnu	ted	carbendizim 12 % +																
t	diseas	Mancozeb 64 % @ 2																
	e	gram/lit.																
	manag	RP: Seed treatment																
	ement	with Carboxin 37.5 %																
		+ Thiram 37.5 % @								365	6800	3150	1.8	340	580	2400	1.70	
		2.0 g/kg seed.								00	0	0	6	00	00	0		
		Alternate spraying of																
		Chlothalonil @ 1.5																
		g/lit and carbendizm																
		+ Mancozeb @ 2.0																
		gram/lit at 15 days																
D:	.	interval.	10	4	460	44.4	44.50			206	6460	2500	4.6	405	550	4505	4.40	
Rice	Integra	FP: Improper	10	1	46.2	41.4	11.59			396	6468	2500	1.6	407	579	1725	1.42	
	ted	management of								76	0	4	3	04	60	6		
	nutrie	nitrogenous fertilizer.																
	nt																	
	manag	RP: Application of																
	ement	nitrogenous																
		fertilizers in phases																
		as per LCC reading																

Crop	Thema	Name of the	No.	Are	Yield (q	/ha)	%	Other		*Econ	omics of	•		*Econ	omics (of check	
	tic	technology	of	a			chang	param	ieters	demo	nstration	ı (Rs./ha		(Rs./h	ıa)		
	area	demonstrated	Farm	(ha	Demo	Chec	e in	Dem	Chec	Gros	Gross	Net	**	Gros	Gro	Net	**
			er)	ns	k	yield	0	k	S	Retur	Retur	BC	S	SS	Retur	BCR
					ration					Cost	n	n	R	Cost	Ret	n	
															urn		
Jute	Integra	FP: Imbalanced	10	1	17.09	14.8	15.08			494	8545	3594	1.7	493	742	2494	1.50
	ted	fertilizer application.				5				09	0	1	2	02	50	8	
	nutrie	RP: Soil test based															
	nt	fertilizer application															
	manag	and soil application															
	ement	of Azotobacter and															
		PSB innocultaed in															
		FYM @ 3.0 Kg each /															
		100 kg FYM															
Gree	Manag	FP: No application of	10	1	5.14	4.12	24.75			105	2056	1004	1.9	104	164	6072	1.58
ngra	ement	lime / PMS.								12	0	8	5	08	80		
m	of	RP: Application of															
	proble	lime (0.2LR) at the															
	matic	time of final															
	soils	ploughing with FYM															
		@ 5 t/ha followed by															
		soil test based															
		fertilizer application.															
Grou	Integra	FP: No use of	10	1	17.72	14.6	21.03			369	7088	3394	1.9	358	585	2275	1.63
ndnu	ted	micronutrients.				4				37	0	3	1	07	60	3	
t	nutrie	RP: Soil test based															
	nt	zinc and boron															
	manag	micronutrient															
	ement	application															

Crop	Thema tic	Name of the technology	No. of	Are a	Yield (q	/ha)	% chang	Other param			omics of nstration		a)	*Econ (Rs./ł		of check	
	area	demonstrated	Farm	(ha	Demo	Chec	e in	Dem	Chec	Gros	Gross	Net	**	Gros	Gro	Net	**
			er)	ns	k	yield	0	k	S	Retur	Retur	BC	S	SS	Retur	BCR
					ration					Cost	n	n	R	Cost	Ret	n	
															urn		
Hone	Bee	FP: Lack of															
y bee	keepin	knowledge on be															
	g	keeping.															
		RP: Rearing of Apis															
		cerana indica with															
		proper management															
		.Bottom board															
		cleaning, feeding of															
		sugar solution at															
		weakly interval															
		during lean period,															
		New comb															
		construction,															
		Monthly															
		observations															

Crop	Thema tic	Name of the technology	No. of	Are a	Yield (q	/ha)	% chang	Other param	eters		omics of nstration		a)	*Econ (Rs./h		of check	33
	area	demonstrated	Farm er	(ha)	Demo ns ration	Chec k	e in yield	Dem o	Chec k	Gros s Cost	Gross Retur n	Net Retur n	** BC R	Gros s Cost	Gro ss Ret urn	Net Retur n	** BCR
Mush	Mushr oom cultiva tion	FP: Cultivation of paddy straw mushroom under normal shade in winter. RP: Cultivation of paddy straw mushroom under the poly house of (20X10 X9) feet size, 200 micron UV stabilized polythene with exhaust fan ventilation in winter by maintaining temperature			0.4 kg/be d	1.2 kg/b ed	200			80	180	100	2.2 5	50	60	10	1.2
Nutri tiona l gard en	Nutriti onal garden ing	FP: Home garden with seasonal vegetables. RP: Nutritional garden with protein, vitamin & iron rich vegetables, low cost poly tunnel for seedling raising, vermicompost unit, trelly for creeper, zero energy cool chamber.			31.2	24.2	29			158 00	4932 0	3352	3.6	162 50	437 40	2749	3.01

Crop	Thema	Name of the	No.	Are	Yield (q	/ha)	%	Other			omics of		_			of check	
	tic	technology	of	a			chang	param	ieters	demo	nstratior	<u>ı (Rs./ha</u>	1)	(Rs./h	<u>a)</u>		
	area	demonstrated	Farm	(ha	Demo	Chec	e in	Dem	Chec	Gros	Gross	Net	**	Gros	Gro	Net	**
			er)	ns	k	yield	0	k	S	Retur	Retur	BC	S	SS	Retur	BCR
					ration					Cost	n	n	R	Cost	Ret	n	
															urn		
Mari		FP: Cultivation of			69	60	15										
gold		local variety seasonal															
		marigold.															
		RP: Seedling															
		treatment with															
		Bavistin@2gm/lt,															
		recommended dose								105	3105	2055	2.9	980	270	1720	2.75
		of fertilizer								000	00	00	2.7	00	000	00	2.75
		32:32:32/acre NPK															
		with (45 X 30) cm															
		spacing Pinching of															
		apical shoots at 30															
		DAT, Need base IPM															
		practices															
		Total															

Livestock

		Name of		No.	Мај	or	%	Oth	er		*Econor	nics of		*Eo	conomic	s of chec	ck
	Themat	the	No. of	_	param	eters	change	param	eter	de	monstra	tion (Rs	.)		(Rs	s.)	
Category	ic	technology	Farm	of unit	Demo	Chec	in major	Demo	Chec	Gros	Gross	Net	**	Gros	Gross	Net	**
	area	demonstrat	er		ns	_	paramet	ns		S	Retur	Retur	ВС	S	Retur	Retur	BC
		ed		S	ration	k	er	ration	k	Cost	n	n	R	Cost	n	n	R
Dairy																	
Cow																	
Buffalo																	
Poultry																	
Rabbitry																	

	Themat	Name of the	No. of	No.	Maj param		% change	Oth param			*Econor	nics of tion (Rs	.)	*Eo	conomic: (Rs	s of chec	ck
Category	ic area	technology demonstrat ed	Farm er	of unit s	Demo ns ration	Chec k	in major paramet er	Demo ns ration	Chec k	Gros s Cost	Gross Retur n	Net Retur n	** BC R	Gros s Cost	Gross Retur n	Net Retur n	** BC R
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specif y)																	
Total																	

