PROFORMA FOR ANNUAL REPORT2017-18 (April 2017to March 2018)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
KVK,Dhenkanal,RRTTS	Office	FAX	dhenkanalkvk@yahoo.com
Campus, Mahisapat, Dhenkanal,pin-759013	06762286610		kvkdhenkanal.ouat@gmail.com

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

Address	Telephone	E mail	
	Office		
Orissa University of	0674-2397818/919	0674-2397424	
Agriculture and			registrarouat@gmail.com
Technology,Bhubaneswar			_

1.3. Name of the Programme Coordinator with phone & mobile No.

Name	Telephone / Contact				
Dr. BimalenduMohanty	Residence	Mobile	Email		
		9078584428	bimalendum@rediffmail.com		

1.4. Year of sanction of KVK: 2001

1.5.	Staff	Position	(as	on	1^{st}	April,	2017)
------	-------	----------	-----	----	----------	--------	-------

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Dr. BimalenduMohanty	Sr. Scientist and Head	Ag. Eng.	15,600- 39,100 29950	14.03.2005	Temporary	General
2	Subject Matter Specialist	Sasmita Pal	Scientist	Home Science	15,600- 39,100 29950	19.08.2005	Temporary	General
3	Subject Matter Specialist	Debasis Panda	Scientist	Plant Protection	15,600- 39,100 29950	07.01.2006	Temporary	General
4	Subject Matter Specialist	ManoranjanMohanty	Scientist	Forestry	15,600- 39,100 29950	14.02.2006	Temporary	General
5	Subject Matter Specialist	DibyaSundarKar	Scientist	Horticulture	15,600- 39,100 24320	21.08.2006	Temporary	General
6	Subject Matter Specialist	Dr. RoshniBalaNayak	Scientist	Animal Science	15,600- 39,100 22250	07.07.2015	Temporary	General
7	Subject Matter Specialist	Vacant	-	-	-	-	-	-
8	Programme Assistant	JashobantaSahoo	РА	Fishery	9300- 34,800 18730	23.03.2006	Temporary	General
9	Computer Programmer	GangadharMoharana	РА	Computer	9300- 34,800 18730	15.02.2006	Temporary	General
10	Farm Manager	Manoj Kumar	Farm Manager	Seed Technology	9300-	04.10.2006	Temporary	General

		Pradhan			34,800			
					18180			
11	Accountant /	Vacant		-	-	-	-	
	Superintendent							
12	Stenographer	GyanaRanjan Das	Jr. Steno-cum-		5,200-	08.01.2007	Temporary	General
			Computer		20,200			
			Operator		10260			
13.	Driver	NilamadhabaSahoo	Driver-cum-	-	5,200-	25.07.2007	Temporary	General
			Mechanic		20,200			
					9300			
14.	Driver	Dillip Kumar	Driver-cum-	-	5,200-	23.07.2008	Temporary	General
		Pradhan	Mechanic		20,200			
					8760			
15.	Supporting staff	Kumar Beja	Peon-cum-	-	4750-14680	26.12.2007	Temporary	General
	•		Watchman		7760		_ •	
16.	Supporting staff	AhalyaBaral	Peon-cum-	-	4750-14680	25.07.2008	Temporary	General
			Watchman		7320			

1.6. Total land with KVK (in ha)

S. No.	Item	Area (ha)
1	Under Buildings	0.4
2.	Under Demonstration Units	0.6
3.	Under Crops	6
4.	Orchard/Agro-forestry	6
5.	Others with details	
А	Farm tank	5
В	Barrain land	2
	Total	20

:

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	Complet ed up to	Complet ed up to	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
			plinth level	lintel level	roof level				
1.	Administrative Building	Not yet started							
2.	Farmers Hostel					Totally completed	280	Under use	RRTTS building handed over to KVK and renovated under RKVY
3.	Staff Quarters (6)					Totally completed	390	Under use	ICAR
4.	Piggery unit	Not yet started							
5	Fencing					Totally completed	8790 running feet	Under use	RKVY
6	Rain Water harvesting structure	Not yet started							
7	Threshing floor	Not yet started							
8	Farm godown	startou				Totally completed	30	Under use	RRTTS godown handed

						5
						over to KVK
9.	Dairy unit	Not yet started				
10.	Poultry unit		Totally completed	36	Under use	RRTTS unit handed over to KVK
11.	Goatary unit	Not yet started				
12.	Mushroom Lab	Not yet started				
13.	Mushroom production unit		Totally completed	78	Under use	ICAR
14.	Shade house		Totally completed	110	Under use	ICAR
15.	Soil test Lab		Totally completed		Under use	Equipments – ICAR, Building – RRTTS
16	Training Hall		Totally completed	95	Under use	RKVY
	Duckery unit		Totally completed	10	Under use	RKVY
	Vermi compost unit (2 nos)		Totally completed	23 78	Under use	RKVY- 1 ICAR -1