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

Tisheries		Name of		No.	Мај		%	Oth		,	*Econor		`	*Ec		s of chec	ck
Catagory	Themat	the	No. of Farm	of	param	eters	change	param	ieter I		monstra		.)	Gros	(Rs Gross		**
Category	ic area	technology demonstrat	er	unit	Demo ns	Chec	in major paramet	Demo ns	Chec	Gros s	Gross Retur	Net Retur	BC	S	Retur	Net Retur	BC
		ed	C1	S	ration	k	er	ration	k	Cost	n	n	R	Cost	n	n	R
Common carps																	
Mussels																	
Ornamen tal fishes																	
Others (pl.specif y)																	
		Total				I			I				I	I			

Other enterprises

Cataman	Name of the technology	No. of	No.o f	Maj param		% change	Otho param		der	*Econoi nonstrati Rs./i	ion (Rs.)	or		conomics (Rs.) or I	s of chec Rs./unit	k
Category	demonstrat ed	Farme r	unit s	Demon s ration	Chec k	in major paramet er	Demon s ration	Chec k	Gros s Cost	Gross Retur n	Net Retur n	** BC R	Gros s Cost	Gross Retur n	Net Retur n	** BC R
Oyster mushroom	Enterprise developmen t															
Button mushroom																
Vermicompo st																
Sericulture																
Apiculture				8	-				150 0	3200	1700	2.1 3				
Others (pl.specify)																
	Total															

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

Women empowerment

Catagory	Name of tachnology	No. of demonstrations	Observat	tions	Remarks
Category	Name of technology	No. of defiloristrations	Demonstration	Check	Remarks
Farm Women					
Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					
Infants					

^{*} 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

^{**} BCR= GROSS RETURN/GROSS COST

Farm implements and machinery

Name of	Cron	Name of the	No. of	Area	Filed obser (output/ma		% change in	Lab	or redu day	ction (m /s)	nan	reduction or Rs./U	,	na
the implement	Crop	technology demonstrated	Farmer	(ha)	Demons ration	Check	major parameter							

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

** BCR= GROSS RETURN/GROSS COST

Demonstration details on crop hybrids

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / r	najor pa	rameter		Economics	s (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										

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / n	najor pa	rameter	Economics	s (Rs./ha)	77
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

Extension and Training activities under FLD

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

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif 2018 and Rabi 2018-19:

A. Technical Parameters:

Sl.	Crop	Existing	Existing	Yield	d gap (K	g/ha)	Name of Variety	Numbe	Are	Yield	l obtair	ied	Yield	gap mini	imized
No.	demonstrat	(Farmer's)	yield		w.r.to		+ Technology	r of	a in	(q/ha)			(%)	
	ed	variety	(q/ha)	District	State	Potential	demonstrated	farmer	ha						
		name		yield	yield	yield (P)		S		Max.	Min.	Av.	D	S	P
				(D)	(S)										
1	Greengram	Local Mung	5.07	4250	4760	1200	Improved	125	50	6.4	4.9	5.6	31.76	17.64	53.33
							management								
							practices of								
							Greengram								
							Variety IPM 02-								
							3(F)@ 20 kg/ha,								
							Soil test based								
							fertilizer								
							application, seed								
							Inoculation with								
							20gm Rhizobium								
							/kg of seed , Line								
							sowing and need								
							based plant								

Sl. No.	Crop demonstrat	Existing (Farmer's)	Existing yield	Yield	d gap (K w.r.to	g/ha)	Name of Variety + Technology	Numbe r of	Are a in		d obtaiı (q/ha)	ned	Yield	gap mini (%)	imized
	ed	variety	(q/ha)	District	State	Potential	demonstrated	farmer	ha	·	. 17			()	
		name		yield (D)	yield (S)	yield (P)		S		Max.	Min.	Av.	D	S	P
							protection measures.								
2	Blackgram	Local Blackgram	5.06	4720	4550	1200	Improved management practices of Blackgram Variety PU-31(C) @ 20 kg/ha, Soil test based fertilizer application, seed Inoculation with 20gm Rhizobium /kg of seed, Line sowing and need based plant protection measures.	125	50	6.3	4.8	5.5	31.76	17.64	53.33

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot			Demonstration plot				
		Gross Cost Gross Net Return B:C (Rs/ha) return (Rs/ha) ratio			B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C Ratio
1	Improved management practices of Greengram Variety IPM 02-3(F)@ 20 kg/ha, Soil test based fertilizer application, seed	13200	19600	6400	1.48	12400	22400	10000	1.80

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
	Inoculation with 20gm Rhizobium /kg of seed, Line sowing and need based plant protection measures.								
2	Improved management practices of Blackgram Variety PU-31(C)IPM 02-3(F)@ 20 kg/ha, Soil test based fertilizer application, seed Inoculation with 20gm Rhizobium /kg of seed, Line sowing and need based plant protection measures.	13092	19200	6108	1.46	12600	22000	9400	1.74

C. Socio-economic impact parameters

Sl.	Crop and variety	Total	Produce	Selling	Produce	Produce	Purpose for	Employment
No.	Demonstrated	Produce	sold	Rate	used for	distributed	which	Generated
		Obtained	(Kg/house	(Rs/Kg)	own sowing	to other	income	(Mandays/hous
		(kg)	hold)		(Kg)	farmers (Kg)	gained was	e hold)
							utilized	
1	Improved management practices of Greengram Variety IPM 02-3(F)@ 20 kg/ha, Soil test based fertilizer application, seed Inoculation with 20gm Rhizobium /kg of seed, Line sowing and need based plant protection measures.	70000	264	4000	3000	34000	For day today need	4
2	Improved management practices of blackgram Variety PU-31(C)@ 20 kg/ha, Soil test based fertilizer application, seed Inoculation with 20gm Rhizobium /kg of seed, Line sowing and need based plant protection measures.	60000	256	4000	3000	34000	For day today need	4

D. Pulse Farmers' perception of the intervention demonstrated

Sl.	Technologies demonstrated			Farmers	' Perception param	neters	
No.	(with name)	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	Improved management practices of Greengram Variety IPM 02-3(F)@ 20 kg/ha, Soil test based fertilizer application, seed Inoculation with 20gm Rhizobium /kg of seed, Line sowing and need based plant protection measures.	Yes	Yes	Yes	Less market demand by trader	Yes	Establishment of processing unit for value addition and awareness about line sowing.
2	Improved management practices of blackgram Variety PU-31(C) @ 20 kg/ha, Soil test based fertilizer application, seed Inoculation with 20gm Rhizobium /kg of seed, Line sowing and need based plant protection measures.	Yes	Yes	Yes	Less market demand by trader	Yes	Establishment of processing unit for value addition and awareness about line sowing.

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis	Farmers Feedback
		Local Check	
Variety IPM 02-3©,70-72 days	Improved management practices of	Resistant toYMV,large seed,	Farmers are satisfied with the
duration. INM & IPM	Greengram with variety IPM 02-	Improved management practices of	variety and technology.
	3©enhance the avg.yield 5.6 Q/ha	Greengram with variety IPM 02-3 ©	
	during Rabi 2018-19.	enhance the yield 14.28 % over	
		farmer practices.	
Variety PU-31(C)70-72 days	Improved management practices of	Resistant to YMV, large seed,	Farmers are satisfied with the
duration. INM & IPM	Greengram with variety PU-31(C)	Improved management practices of	variety and technology.
	enhance the avg.yield 5.5 Q/ha	Greengram with variety PU-31(C)	
	during Rabi 2018-19.	enhance the yield 14.58 % over	

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

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
	Field Day at Hatabanapur	30.03.2019	75
	Field Day at Gajapitha	31.03.2019	75
	Field Day at Bhandilo	30.03.2019	75
	Field Day at Bibhutipada	31.03.2019	75

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





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



J. Details of budget utilization

Crop	Items	Budget	Budget	Balance
(provide crop wise		Received	Utilization	(Rs.)
information)		(Rs.)	(Rs.)	
Greengram	i) Critical input	403121.5	403121.5	Nil
	ii) TA/DA/POL etc. for monitoring	15000	15000	Nil
	iii) Extension Activities (Field day)	13987	13987	Nil
	iv)Publication of literature	11690	11691.5	Nil
	V)Miscellaneous	5000	5000	Nil
	Total	448800	448800	Nil

Crop	Items	Budget	Budget	Balance
(provide crop wise		Received	Utilization	(Rs.)
information)		(Rs.)	(Rs.)	
Blackgram	i) Critical input	403850.5	403850.5	Nil
	ii) TA/DA/POL etc. for monitoring	15000	15000	Nil
	iii) Extension Activities (Field day)	13987	13987	Nil
	iv)Publication of literature	12164	12162.5	Nil
	v)Miscellaneous	5000	5000	Nil
	Total	450000	450000	Nil

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

A) Farmers and farm women (on campus)

Thematic Area	No. of				No. of F	Participa	ints				Grand	Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	Т	M	F	Т
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	01	09	01	10	02	03	05	-	-	-	11	04	15
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising	01	07	02	09	03	03	06	-	-	-	10	05	15
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade													
Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													

Thematic Area	No. of				No. of I	Participa	ants				Grand	Total	54
	Courses		Other			SC			ST				
		M	F	T	M	F	Т	M	F	Т	M	F	T
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)													
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													

Thematic Area	No. of				No. of I	Participa	ants				Grand	Total	55
	Courses		Other			SC			ST				
	1	M	F	T	M	F	T	M	F	T	M	F	T
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	01	18	04	22	02	01	03	-	-	-	20	05	25
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	01		19	19		06	06				-	25	25
efficiency diet	01	-	19	19	_	06	06	_	_	_			
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition	01	-	12	12	-	13	13	-	-	-	-	25	25
Income generation activities for empowerment	01	15	03	18	01	01	02				16	04	20
of rural Women	01	15	03	18	UI	01	UZ						
Location specific drudgery reduction													
technologies					<u> </u>							<u></u>	
Rural Crafts													
Capacity building													

Thematic Area	No. of				No. of I	Participa	ants				Grand	Total	30
	Courses		Other			SC			ST				
		M	F	T	M	F	Т	M	F	Т	M	F	T
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	01	13	01	14	04	02	06	-	-	-	17	03	20
Integrated Disease Management	01	21	-	21	04	-	04	-	-	-	25	-	25
Bio-control of pests and diseases													
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	01	17	05	22	02	01	03			_	19	06	25
pond, like nursery, rearing & stocking pond	01	17	05	22	02	01	03	-	-	_	19	00	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													

Thematic Area	No. of				No. of I	Participa	ints				Grand	Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	Т
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	01	19	02	21	02	02	04				21	04	25
farmers/youths	01	19	02	21	02	02	04	_	-	-	21	04	
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL													

B) Rural Youth (on campus)

Thematic Area	No. of				No. of l	Participa	ants				Grand	Total	36
	Courses		Other			SC			ST				
		M	F	T	M	F	Т	M	F	T	M	F	T
Mushroom Production													
Bee-keeping	01	12	-	12	03	-	03	-	-	-	15	-	15
Integrated farming	01	13	-	13	02	-	-	-	-	-	15	-	15
Seed production	01	12	-	12	02	-	02	01	-	01	15	-	15
Production of organic inputs	01	13	-	13	01	01	02	-	-	-	15	-	15
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops	01	10	02	12	01	02	03	-	-	-	11	04	15
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
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													
Enterprise development	01	-	14	14	-	01	01	-	-	-	-	15	15
Para vets													
Para extension workers													

Thematic Area	No. of				No. of l	Participa	ants				Grand	Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
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													
Tailoring and Stitching													
Rural Crafts													
TOTAL	06	61	16	77	09	03	12	01	-	01	71	19	90

C) Extension Personnel (on campus)

Thematic Area	No. of				No. of I	Participa	ints				Grand'	Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	01	08	04	12	02	01	03	-	-	-	10	5	15
Value addition													
Integrated Pest Management	01	10	01	11	02	02	04	-	-	-	12	03	15
Integrated Nutrient management													
Rejuvenation of old orchards	01	04	01		-	-	-	-	-	-			15
Protected cultivation technology	01	09	03	12	02	01	03	-	-	-	11	04	15
Formation and Management of SHGs	01	-	09	09	-	01	01	-	-	-	-	10	10
Group Dynamics and farmers organization													
Information networking among farmers													

Thematic Area	No. of				No. of I	Participa	ints				Grand '	Γotal	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	Т
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	01	14	-	14	01	-	01	-	-	-	15	-	15
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
TOTAL	06	45	28		07	05	12	-	-	-	52	33	85

D) Farmers and farm women (off campus)

Thematic Area	No. of				No. of l	Participa	ints				Grand	Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	Т	M	F	T
I. Crop Production													
Weed Management	01	16	06	22	02	01	03	-	-	-	18	07	25
Resource Conservation Technologies													
Cropping Systems	01	20	-	20	03	02	05	-	-	-	23	02	25
Crop Diversification													
Integrated Farming	01	21	01	22	01	02	03	-	-	-	22	03	25
Water management	01	19	03	22	01	02	03	-	-	-	20	05	25
Seed production													
Nursery management													
Integrated Crop Management	01	20	05	25	-	-	=	-	-	-	20	05	25
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													

Thematic Area	No. of				No. of l	Participa	ants				Grand	Total	01
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	Т
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops	01	18	04	22	02	01	03		-	-	20	05	25
Off-season vegetables	01	20	01	21	01	03	04		-	-	17	08	25
Nursery raising	01	24	-	24	01	-	01		-	-	19	06	25
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	01	15	05	20	02	03	05	-	-	-	17	08	25
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	01	18	03	21	02	02	04	-	-	-	20	05	25
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management	01	13	06	19	04	02	06	-	-	-	17	08	25
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology	01	18	05	23	01	01	02	-	-	-	19	06	25
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													