* 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
Bolero	2016-17	7,04,162	16500	Good condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Digital Refractometer	2017-18	14,950	Good condition	ICAR
Drying cabinet	2017-18	19,897	Good condition	ICAR
Crown cap sealing machine	2017-18	2,950	Good condition	ICAR
Vacuum sealing machine	2017-18	1,980	Good condition	ICAR
Stainless steel knife, strainer, decanter, measuring cup set,	2017-18	1,950	Good condition	ICAR

glass jar etc.				
Food processor	2017-18	4,950	Good condition	ICAR
Wet grinder	2017-18	12,800	Good condition	ICAR
Mridaparikshak – 2 nos.	2016-17	1,80,600	Good condition	ICAR
Thermo hygrometer	2016-17	1800	Good condition	ICAR
Hand refractometer	2016-17	4850	Good condition	ICAR
Electronic automatic kelplus microprocessor based twenty	2004-05	121470	Good condition	ICAR
place macro block digestion system				
Electronic acid neutralizer scrubbar	2004-05	51470	Good condition	ICAR
Electronic kelplus micro processor based automatic	2004-05	156530	Good condition	ICAR
nitrogen distillation system				
Electronic titration system for kelplus system	2004-05	52000	Good condition	ICAR
Flame photometer	2004-05	35200	Not functioning	ICAR
Spectrophotometer	2004-05	30100	Good condition	ICAR
Servo Stabilizers	2004-05	13500	Not functioning	ICAR
Hot plate	2004-05	2520	Good condition	ICAR
Micro processor based pH meter	2004-05	10200	Not functioning	ICAR
Onductivity meter	2004-05	10200	Good condition	ICAR
Refrigerator	2004-05	9200	Not functioning	ICAR
Ele. Top Pan Balance	2004-05	95000	Good condition	ICAR
Physical Balance	2004-05	4500	Not functioning	ICAR
Soil Augur	2004-05	2850	Good condition	ICAR
Bouyoucos Hydrometer	2004-05	6500	Good condition	ICAR
Mechanical Stirrer	2004-05	8200	Good condition	ICAR
Colony Counter	2004-05	4500	Good condition	ICAR
Plant Sample Grinder / Laboratory Mill	2004-05	8000	Good condition	ICAR
Hot Water Bath	2004-05	4000	Good condition	ICAR
Horizontal Shaker	2004-05	11000	Good condition	ICAR
Distilled Water Unit	2004-05	7200	Good condition	ICAR
Hot Air Oven	2004-05	10500	Good condition	ICAR
Laboratory Centrifuge	2004-05	9000	Good condition	ICAR
Sieves	2004-05	1123	Good condition	ICAR
Soil Augur / Sampling Tube (Screw/tube)	2004-05	1700	Good condition	ICAR
Soil Thermometer	2004-05	2712	Good condition	ICAR
Olympus (Microscope) Model ML-14	2004-05	17900	Good condition	ICAR
Olympus (Microscope) Model MS-13	2004-05	26890	Good condition	ICAR
Bod Incubator	2004-05	42000	Not functioning	ICAR
b. Farm machinery				· · ·

Tractor operated 9 row seed cum fertilizer drill	2016-17	55,000	Good condition	ICAR
Power weeder	2016-17	42,313	Good condition	ICAR
Tractor operated Rotavator	2016-17	96,900	To be repaired	ICAR
Tractor & accessories	2003-04	2,95,251	Good condition	ICAR
Trailer	2003-04	55,000	Bad condition	ICAR
11 tyne cultivator	2003-04	10,800	Bad condition	ICAR
Cage wheel	2003-04	6,500	Bad condition	ICAR
Terracer blade	2003-04	18,000	Good condition	ICAR
M.B. Plough	2003-04	21,000	Good condition	ICAR
3 bottom ridger	2003-04	10,149	Good condition	ICAR
HD Leveller	2003-04	9,500	Good condition	ICAR
		•		
c.AV Aids				
Pico Projector	2016-17	17,467	Good condition	ICAR
Digital camera	2015-16	17,800	Good condition	ICAR
LCD Projector (BENQ)	2015-16	55,620	Good condition	ICAR
Television set	2012-13	8,000	Good condition	ICAR
Digital camera (NIKON)	2009-10	15,000	Good condition	ICAR
LCD Projector (Epson)	2006-07	84,710	Good condition	ICAR
Digital camera (NIKON)	2005-06	13,600	Good condition	ICAR
Desktop Computer	2016-17	35,000	Good condition	ICAR
Laptop computer	2015-16	43,790	Good condition	ICAR
Laser Printer (RICCO)	2015-16	6,210	Good condition	ICAR
Laser Printer (HP)	2013-14	12,600	Good condition	ICAR
Digital copier with printer	2010-11	46,385	Good condition	ICAR
Desktop Computer	2009-10	29,700	Good condition	ICAR
Laptop computer	2006-07	48,600	Good condition	ICAR
Desktop Computer	2005-06	37,500	Good condition	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Tractor operated 9 row seed cum fertilizer drill	2016-17	55,000	Good condition	ICAR
Power weeder	2016-17	42,313	Good condition	ICAR
Tractor operated Rotavator	2016-17	96,900	To be repaired	ICAR