Thematic Area	No. of				No. of I	Participa	ants				Grand	Total	02
	Courses		Other			SC			ST				
	1	M	F	T	M	F	T	M	F	T	M	F	T
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	01	17	07	24	-	01	01	-	-	-	17	08	25
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management	01	20	02	22	01	01	02	-	01	01	21	04	25
Soil and Water Conservation	01	20	03	23	01	01	02	-	-	-	21	04	25
Integrated Nutrient Management	02	41	05	46	01	01	02	01	01	02	43	07	50
Production and use of organic inputs	02	43	05	48	01	01	02	-	-	-	44	06	50
Management of Problematic soils	02	40	07	47	01	01	02	01	-	01	42	08	50
Micro nutrient deficiency in crops	02	42	07	49	-	-	-	-	01	01	42	08	50
Nutrient Use Efficiency	01	23	02	25	-	-	-	-	-	-	23	02	25
Soil and Water Testing	01	24	01	25	-	-	-	-	-	-	24	01	25
Others, if any													
IV. Livestock Production and Management													
Dairy Management	01	13	09	22	01	01	02	01	-	01	15	10	25
Poultry Management	01	18	05	23	-	02	02	-	-	-	18	07	25
Piggery Management													
Rabbit Management													
Disease Management	01	14	08	22	02	01	03	-	-	-	16	09	25
Feed management	01	12	08	20	03	02	05	_	-	-	15	10	25
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	02	-	25	25	-	-	-	-	-	-	-	25	25
Design and development of low/minimum cost	+												+
besign and development of low/minimum cost				L				ļ			<u> </u>	<u> </u>	

Thematic Area	No. of				No. of I	Participa	ants				Grand	Total	03
	Courses		Other			SC			ST				
	1	M	F	Т	М	F	T	М	F	T	M	F	Т
diet													1
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	02	-	17	17	-	08	08	-	-	-	-	25	25
Enterprise development	01	-	17	17	-	08	08	-	-	-	-	25	25
Value addition	02	-	38	38	-	12	12				-	50	50
Income generation activities for empowerment of rural Women	03	-	59	59	-	14	14	-	02	02	-	75	75
Location specific drudgery reduction technologies	01	-	19	19	-	06	06	=	-	-	-	25	25
Rural Crafts	01	-	25	25	-	-	-	-	-	-	-	25	25
Capacity building													
Women and child care													1
Others, if any													1
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	02	31	10	41	04	04	08	-	01	01	36	14	50
Integrated Disease Management	02	36	05	41	04	05	09	_	-	-	40	10	50
Bio-control of pests and diseases	02	38	05	43	02	04	06	01	-	01	41	09	50
Production of bio control agents and bio pesticides	02	39	01	40	09	01	10	-	-	-	48	02	50
Others, if any													1
VIII. Fisheries													

Thematic Area	No. of				No. of I	Participa	ants				Grand	Total	04
	Courses		Other			SC			ST				
		M	F	Т	M	F	Т	M	F	Т	M	F	T
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease	01	20	02	22	01	02	03	-	-	-	21	04	25
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													

Thematic Area	No. of				No. of l	Participa	ants				Grand'	Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	Т
Mobilization of social capital													
Entrepreneurial development of													
farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL													

E) RURAL YOUTH (Off Campus)

Thematic Area	No. of			N	lo. of Pa	rticipa	nts				Grand T	otal	
	Courses		Other			SC			ST				
		M	F	Т	M	F	T	M	F	Т	M	F	T
Mushroom Production													
Bee-keeping													
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													
Nursery Management of Horticulture													
crops													
Training and pruning of orchards													

Thematic Area	No. of			N	lo. of Pa	rticipa	nts				Grand T	otal	00
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
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													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any				_									
TOTAL													

F) Extension Personnel (Off Campus)

Thematic Area	No. of			N	o. of Pa	rticipa	nts				Grand To	otal	
	Courses	Other M F T				SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													

Thematic Area	No. of			N	lo. of Pa	rticipa	nts				Grand T	otal	- 07
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	Т	M	F	T
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													
TOTAL													

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of			N	lo. of Pa	rticipan	ts				Grand	Total	
	Cour		Other			SC			ST				
	ses	M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	01	16	06	22	02	01	03	-	-	-	18	07	25

Thematic Area	No. of			ľ	lo. of Pa	rticipan	ts				Grand	Total	00
	Cour		Other			SC			ST				
	ses	M	F	Т	M	F	T	M	F	Т	M	F	Т
Resource Conservation Technologies													
Cropping Systems	01	20	-	20	03	02	05	-	-	-	23	02	25
Crop Diversification													
Integrated Farming	01	21	01	22	01	02	03	-	-	-	22	03	25
Water management	01	19	03	22	01	02	03	-	-	-	20	05	25
Seed production													
Nursery management													
Integrated Crop Management	01	20	05	25	-	-	-	-	-	-	20	05	25
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development	01	09	01	10	02	03	05	-	-	-	11	04	15
Yield increment													
Production of low volume and high value	01	18	04	22	02	01	03		_		20	05	25
crops		10	04	22	02	01	03		-	-	20	05	
Off-season vegetables	01	20	01	21	01	03	04		-	-	17	08	25
Nursery raising	02	31	02	33	04	03	07				29	11	40
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade													
Net etc.)													
Others, if any (Cultivation of Vegetable)													
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards	01	15	05	20	02	03	05	-	-	-	17	08	25
Cultivation of Fruit													

Thematic Area	No. of			N	lo. of Pa	rticipan	ts				Grand	l Total	69
	Cour		Other			SC			ST				
	ses	M	F	T	M	F	T	M	F	Т	M	F	T
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	01	18	03	21	02	02	04	-	-	-	20	05	25
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management	01	13	06	19	04	02	06	-	-	-	17	08	25
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	01	18	05	23	01	01	02	-	-	-	19	06	25
Processing and value addition													
Others, if any													
TOTAL													
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	01	17	07	24	-	01	01	-	-	-	17	08	25
Production and management technology													
Post harvest technology and value addition													
Others, if any													

Thematic Area	No. of			N	o. of Pai	rticipant	ts				Grand	Total	70
	Cour		Other			SC			ST				
	ses	M	F	T	M	F	T	M	F	T	M	F	T
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management	1	20	2	22	1	1	2				21	4	25
Soil and Water Conservation	1	20	3	23	1	1	2				21	4	25
Integrated Nutrient Management	2	41	5	46	1	1	2				43	7	50
Production and use of organic inputs	2	43	5	48	1	1	2				44	6	50
Management of Problematic soils	2	40	7	47	1	1	2				42	8	50
Micro nutrient deficiency in crops	2	42	7	49	0	0	0	0	1	1	42	8	50
Nutrient Use Efficiency	1	23	2	25							23	2	25
Soil and Water Testing	1	24	1	25							24	1	25
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management	01	13	09	22	01	01	02	01	-	01	15	10	25
Poultry Management	02	36	09	43	02	03	05	ı	-	-	38	12	50
Piggery Management													
Rabbit Management													
Disease Management	01	14	08	22	02	01	03	ı	-	-	16	09	25
Feed management	01	12	08	20	03	02	05	-	-	-	15	10	25
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen	01		25	25								25	25
gardening and nutrition gardening	01	-	25	25	-	-	-	-	-	-	-	25	25
Design and development of low/minimum	01		19	19		06	06				-	25	25
cost diet	01	-	19	19	-	06	06	-	-	-			
Designing and development for high nutrient													
efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	02	-	17	17	-	08	80	Ī	-	-	-	25	25
Enterprise development	01	-	17	17	-	08	80	Ī	-		-	25	25
Value addition	3	0	50	50	0	25	25				0	75	75

Thematic Area	No. of No. of Participants											Grand Total			
	Cour	Other			SC			ST							
	ses	M	F	T	M	F	T	M	F	T	M	F	T		
Income generation activities for		15													
empowerment of rural Women	4		62	77	1	15	16				0	79	95		
Location specific drudgery reduction															
technologies	1	0	19	19		6	6				0	25	25		
Rural Crafts	1	0	25	25	0	0	0				0	25	25		
Capacity building															
Women and child care															
Others, if any															
TOTAL															
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															
TOTAL															
VII. Plant Protection															
Integrated Pest Management	3	44	11	55	8	6	14				53	17	70		
Integrated Disease Management	3	57	5	62	8	5	13				65	10	75		
Bio-control of pests and diseases	2	38	5	43	2	4	6				41	9	50		
Production of bio control agents and bio															
pesticides	2	39	1	40	9	1	10				48	2	50		
Others, if any															
TOTAL												_			
VIII. Fisheries															
Integrated fish farming															
Carp breeding and hatchery management												_			
Carp fry and fingerling rearing															
Composite fish culture & fish disease	1	20	2	22	1	2	3				21	4	25		
Fish feed preparation & its application to fish	1	17	5	22	2	1	3				19	6	25		

Thematic Area	No. of	No. of Participants											12
	Cour	Other			SC			ST			7		
	ses	M	F	T	M	F	T	M	F	T	M	F	Т
pond, like nursery, rearing & stocking pond													
Hatchery management and culture of													
freshwater prawn													l
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													1
TOTAL													
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													1
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													1
TOTAL													1
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of													
farmers/youths	1	19	2	21	2	2	4				21	4	25

Thematic Area	No. of	•								Grand	Total		
	Cour		Other			SC			ST				
	ses	M	F	T	M	F	Т	M	F	T	M	F	T
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)		•											
TOTAL		•								·			

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of				No. o	f Partici	pants				Grand 7	Total	
	Courses		Other	1		SC			ST				
	1	M	F	T	M	F	Т	M	F	T	M	F	T
Mushroom Production													
Bee-keeping		01	12	-	12	03	-	03	-	-	-	15	-
Integrated farming		01	13	-	13	02	-	-	-	-	-	15	-
Seed production		01	12	-	12	02	-	02	01	-	01	15	-
Production of organic inputs		01	13	-	13	01	01	02	-	-	-	15	-
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production		01	10	02	12	01	02	03	-	-	-	11	04
Repair and maintenance of farm machinery and implements													
Nursery Management of													

Thematic Area	No. of				No. o	f Partici	pants				Grand T	'otal	/ 1
	Courses		Other	1		SC			ST				
]	M	F	T	M	F	T	M	F	T	M	F	T
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		01	-	14	14		01	01	-	-	-	-	15
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													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT													
application in agriculture)													
TOTAL		06	61	16	77	09	03	12	01	-	01	71	19

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of				No. o	f Partici	pants				Grand T	otal	/5
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	01	08	04	12	02	01	03	-	-	-	10	5	15
Integrated Pest Management													
Integrated Nutrient management	01	10	01	11	02	02	04	-	-	-	12	03	15
Rejuvenation of old orchards													
Value addition	01	04	01	05	-	-	-	-	-	-			15
Protected cultivation technology	01	09	03	12	02	01	03	-	-	-	11	04	15
Formation and Management of SHGs	01	-	09	09	-	01	01	-	-	-	-	10	10
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	01	14	-	14	01	-	01	-	-	-	15	-	15
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													

												70
Production and use of organic inputs												
Gender mainstreaming through SHGs												
Crop intensification												
Others if any												
TOTAL	06	45	28	07	05	12	-	-	-	52	33	85

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

Discipline	Clientel	e	Title of the training	Duration in days	Venue (Off / On	Num	ber of partic	pants	Nı	imber of SC	/ST
			programme	days	Campus)	Male	Female	Total	Male	Female	Total
Crop production	F & FW	_	Integrated nutrient management in pulses		off	13	12	25	-	-	-
Crop production	RY		IFS models for increasing farm income		on	15	-	15	3	-	3
Crop production	IS	_	Crop residue management		on	08	07	15	3	2	5
Horticulture	F & FW		Cultivation of high value crops		off	20	05	25	2	1	3
Horticulture	F & FW	practice	Improved package of practice of Okra for higher yield.		off	20	05	25	2	2	4
Horticulture	F & FW	and abio	Cultivation of biotic and abiotic resistant vegetable crop cultivars & its		off	19	06	25	1	1	2
Horticulture	F & FW	seedling walk in p	Raising vegetable seedling under low cost walk in poly tunnel structure.		off	17	08	25	0	1	1
Horticulture	F & FW	Cultivation of high value crops		01	off	21	04	25	1	1	2
Horticulture	F & FW		Importance and benefits of plantation		off	23	02	25	0	1	1

								1		
		of Cashew in river beds for climate resilient horticulture.								
Horticulture	RY	Commercial farming of ornamentals (Marigold, gladiolus, tuberose, Lillium& Gerbera)	02	on	11	04	15	2	3	5
Horticulture	RY	Grading, packaging & Marketing of Fruits, vegetables.	02	on	11	4	15	2	3	5
Horticulture	Vocational	Hi-tech horticultural nursery management practices.	03	on	24	01	25	1	1	2
Soil Health and Fertility Management	F & FW	Nitrogen management through LCC in rice	01	off	21	04	25	1	1	2
Soil Health and Fertility Management	F & FW	INM in jute	01	off	15	10	25	1	1	2
Soil Health and Fertility Management	F & FW	Micronutrient zinc and boron in groundnut	01	off	22	03	25	02	03	05
Soil Health and Fertility Management	F & FW	Amendment of acid soil in green gram	01	off	16	09	25	01	01	02
Soil Health and Fertility Management	F & FW	Organic waste recycling for production of vermicompost	01	off	24	01	25	02	01	03
Soil Health and Fertility Management	F & FW	Biofertiliser application in vegetable crops	01	off	15	10	25	3	2	5