Tractor & accessories	2003-04	2,95,251	Good condition	ICAR
Trailer	2003-04	55,000	Bad condition	ICAR
11 tyne cultivator	2003-04	10,800	Bad condition	ICAR
Cage wheel	2003-04	6,500	Bad condition	ICAR
Terracer blade	2003-04	18,000	Good condition	ICAR
M.B. Plough	2003-04	21,000	Good condition	ICAR
3 bottom ridger	2003-04	10,149	Good condition	ICAR
HD Leveller	2003-04	9,500	Good condition	ICAR

1.8. Details SAC meeting* conducted in the year

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

* 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 (2017-18)

S1.	Item	Information					
no.							
1	Major Farming system/enterprise	Paddy-Groundnut, Pa	<u>ddy-Sesamum,</u>				
		Paddy-Greengram/Bla	<u>ackgram,</u>				
		Groundnut-Groundnu	t, Paddy-Vegetable /Mu	shroom ar	nd Poultry		
2	Agro-climatic Zone	Mid Central Table La	nd				
3	Agro ecological situation	<u>6</u>					
		AES 1- RIVER VALLY	Y ALLUVIUM				
		AES 2 - LIGHT TEXT	URED LATERITE				
		AES 3 - RED LOAM S	OIL				
		AES 4 - MEDIUM TEX	KTURED SANDY LOAM	[
		AES 5 - BLACK SOIL					
		AES 6 - CLAY & HEAVY CLAY SOIL					
4	Soil type	Red lateritic, sandy loam, alluvial					
5	Productivity of major 2-3 crops under cereals, pulses,	VegetablesFruitsCerealsPulsesOilseeds					

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises		Major pro wise)	blems identified (crop-	Identified '	Thrust Areas			
	oilseeds	, vegetables, t	fruits and others		Brinjal-16	.9 q/ha	Mango-5.81q/ha	Rice-	Pigeonpea-	Gro	undnut-	
					Tomato-14	4.26 q/ha	Cashew-0.812 q/ha		Blackgram-	Sesa	ume-	1
					Cauliflow	er-15.24	Watermelon-					1
					q/ha		18.85q/ha					1
6	Mean yearly temperature, rainfall, humidity of the district		t Rainfall-767mm,Temperature:Max-(33.45 ^o C)-Min-(21.79 ^o C)									
7	Producti meat etc	on of major l	ivestock products lik	e milk, egg,	Milk-69.42	TMT,Egg-	64.42Million,Meat-21	38.22MT				

Note: Please give recent data only 2.b. Details of operational area / villages (2017-18)

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2017-18) for its development and action plan

Name of village	Block	Action taken for development
Parbatia	Sadar	Cluster Borewell for irrigation, Demostration of Quail,Chabro chicks and mushroom for income generation.OFT on 3-row manual rice transplanter, FLD on management of mushroom beds during summer season,FLD on dual purpose backyard poultry and quail,Distribution of Bina, Sahabhagidhan,DRR-42 and DRR-44 rce varieties under STRV trial, DIstibution of Eucalyptus seedings, Mango split preparation by pit method
Bangursingha	Odapada	FLD on dual purpose backyard poultry,Khaki Campbell ducks and quail, OFT on low cost technology for drying of oyster mushroom
Bainsia	Gondia	Training

		10
Kandarsingha	Parjang	FLD on quail, FLD on blue oyster mushroom, OFT on
		micro nutrient lick blocks on productive performance of
		goat
Gurujangulei	Kankadahad	OFT on micro nutrient lick blocks on productive
		performance of goat, FLD on blue oyster mushroom

Priority thrust areas
Thrust area
Promotion of improved varieties in oilseed and pulse crops.
Focus on cultivation of oilseed and pulse crops in rice – fallow situation.
Promotion of line sowing in oilseed & pulse crops
Introduction and promotion of commercial fruit crops like guava, ber, custard apple, pomegranate etc.
Drip irrigation system with mulching in horticultural crops
Focus on stall feeding model in case of goatery
Promotion of fodder cultivation and hydroponics
Promotion of advanced fingerlings and yearlings production
Value addition of existing fruits and vegetables.
Promotion of training and pruning in fruit orchard
Scientific management of minor forest produces
Promotion of organic agriculture in the district
Promotion of aromatic crops
Promotion of aqua shops in the district.

3. <u>TECHNICAL ACHIEVEMENTS</u>

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

											11
		OFT]	FLD		
No. of technol	ogies:					No. of technolo	ogies:				
Number	r of OFTs		Number of	f farmers		Number of FLDs Number of farmers					
Target	Achievement	Target	Achieveme	ent		Target	Achievement	Target	Achievemen	nt	
			SC/ST	Others	Total				SC/ST	Others	Total
12		77			77	22		174			174

	Training						Exter	sion activities	5		
Number of Courses Number of Participants				Number of a	ctivities	1	Number of part	ticipants			
Target	Achievement	Target	Achievemen	Achievement		Target	Achievement	Target	Achievemen	t	
			SC/ST	Others	Total				SC/ ST	Others	Total
109		2375				7		1050			

Se	ed production (q)	Pl	anting material (in Lakh)
Target	Achievement	Target	Achievement
7 ha		340000	

Livestock strains and fish fi	ngerlings produced (in lakh)*	Soil, water, plant, manure	s samples tested (in lakh)
Target	Achievement	Target	Achievement
1400		500	

* Give no. only in case of fish fingerlings

Publication by KVKs					
Item	Number	No. circulated			
Research paper	4				
Seminar/conference/ symposia papers	6				
Books					

		1
Bulletins		
News letter	4	2000
Popular Articles	8	
Book Chapter		
Extension Pamphlets/ literature	3	
Technical reports	5	5
Electronic Publication (CD/DVD etc)	2	20
TOTAL	32	2025

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of improved wilt tolerant brinjal varieties
2.	Problem diagnosed	Low yield due to bacterial wilt
3.	Details of technologies selected for assessment/refinement	FP-Local variety Muktapasi
	(Mention either Assessed or Refined)	TO-1SwarnaPratibha
		TO-2SwarnaShyamali
4.	Source of Technology	Source : ICAR-RCER, Patna (2010)
5.	Production system and thematic area	Rainfed medium land ,Brinjal - Cabbage (Varietal evaluation)
6.	Performance of the Technology with performance indicators	Yield, BC ratio, Farmers' feed back
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their	
	reaction	

Thematic area: Varietal evaluation

Problem definition: Low yield due to bacterial wilt

Technology assessed: Assessment of improved wilt tolerant brinjal varieties

Table:

Technology option	No.	of	Yield compo	onent	Yield	Cost	of	Gross	return	Net return	BC
	trials					cultivation		(Rs/ha))		ratio
					(q/ha)					(Rs./ha)	
						(Rs./ha)					
	8										
FP-Local variety Muktapasi	0										
TO-1SwarnaPratibha	8										
TO-2SwarnaShyamali	8										

OFT-2

1.	Title of On farm Trial	Assessment of improved broccoli varieties
2.	Problem diagnosed	Low yield from the existing variety
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP-Variety Greenstar TO-1PalamSamridhi TO-2Pusa Broccoli Kt. Sel. 1
4.	Source of Technology	ICAR-IARI, 2010
5.	Production system and thematic area	Rabi, Irrigated medium landRice- Broccoli (Varietal evaluation)

		14
6.	Performance of the Technology with performance	Yield, BC ratio, Farmers' feed back
	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: Varietal evaluation

Problem definition: Low yield from the existing variety

Technology assessed: Assessment of improved broccoli varieties

Table:

Technology	No. of	Y	ield component	Disease/	Yield	Cost of	Gross return	Net return	BC
option	trials			insect pest		cultivation	(Rs/ha)		ratio
				incidence	(q/ha)			(Rs./ha)	
				(%)		(Rs./ha)			
FP-Variety	8								
Greenstar									
TO-1Palam	8								
Samridhi									
TO-2Pusa	8								
Broccoli Kt.									
Sel. 1									

OFT-3

r		15
1.	Title of On farm Trial	Assessment of different methods for management of pod borer complex in Pigeonpea
2.	Problem diagnosed	Low yield of pigeonpea due to high infestation of pod borer
3.	Details of technologies selected for assessment/refinement	FP : Indiscriminate spraying of Chlorpyriphos 20% EC
	(Mention either Assessed or Refined)	TO-1 : Spraying of Indoxacarb 14.5 SC @1ml/lit of water
		TO-2 :Installation of pheromone trap 20 trap/ha + release of T.chilonis@50,000/ha + spraying of Indoxacarb 14.5 SC @1ml/lit of water.
4.	Source of Technology	OUAT, 2015-16
5.	Production system and thematic area	Rainfed upland, Pigeonpea fallow, IPM
6.	Performance of the Technology with performance indicators	TO-1 : Oxidiazine group which effectively controls caterpillars by contact and stomach poison actions and safer to natural enemies.
		TO-2 : Pheromone trap is used to monitor the pod borer and T. chilonis is used for destroying the eggs. Spraying of Indoxacarb controls the pod borer complex.
		Yield, BC ratio, Farmers' feedback
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: IPM

Problem definition: Low yield of pigeonpea due to high infestation of pod borer

Technology assessed: Assessment of different methods for management of pod borer complex in Pigeonpea

Table:

Technology option	No. of	Y	ield compone	ent	Disease/	Yield	Cost of	Gross	Net return	BC
	trials	No. of	No. of	Test wt.	insect pest		cultivation	return		ratio
		effectiv	spikelet	(100	incidence	(q/ha)		(Rs/ha)	(Rs./ha)	
		e	per panicle	grain	(%)		(Rs./ha)			
		tillers/h		wt.)						
		ill								
FP : Indiscriminate	5									
spraying of										
Chlorpyriphos 20%										
EC										
TO-1 : Spraying of	5									
Indoxacarb 14.5 SC										
@1ml/lit of water										
TO-2 :Installation of	5									
pheromone trap 20										
trap/ha + release of										
T.chilonis@50,000/ha										
+ spraying of										
Indoxacarb 14.5 SC										
@1ml/lit of water.										