7	O
/	റ

										/8
Soil Health and Fertility Management	F & FW	Role of biofertiliser for sustainable agriculture	01	off	23	02	25	1	1	2
Soil Health and Fertility Management	F & FW	INM practice in tomato	01	off	17	08	25	2	1	3
Soil Health and Fertility Management	F & FW	INM practice on blackgram	01	off	21	4	25	1	2	3
Soil Health and Fertility Management	RY	Methods of soil sample collection and testing through soil testing kit.	01	on	10	05	15	1	2	3
Soil Health and Fertility Management	RY	Methods of soil sample collection and testing through soil testing kit	01	on	12	03	15	2	1	3
Soil Health and Fertility Management	Vocational	Production technology of biofertilizer	01	on	7	3	10	1	0	1
Home Science	FW	Mushroom cultivation to increase family income.	01	off	0	25	25	0	03	03
Home Science	FW	Preparation of fish feed from locally available ingredients.	01	off	0	25	25	0	02	02
Home Science	FW	Use of organic fertilizer in nutritional garden	01	off	0	25	25	0	2	2
Home Science	FW	Use of agricultural implements for reducing drudgery	01	off	0	25	25	0	3	3
Home Science	FW	Preparation of mushroom pickle	01	off	0	25	25	0	2	2
Home Science	FW	Production of	01	off	0	25	25	0	1	1

	T	T			1 1		1	1	1	, , ,
		vermicompost from different substrates								
Home Science	FW	Bee keeping for income generation	01	off	0	25	25	0	1	1
Home Science	FW	Vermicompost – an income generation activity for women SHG.	01	off	0	25	25	0	1	1
Home Science	FW	Scientific storage of food grain.	01	off	0	25	25	0	2	2
Home Science	RY	Mushroom and spawn production technique	01	on	0	15	15	0	1	1
Home Science	Vocational	Bee keeping	01	on	0	10	10	0	1	1
Home Science	IS	Menu planning for pregnant and lactating women	01	on	0	10	10	0	2	2
Plant Protection	F & FW	Importance and method of seed treatment	01	off	21	4	25	1	1	2
Plant Protection	F & FW	IDM measures for management of wilting in brinjal	01	off	22	3	25	1	0	1
Plant Protection	F & FW	Sheath blight management in rice	01	off	21	4	25	1	0	1
Plant Protection	F & FW	IPM measures for management of BPH/WBPH in rice	01	off	22	3	25	1	0	1
Plant Protection	F & FW	Sucking pest management in chilli	01	off	16	9	25	1	1	2
Plant Protection	F & FW	Management of fungal disease in ground nut	01	off	15	10	25	2	1	3
Plant Protection	F & FW	IPM measures for management of sucking pest in chilli	01	off	17	8	25	1	1	2
Plant Protection	F & FW	IPM measures for management powdery mildew in pulses	01	off	21	4	25	1	1	2
Plant Protection	RY	Use of traps for pest	01	off	17	8	25	3	2	5

7										
		control								
Plant Protection	IS	IPM measures for management of major pest in rice	01	off	19	6	25	2	1	3
Livestock Production and Management	F & FW	Control of mastitis in animals	01	off	21	4	25	2	2	4
Livestock Production and Management	F & FW	First aid treatments for animals	01	off	19	6	25	1	2	3
Livestock Production and Management	F & FW	Fodder preservation techniques	01	off	24	1	25	1	0	1
Livestock Production and Management	F & FW	Oestrous synchronization and artificial insemination in goats	01	off	16	9	25	2	1	3
Livestock Production and Management	F & FW	Livestock Farm Waste Utilization	1	off	15	10	25	3	2	5

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Cron /	Identified	Training	Duration	No	. of Participai	nts	Self	f employed af	er training	Number of persons employed else where
Crop / Enterprise	Thrust Area	Training title*	Duration (days)	Male	Female	Total	Type of units	Number of units	Number of persons employed	

^{*}training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

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

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

				Farmer	'S	Ex	tension Offic	ials		Total	
Nature of Extension Activity	No. of activities	М	F	Т	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day											
KisanMela											
KisanGhosthi											
Exhibition											
Film Show											
Method Demonstrations											
Farmers Seminar											
Workshop											
Group meetings											
Lectures delivered as											
resource persons											
Advisory Services											
Scientific visit to farmers											
field											
Farmers visit to KVK											
Diagnostic visits											
Exposure visits											
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp											
Agri mobile clinic											
Soil test campaigns											

Farm Science Club Conveners meet						
Self Help Group Conveners meetings						
Mahila Mandals Conveners meetings						
Celebration of important days (specify)						
Sankalp Se Siddhi						
Swatchta Hi Sewa						
Mahila Kisan Divas						
Any Other (Specify)						
Total			<u> </u>		·	

B. Other Extension activities

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

3.5 a. Production and supply of Technological products

Village seed

Crop	Variety	Quantity of seed (q)	Value (Rs)	No. of farmers involved in village seed production	Number of farmer to whom seed provi			
					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
Rice	Pooja	130 (After processing)					
Grand Total		130 (After processing)					

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value	to who	Number of farmers to whom planting material provided					
			(Rs)	SC	ST	Other	Total			
Vegetable seedlings										
Cauliflower	Megha	1345	1345							
Cabbage	NS-35	470	470							
Tomato	Surkshya	730	730							
Brinjal	Akshita	410	410							
Chilli	Sansani	720	720							
Papaya	Pusa Nanha	43	860							
Capsicum	NS-292	540	540							
Amaranthus		92 bundles	920							
Total										

Production of Bio-Products

Name of product	Quantity	Value (Rs.)	No. of Farmers benefitted			
	Kg					
			SC	ST	Other	Total
Bio-fertilizers						
Bio-pesticide						
Bio-fungicide						
Bio-agents						
Total						

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					ļ		ļ		
Cows									
Buffaloes									
Calves									
Others (Pl. specify)									
Small ruminants									
Sheep									
Goat									
Other, please specify									
Poultry									
Broilers									
Layers									
Duals (broiler and layer)									
Japanese Quail									
Turkey									
Emu									
Ducks									
Others (Pl. specify)									
Piggery									
Piglet									
Hog									
Others (Pl. specify)									
Fisheries									
Indian carp									
Exotic carp									
Mixed carp									
Fish fingerlings									
Spawn									
Others (Pl. specify)									
Grand Total									

3.5. b. Seed Hub Programme - "Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India" i) Name of Seed Hub Centre:

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)							
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)				
Kharif 2018										
Rabi 2018-19										
Summer/Spring 2019										

iii) Financial Progress

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

Item	Progress
Seed processing unit	
Seed storage structure	

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

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

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.					
2.					
3.					
4.					
5.					
6.					
7.					