OFT-4

1.	Title of On farm Trial	Assessment of different control measures for management of sucking pests in chilli
2.	Problem diagnosed	Low yield of chilli due to high infestation of sucking pests
3.	Details of technologies selected for assessment/refinement	FP : Spraying of Imidachloprid 17.8% SL @5ml/15 lit of water
	(Mention either Assessed or Refined)	TO-1 :Application of Thiomethoxam 25% WG@ 5gm/15 lit. of water twice at 15

		17
		days interval
		TO-2 :Seed treatment with Imidachloprid 17.8% SL @ 5 gm/kg seeds + spraying of Difenthurion 50% WP @ 0.5 ml/lit. of water
4.	Source of Technology	OUAT, 2012
5.	Production system and thematic area	Irrigated upland, Tomato – chilli , IPM
6.	Performance of the Technology with performance indicators	TO-1 : New generation insecticide with systemic action.TO-2 : Seed treatment with Imidachlopride inhibits the leaf curl disease and spraying of Difenthurion (new generation thiourea insecticide and acaricide has a novel mode of action) controls the sucking pest in chilli.
		Yield, BC ratio, Farmers' feedback
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: IPM

Problem definition: Low yield of chilli due to high infestation of sucking pests

Technology assessed: Assessment of different control measures for management of sucking pests in chilli.

Technology option	No.	Yield component			Disease/	Yield	Cost of	Gross	Net return	BC
	of	No. of	No. of	Test wt.	insect pest			return		ratio

	trials	effecti ve tillers/ hill	spikelet per panicle	(100 grain wt.)	incidence (%)	(q/ha)	cultivation (Rs./ha)	(Rs/ha)	(Rs./ha)	
FP : Spraying of Imidachloprid 17.8% SL @5ml/15 lit of water	5									
TO-1 :Application of Thiomethoxam 25% WG@ 5gm/15 lit. of water twice at 15 days interval	5									
TO-2 :Seed treatment with Imidachloprid 17.8% SL @ 5 gm/kg seeds + spraying of Difenthurion 50% WP @ 0.5 ml/lit. of water	5									

OFT-5

1.	Title of On farm Trial	Assessment of production potential (Sugars) of palmyra palm plant
2.	Problem diagnosed	Low level of income from palmyra palm plants
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP : Use of immature fruit (soft endocarp) and mature fruit (ripe pericarp) as food and leaf for thatching
		T O-1 : Palmyra palm candy preparation by application of 2 g lime / lit of nectar during tapping

		T O-2 : Palmyra palm candy preparation by application of 2 g lime / lit of nectar during tapping and addition of phosphoric acid @ 1 g / lit during cooking
4.	Source of Technology	KVIC, Mumbai, 2012
5.	Production system and thematic area	Rainfed upland and value addition
6.	Performance of the Technology with performance indicators	Nectar / plant, nectar:sugar,Candy yield, BC ratio, Farmers' feedback
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: Value addition

Problem definition: Low level of income from palmyra palm plants

Technology to be assessed: Assessment of production potential (Sugars) of palmyra palm plant

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

		tillers				
		/hill				
FP : Use of immature	5					
fruit (soft endocarp)						
and mature fruit (ripe						
pericarp) as food and						
leaf for thatching						
TO 1 : Palmyra palm	5					
candy preparation by						
application of 2 g						
lime / lit of nectar						
during tapping						
Palmyra palm candy	5					
preparation by						
application of 2 g						
lime / lit of nectar						
during tapping and						
addition of						
phosphoric acid @ 1						
g / lit during cooking						

OFT-6

1.	Title of On farm Trial	Assessment of BPH tolerant rice varieties in medium land situation
2.	Problem diagnosed	Low yield in rainfed medium land transplanted rice due to use of variety susceptible to BPH
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO 1 : 135-140 days, average yield: 50-55 q/ha; Suitable for medium land; Tolerance to BPH; stress tolerant
		TO 2 : 145-150 days , Medium slender, Panicle length: 27.8 cm, Average yield: 55-60 q/ha; Tolerant to BPH; Adaptability in rainfed& irrigated medium land

4.	Source of Technology	DRR,Hyderabad,2012
		OUAT 2014
5.	Production system and thematic area	Rainfed Medium land and crop production
6.	Performance of the Technology with performance indicators	Plant height, EBT/m2, Grains/panicle, BPH infested hills (%),1000 seed weight Yield , Net return, B:C ratio, Farmers' feedback
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: Crop production

Problem definition: Low yield in rainfed medium land transplanted rice due to use of variety susceptible to BPH

Technology to be assessed: Assessment of BPH tolerant rice varieties in medium land situation

Technology option	No. of	Yield component			Disease/	Yield	Cost of	Gross	Net return	BC
	trials	No.	No. of	Test wt.	insect pest		cultivation	return		ratio
		of	spikelet per	(100	incidence	(q/ha)		(Rs/ha)	(Rs./ha)	
		effect	panicle	grain	(%)		(Rs./ha)			
		ive		wt.)						
		tillers								
		/hill								
Fp-Pooja	10									
TO-1 : 135-140 days,	10									
average yield: 50-55										
q/ha; Suitable for										

				-	-	
medium land;						
Tolerance to						
BPH; stress tolerant						
TO-2 : 145-150 days,	10					
Medium slender,						
Panicle length: 27.8						
cm, Average yield:						
55-60						
55-60						

OFT-7

1.	Title of On farm Trial	Assessment of crumpled paddy straw for mushroom cultivation
2.	Problem diagnosed	Non utilization of crumpled paddy straw after threshing with Axial flow thresher or combined harvester
3.	Details of technologies selected for assessment/refinement	FP-Mushroom cultivation by using bundled paddy straw of manual threshing
	(Mention either Assessed or Refined)	TO-1-Mushroom cultivation by using crumpled paddy straw of Axial flow thresher
		TO-2-Mushroom cultivation by using crumpled paddy straw of Combined harvester
		TO-3-Mushroom cultivation by using crumpled paddy straw of Bullock treading / tractor treading
4.	Source of Technology	CTMRT, OUAT, 2015
5.	Production system and thematic area	Homestead and mushroom cultivation
6.	Performance of the Technology with performance indicators	Yield, BC ratio, Farmers' feedback

		23
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: mushroom cultivation

Problem definition: Non utilization of crumpled paddy straw after threshing with Axial flow thresher or combined harvester

Technology to be assessed: Assessment of crumpled paddy straw for mushroom cultivation

Technology option	No. of		Yield compone	ent	Disease/	Yield	Cost of	Gross return	Net return	BC
	trials	No.	No. of	Test wt.	insect pest		cultivation	(Rs/ha)		ratio
		of	spikelet per	(100	incidence	(q/ha)			(Rs./ha)	
		effect	panicle	grain	(%)		(Rs./ha)			
		ive		wt.)						
		tillers								
		/hill								
FP-Mushroom										
cultivation by using										
bundled paddy straw										
of manual threshing										
TO-1-Mushroom										
cultivation by using										
crumpled paddy straw										
of Axial flow thresher										
TO-2-Mushroom										

cultivation by using					
crumpled paddy straw					
of Combined harvester					
TO-3-Mushroom					
cultivation by using					
crumpled paddy straw					
of Bullock treading /					
tractor treading					

OFT-8

1.	Title of On farm Trial	Assessment of different transplanting methods for drudgery reduction of farm women
2.	Problem diagnosed	High drudgery, labour, cost and time involved in manual random transplanting
3.	Details of technologies selected for assessment/refinement	FP-Manual random transplanting
	(Mention either Assessed or Refined)	TO-1-Manual line transplanting
		TO-2-Transplanting by 3-row Manual Rice Transplanter
4.	Source of Technology	AICRP on ESA,CAET, OUAT, 2013
5.	Production system and thematic area	Kharif, rainfed medium land, paddy- fallow and drudgery reduction
6.	Performance of the Technology with performance indicators	Yield, BC ratio, Farmers' feedback
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	

		25
9	Process of farmers participation and their	
	reaction	

Thematic area: Drudgery reduction

Problem definition: High drudgery, labour, cost and time involved in manual random transplanting

Technology to be assessed: Assessment of different transplanting methods for drudgery reduction of farm women

Technology	No. of	Y	ield component		Disease/	Yield	Cost of	Gross return	Net return	BC
option	trials	No. of	No. of	Test wt.	insect pest		cultivation	(Rs/ha)		ratio
		effective	spikelet per	(100	incidence	(q/ha)			(Rs./ha)	
		tillers/hill	panicle	grain	(%)		(Rs./ha)			
				wt.)						
FP-Manual										
random										
transplanting										
TO-1-Manual										
line										
transplanting										
ТО-2-										
Transplanting										
by 3-row										
Manual Rice										
Transplanter										

OFT-9

1.	Title of On farm Trial	Assessment of hydroponic green fodder on quantity and quality of milk production
2.	Problem diagnosed	Lack of availability and more space requirement of green fodder and more cost of concentrate feed
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment
4.	Source of Technology	OUAT, 2014
5.	Production system and thematic area	Homestead and Feed management
6.	Performance of the Technology with performance indicators	Milk yield, Milk fat and SNF%, BC ratio, Farmers' feed back
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: Feed management

Problem definition: Lack of availability and more space requirement of green fodder and more cost of concentrate feed

Technology to be assessed : Assessment of hydroponic green fodder on quantity and quality of milk production

Table:

Technology option	No.	of	Yie	eld comp	onent	Disease/	insect	pest	Yield	Cost of	Gross	Net	BC
	trials					incidence (%)			cultivation	return	return	ratio
										(Rs)	(Rs)		
												(Rs)	
												. ,	
FP-Feeding of concentrate	7												
feed, dry roughage and locally													
available green fodder.													
TO1- Feeding of dry													
roughage + 3 kg concentrate													
feed + hydroponic fodder													
(maize) @ 15 kg/day													
TO2- Feeding of dry													
roughage + 1.5 kg concentrate													
feed + hydroponic fodder													
(maize) @ 25 kg/day													

OFT-10

1.	Title of On farm Trial	Assessment of different backyard poultry breeds
2.	Problem diagnosed	Less numbers of egg and meat production from desi breed
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessment
4.	Source of Technology	CPDO, Bhubaneswar (2010)
5.	Production system and thematic area	Homestead and poultry management

		28
6.	Performance of the Technology with performance	Meat and egg production, BC ratio, Farmers' feed back
	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: Poultry management

Problem definition: Less numbers of egg and meat production from desi breed

Technology assessed: Assessment of different backyard poultry breeds

Table:

Technology option	No.	Yield	l compo	onent	Disease/	Yield	Cost	Gross	Net	BC
	of			-	insect		of	return	retur	ratio
	trial				pest		cultiv	(Rs)	n	
	S				incidenc		ation			
					e (%)		(Rs)		(Rs)	
FP-Desi breed	7									
TO1- Chabro: 170-180 eggs / year and body weight at 2										
months:1300-1700g										
TO2- : Kadaknath is the breed with better meat quality having										
many kinds of amino acids and vitamins and is a powerful										
source of protein with medicinal values. It produces around 180-										
190 eggs /year and body weight at 2 months : 490-550g										

OFT-11

1	Title of On form Trial	Aggagment of yield norformance of Amur com in Composite niceiculture
1.		Assessment of yield performance of Amur carp in Composite pisciculture
2.	Problem diagnosed	Slow growth rate and survibility of common carp affects the average yield from composite carp culture
3.	Details of technologies selected for assessment/refinement	FP - Stocking of common carp with IMC
	(Mention either Assessed or Refined)	TO -1- Stocking catla: rohu: mrigal: amur carp (3000: 4000 : 2000: 1000) @ 10000 fingerlings / ha along with other recommended practice
		TO- 2 -Stocking catla: rohu: amur carp (3000: 4000 : 3000) @ 10000 fingerlings / ha along with other recommended practice
4.	Source of Technology	: NFDB, 2012
,5.	Production system and thematic area	Grow out fish culture ,production and management
6.	Performance of the Technology with performance indicators	Yield, BC ratio, Farmers' feedback
7.	Final recommendation for micro level situation	
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	

Thematic area: production and management

Problem definition: Slow growth rate and survibility of common carp affects the average yield from composite carp culture

Technology assessed: Assessment of yield performance of Amur carp in Composite pisciculture

Technology option	No. of		Yield compo	onent	Disea	Yield	Cost of	Gross return	Net return	BC
	trials	No. of	No. of	Test wt.	se/		cultivation	(Rs/ha)		ratio
		effectiv	spikelet	(100 grain	insect	(q/ha)			(Rs./ha)	
		e	per	wt.)	pest		(Rs./ha)			
		tillers/h	panicle		incide					
		ill			nce					
					(%)					
FP - Stocking of common carp	04									
with IMC										
TO -1- Stocking catla: rohu:	04									
mrigal: amur carp (3000: 4000										
: 2000: 1000) @ 10000										
fingerlings / ha along with										
other recommended practice										
TO- 2 -Stocking catla: rohu:	04									
mrigal: amur carp (3000: 4000										
: 1000: 2000) @ 10000										
fingerlings / ha along with										
other recommended practice										

OFT-12

1.	Title of On farm Trial	Assessment of humic acid as a substitute for raw cow dung for enhanced production in community tank	
2.	Problem diagnosed	No fertilizer and manuring schedule for community tank for sustainable natural food.	

			31	
		Social issues		
3.	Details of technologies selected for assessment/refinement	FP:Only stocking of fish seed and no use of organic fertiliser		
	(Mention either Assessed or Refined)	TO -1: Application of humic acid @ 1lit /ac-m/month		
		TO -2 : Application of humic acid @ 2lit /ac-m/month		
4.	Source of Technology	: COF, OUAT-2010		
,5.	Production system and thematic area	Grow out fish culture ,production and management		
6.	Performance of the Technology with performance indicators	Yield, BC ratio, Farmers' feedback		
7.	Final recommendation for micro level situation			
8.	Constraints identified and feedback for research			
9.	Process of farmers participation and their reaction			

Thematic area: Production and management

Problem definition: No fertilizer and manuring schedule for community tank for sustainable natural food. Social issues

Technology assessed: Assessment of humic acid as a substitute for raw cow dung for enhanced production in community tank

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

			wt.)			
FP:Only	04					
stocking of fish						
seed and no use						
of organic						
fertiliser						
TO -	04					
1:Application of						
humic acid @						
1lit /ac-m/month						
TO-2 :	04					
Application of						
humic acid @						
2lit /ac-m/month						

Results: **Please provide all the OFTs in same format**

- 3.2 Achievements of Frontline Demonstrations
- A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (l	na)		No. of farm Demonstrat	ers/ ion	Reasons for shortfall in achievement
				Proposed	Actual	SC/ST	Others	Total	
1.		IPM	FP : Spraying of Imidachloprid 17.8% SL @5ml/15 lit of water	1	1			10	
	Paddy		Demo :Spraying of Flonicamid 50% WG @150 g/ ha						

								33
2.	Paddy	IPM	FP : Indiscriminate	1	1		10	
			20% EC @2ml/lit of Water					
			Demo : Spraying of					
			Chlorantraniliprole 20%					
			SC (new generation					
			insecticide with systemic					
			action) @					
			3.5ml / 15 lit of water					

Details of farming situation

Сгор	ieason	ng situation Irrigated)	oil type		Status of soi (Kg/ha)	1	ious crop	ving date	vest date	nal rainfall (mm)	f rainy days
		Farmii (RF/	Š	N	P ₂ O ₅	K ₂ O	Prev	Sov	Har	Seaso	No. of
Paddy	Kharif 2018	Rainfed upland, paddy - fallow					Fallow				
Paddy	Kharif 2018	Rainfed medium land, paddy - fallow					Fallow				