3.7. Suc	ccess stories/Case studies, if a	ny (two or t	hree pages write	e-up on 1-2 bes	t case(s	s) with suita	able action photog	graphs)
Name of fa	Name of farmer							
Address								
Contact de	etails (Phone, mobile, email Id)							
Landholdii	ng (in ha.)							
Name and	description of the farm/ enter	prise						
Economic	impact							
Social impa	act							
Environme	ental impact							
Horizontal	l/ Vertical spread							
3.8. Giv	ve details of innovative method	lology or in	novative techno	logy of Transfe	r of Tec	hnology de	veloped and used	l during the year
Sl. No.	Name/ Title of the technology Name/ Detail Innovator(s)			ails of the	Brief d	etails of the	e Innovative Tech	nology
dev	Give details of indigenous to velopment (in detail with suita	O 1	aphs)	e farmers in t	he KVK			an be considered for technology
Sl. No.	Crop / Enterprise		ITK Practiced		Purpose of ITK			
h (Give details of organic farming	nracticed h	y the farmer					
Sl. No.	Crop / Enterprise)/ No. covered	Production		No. of far	mers involved	Market available (Y/N)
3.10. Inc	dicate the specific training need	d analysis to	ools/methodolog	y followed by	KVKs			
Sl. No.	area of the specime training new		Brief details of th			followed	Purpose for wh	nich the tool was followed
		111	1717					
3.1 Sl. No	3.11. a. Details of equipment available in Soil and Water Test Sl. No Name of the Equipment				<u>, </u>)ty
51. 110	PH meter,EC meter, Spectophotometer,					Qty.		լւy. Leach
	Flame phototomer, Distillation unit and others						_	
	Mridaparikshyak					1		
	Mini Soil testing lab kit							1

Number of soil samples analyzed					No. of Farmers	5	No. of Villag	ges	Amount realize (in Rs.)	d
Through n	nini soil testing	Through s	oil testing	Total					,	
ki	t/labs	labor	atory							
	95		114	209	548		12			
	ails on World Soil									
Sl. No.	Activity	No. of Pa	articipants	No. of VIPs	Name (s) of VIP(s)	Numbe	er of Soil Heal	th Cards distribute	ed No. of fa benefi	
1	World Soil Day		200	3	Collector and District Magistrate, MLA, Zilla parishad president		15	50	150)
	ties of rain water	harvesting s						T		
No of training programme		No of demonstrations		No of plant mate	No of plant material produced Visit by		Visit by the farm	ers Visit by official		
313 Techr	nology week celeb	ration								
Type of act		No. of a	ctivities	Numbe	r of participants		Related crop	o/livestock techno	logy	
3 14 RAWI	E/ FET programm	e - is KVK in	volved? (Y/	N)						
No of stude		e is it vit ii	ivorveu. (17			No	of days staye	ed		
ARS traine	es trained							No of days staye	d	
	f VIP visitors (Min				ati/Other Head of Orga					
Date Name of the person						urpose of visit				
05.12.2018 Sj. Kishore Chandra Tarai, M				Ce	elebration of \	World Soil Day				
Sj. Manas Parida, Zilla Parishad S										
			,	ndhu Dhal, Chai						
					lector cum District					
01.00.2010	1	Magistrate, Kendrapara								
01.08.2018	5	Prof. Surendranath Pasupalak, Hon'ble VC, OUAT								

4	INDACT
4.	IMPACT

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

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

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

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies				
Technology		Horizontal spread		

Give information in the same format as in case studies

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

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

4.4. Details of innovations recorded by the KVK

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

4.5. Details of entrepreneurship development

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

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
DEPARTMENT OF HORTICULTURE, KENDRAPARA	Quality Planting material and convergence.
CTCRI, BBSR	Quality planting Materials and technical support
CHES, BBSR	Quality Planting Material and convergence
AICRP ON MAP & BV, OUAT, BBSR	Quality planting Materials and technical support
AICRP ON BIOTECHNOLOGY & TISSUE CULTURE, OUAT, BBSR	Quality planting Materials and technical support
NHRDF, NASIK	Quality planting Materials (Seeds)
IIHR, BENGALURU	Quality planting Materials and technical support

5.2. List of special programmes undertaken during 2018-19 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)

Cl. N	Name of demo Year of		A (0)	Details of production			Amoun	Domarka	
Sl. No.	Unit	estt.	Area(Sq.mt)	Variety/breed	Produce	Qty.	Cost of inputs	Gross income	Remarks
1.									
	Total								

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of		Det	ails of production	n	Amou	nt (Rs.)	Domonica
		harvest	Ar (h	Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	Remarks

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

Sl.	V 6.1 P 1	0. (11.)	Amou	nt (Rs.)	5 1
No.	Name of the Product	Qty. (Kg)	Remarks		
1.					

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

Sl.	Name	De	Details of production			mount (Rs.)	
No	of the animal / bird / aquatics	Breed	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks
1.							
2.							
3.							

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

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
December (18.12.2018)	16	1	
December (19.12.2018)	15	6	
January (28.01.2019)	9	1	
January (29.01.2019)	23	1	
January (30.01.2019)	9	1	
March (25.03.2019)	15	6	
Total:	31	7	

(For whole of the year)

6.5. Utilization of staff quarters

Whether staff quarters has been completed:

No. of staff quarters:6

Date of completion:2008

Occupancy details:

Months	QI	QII	Q III	QIV	QV	QVI
Jan-Dec 2019	Occupied	Occupied	Occupied	Occupied	Occupied	Occupied

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
SS&H, KVK, Kendrapara	SBI, Kendrapara	00112,Medical Road Madhihala, Kendrapara	11387961417
SS&H, KVK, Kendrapara			30878179008
SS&H, KVK, Kendrapara			32421924619

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

	Release	ed by ICAR	Expe	nditure	
Item	Kharif	Rabi	Kharif	Rabi	Unspent balance as on -

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

	Released	l by ICAR	Exper	nditure	Unanont balanca as	
Item	Kharif	Rabi	Kharif	Rabi	Unspent balance as on 1st April 2013	
CFLD Pulse		958800		923800	34994	

7.4. Utilization of KVK funds during the year 2018-19 (Not audited)

7.4.	Othization of KVK funds during the year 2010-19 (Not addited)					
Sl. No.	Particulars	Sanctioned	Released	Expenditure		
A. Recu	urring Contingencies					
1	Pay & Allowances	9550000				
2	Traveling allowances	70000	70000	70000		
3	Contingencies					
\boldsymbol{A}						
В		1100000	1098800	1098800		
	TOTAL (A)					
B. Non	-Recurring Contingencies					
1	Tractor	700000	700000	700000		
С	Repair and maintenance of office building	1137000	1137000	1137000		
	TOTAL (B)					
C. REV	C. REVOLVING FUND					
	GRAND TOTAL (A+B+C)					
		1	1	L		

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 1 st April of each year (Kind + cash)
2015-16	260269	664419	427088	252400
2016-17	252400	955138	888393	319145
2017-18	319145	526585	630969	214761
2018-19	214761	182343	173978	223126 *136000(OSSC)

- 7.6. (i) Number of SHGs formed by KVKs
 - (ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
 - (iii) Details of marketing channels created for the SHGs
- 7.7. Joint activity carried out with line departments and ATMA

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

8. Other information

8.1. Prevalent diseases in Crops

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

8.2. Prevalent diseases in Livestock/Fishery

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

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop	22	40236
Livestock	8	
Fishery	4	
Weather	5	
Marketing	-	

Awareness	5	
Training information		
Other	4	
Total	48	

9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	
3.	Mobile Apps developed by KVK	nil
4.	Name of the App	-
5.	Language of the App	-
6.	Meant for crop/ livestock/ fishery/ others	-
7.	No. of times downloaded	-

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office		
2. Basic maintenance		
3. Sanitation and SBM		
4. Cleaning and beautification of surrounding areas		
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste		
6. Used water for agriculture/horticulture application		
7. Swachhta Awareness at local level		
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner		

Activities					Numbe	r		Ex	pendit	ure (in Rs.)	
11. Foster h	ealthy compe	tition										
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 VI	P/VVIPs invol	ved in the acti	vities									
16. Any othe	er specific acti	vity (in details	s)									
Total												
9.6. Observa		ıal Science day	7		•							
	Date of	f Observation					Activi	ties undert	aken			
		-						-				
9.7. Progran		na Suraksha B	al/BSF	T ==								
	Title of Pro	ogramme			Date	No. of participants						
	-				-				-			
		ge in rural sch		C. Callera and a	-1	Α	1		T	1		
Name and a	ddress of scho	001	Date of	f visit to scho	001	Areas cove	rea -		Teac	hing aid	is usea	
		1-2 photograp ampaign' Progi										
Date of programm	No. of Union	No. of Hon'ble	No. of State			Participar	nts (No.)				Coverag e by	Coverage by other
e	Ministers attended the	MPs (Loksabha/ Rajyasabha	Govt. Minister s	MLAs Attended the	Chairman ZilaPanchaya t	Distt. Collector / DM	Bank Official s	Farmer s	Govt. Officials, PRI	Tota l	Door Darshan (Yes/No	channels (Number

member

s etc.

programm e

programm

participate d 9.10. 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)
İ	1	Celebration of Swachhta Hi Sewa	8	250	10	Govt. officials

9.11. Details of Mahila Kisan Divas programme organized

Sl.	Activity	No. of villages	No. of	No. of VIPs	Name (s) of VIP(s)
No.		Involved	Participants		
1	Celebration of Mahili Kissan Diwas	5	50	-	-

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

Sl.	Name of Farmer	Address of the farmer with	Innovation/ Leading in enterprise
No.		contact no.	
1	Nursingha Samal	Chhatar, Mahakalpara 9938848243	Organic farming
2	Rajanikanta Dash	Ender, Derabish 9040227439	IFS
3	Babaji Kap	Napanga, Pattmundai 7381843091	IFS
4	4 Mrs Gitanjali Nayak		IFS

9.13. Revenue generation

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

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK

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

9.16. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK

- 10. Report on Cereal Systems Initiative for South Asia (CSISA)
 - a) Year:

b) Introduction / General Information:

b) incroduction?	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						1 0 1
Experiment 2						
Experiment 3						
Others (If any)						

11. Details of TSP

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 2017-18 (Rs. In lakh):
- c. Achievements of physical outcome under TSP during 2017-18

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

d. Location and Beneficiary Details during 2017-18

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

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

Natural Resource Management

Matarai Resource Management	1	1											
Name of intervention undertaken	Numbers	No of	Area (ha)		No of farmers covered / benefitted							Remarks	
	under taken	units											
				SC		ST		Othe	r	Total			
								0 0110	-	1000	-		
				M	F	M	F	M	F	M	F	T	

Crop Management

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

•		1	1 (1 .
	IVACTO	וב אם	าd fic	heries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)		No	of fa	rmers	s cover	red / b	enefitt	ed		Remarks
				SC		ST		Othe	r	Total			
				M	F	M	F	M	F	M	F	T	

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)		No	o of fa	rmers	s cover	ed / b	enefitt	ed		Remarks
			SC		ST		Other	r	Total			
			M	F	M	F	M	F	M	F	T	

Capacity building

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

Extension activities

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

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK

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

Award received by Farmers from the KVK district

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

- 14. Any significant achievement of the KVK with facts and figures as well as quality photograph
- 15. Number of commodity based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

Sl. No.	Name of the organization/	Trust Deed No.& date	Date of Trust Registration Address	Proposed Activity	Commodity Identified	No. of Members		Success indicator
	Society		nuuress				lakh)	

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

Sl.	Module details	Area under IFS	Production	Cost of	Value realized in Rs.	No. of farmer	% Change in adoption
No.	(Component-	(ha)	(Commodity-	production in	(Commodity-wise)	adopted practicing	during the year
	wise)		wise)	Rs.		IFS	
				(Component-			
				wise)			

17. Technologies for Doubling Farmers' Income

_	17. 100	iniologics for Doubling Furi	11010 111001110			
	Sl. No.	Name of the Technology	Brief Details of Technology	Net Return to the farmer	No. of farmers adopted	One high resolution
			(3- 5 bullet points)	(Rs.) per ha per year due	the technology in the	'Photo' in 'jpg' format for
				to adoption of the	district	each technology
				technology		
	1					
	2					

			Г	atabase pr	epared/ co	vered f	or		K	VK lev	el Com	mitte	e	Va	rious ac	ctivit	y conducted for
Pha	ise		Total no.	of villages	Total	no. of f	armer	'S	Date forma		Name	e of m	embe	rs		farr	ners
I (up-to 15.03.20	018)																
II (up-to 24.04.2	218)																
Total																	
19. Informa					ny												
Date of Visit	ľ	Name of	Hon'ble Mir	ister		N	ame c	of Mini:	stry			Salie		t points in his/ her observation (2-3 bulleted points)			
-			-					-						-			
20. a) Infor																1	
Year	Name Job ro	e of the ole	Name of the certified T KVK for the role	rainer of	Date of st training	art of		e of co raining	mpletio	on No	o. of pa	rticipa	ants	uploaded to the t			Fund utilized fo the training (Rs.)
2016-17			TOIC											(1/14)			
2010 17																	
2017-18																	
2018-19																	
			Developme							than 2	200 hrs	s., if ar	າy) if ເ	ındertal			
Thematic area of training	f	Title train	of the ing	Duratio	n (in hrs.)	No. o	f parti	icipant	CS .						Func train		lized for the (Rs.)
						SC		ST		Othe		Tot	al				
						M	F	M	F	M	F	M	F	T			
21. Informa					O DITT	N 65			1 27	C			m :	1 0	c I,	ъ .	·1 CY
Name of Nodal No. of OFT on specified aspects Title(s) of OFT			No. of F specifie			deve prog	of capacity clopment cramme on ified aspects		Total no. of women/ gir involved in		girls related to ge in the mainstream		ed to gender				
									spec	ineu a	specis		proj	cu			project

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

A. Training

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

C. Livestock and Fishery related activities

Name of	No. of		Activitie	No. of farmers benefited									No. of other		
programme	Programme	No. of	No. of	Feed/	Any other	S	\mathcal{C}	ST		Others		Total			officials
		animals	animals	nutrient	(Distribution										(except KVK)
		vaccinated	dewormed	supplements provided (kg)	of animals/ birds/ fingerlings) [No.]	М	F	М	F	М	F	М	F	T	attended the programme
KKA-I															
KKA-II															

D	0.1		
D.	Other	acti	vities

Name of	Activities				No. of far	mers ben	efited				No. of other officials
programme	programme		'C	S	T	Oti	hers		Tota	l	(except KVK)
		М	F	М	F	М	F	М	F	Т	attended the programme
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 benefit SC ST Others						Total		Any other, if any (pl. specify)	
		M	F	M	F	M	F	M F T			
		171	1	TVI	1	141	1	IVI	1	1	

 $23. \ \mbox{Any other programme}$ organized by KVK, not covered above

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

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