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	No. of	Area	Yield	(q/ha)	%	*Eco	onomics of (Rs	f demonstra ./ha)	tion	*	Economio (Rs	cs of check ./ha)	ζ.
Стор	Area	demonstrated	Farmers	(ha)	Demo	Check	Increase	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR

								34
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

					Viald	(a/ba)		*Eco	nomics of	demonstra	ation	*	Economic	s of check	C C
Cron	Thematic	Name of the technology demonstrated	No. of	Area	1 leiu	(q/na)	%		(Rs.	/ha)			(Rs.	/ha)	
Clop	Area	Name of the technology demonstrated	Farmers	(ha)	Damo	Check	Increase	Gross	Gross	Net	**	Gross	Gross	Net	**
					Demo	CHECK		Cost	Return	Return	BCR	Cost	Return	Return	BCR
	IPM	FP : Indiscriminate spraying of imidachloprid 17.8% SL Demo : Application of Neem cake@ 250kg/ha+ use of yellow sticky trap @50 traps / ha + spraying of diafenthurion 50% WP @1g/ lit of water New generation thiourea insecticide has a													
Blackgram		novel mode of action.	10	1											
	Total		10	1											

* 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

Сгор	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)	% change in yield	Ot paran % leaf a due to hoppo shoot d % fruit in Ba	her neters affected o leaf er , % amage / damage rinjal	*Eco	nomics of a (Rs.//	demonstrati ha)	on	*I	Economic: (Rs./	s of check ha)	k
					Demons	Chaok		Damo	Chaok	Gross	Gross	Net	**	Gross	Gross	Net	**
					ration	CHECK		Dellio	Check	Cost	Return	Return	BCR	Cost	Return	Return	BCR

										3	5
	Varietal	Demonstration of									
Onion	evaluation	kharif onion variety Bhima Dark Red	5	0.4							
Tomato	Varietal	Demonstration of									
	evaluation	hybrid tomato var. ArkaRakshak									
			5	0.4							
Aromatic plant	ICM	Demonstration of aromatic plant, Palmarosa									
			5	0.4							
Marigold	Varietal evaluation	Demonstration of high yielding variety marigold var. PusaNarangi	5	0.4							
	IDM	FP : Spraying of Mancozeb @ 2gm/lit of water									
		Demo : Spraying of Trifloxystrobin 50% WG (new generation fungicide with systemic action) (@									
Watermelon		1ml/lit of water	10	1							
		Total	30	2.6							

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of	No.of	o.of Major parameters % change Other parameter (Rs.)		demonstr s.)	ation	*]	*Economics of check (Rs.)							
			Farmer	units	Demons	Check	parameter	Demons	Check	Gross	Gross	Net	**	Gross	Gross	Net	**
					ration	Спеск		ration		Cost	Return	Return	BCR	Cost	Return	Return	BCR
	Feed	Demonstration on			Milk			Milk									
	management	feeding bypass fat			yield,			quality(fat									
		feed supplement on			B:C ratio,			% and									
		quality of milk			Farmers			SNF %)									
		production			feed back												
Dairy			10	10													
Cow																	

											3	36
Buffalo												
	Poultry	Demonstration of					Body					
	management	small scale quail					weight					
		farming					gain and					
					B:C ratio,		egg					
					Farmers		production					
					feed back		rate					
Poultry			10	10								
Tourry	Poultry	Demonstration on					Body					
	management	rearing of dual					weight at					
		poultry in semi			B·C		3 months					
		intensive system			ratio,		of age, no					
					Farmers		of					
					feed		eggs/bird					
D 1			10	10	back		20					
Poultry												
Rabbitry												
Tigeny	Feed	Demonstration on					Mortality					
	management	periparturient					rate of					
		concentrate feeding					kids,					
		on birth weight of					Morbidity					
		kids					rate of					
							kids and					
					B:C ratio.		body					
					Farmers		weight of					
					feed back		kids					
Sheep and			10	30	lood buok							
goat			10	50						 		
Duckery												
(pl.specify)												
Total			40	60								
* Economics to be worked out based on total cost of production per unit area and not on critical inputs alone. ** BCR= GROSS RETURN/GROSS COST

Fisheries

Category Thematic area	Name of the	No. of	No.of	Major parai	neters	% change	Other par	rameter	*Ecor	nomics of (Re	demonstr s.)	ation	*E	Economic (Ra	s of chects.)	ĸ	
Category	area	demonstrated	Farmer	units	Demons ration	Check	in major parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
	Production	Performance				Av.											
	and	of farm made				weight,											
	management	low cost feed				FCR											
		in grow-out				,yield											
		carp culture			Av. weight,												
IMC	04 04 FCR		FCR yield														
	Production	Demonstration				Av. wt											
	and	on use of				(gm),											
m	management	vitamin				pH,											
		mineral				DO ₂ ,											
		premix in carp			Avwt(gm),pH,	Plankton											
		culture			DO ₂ , Plankton	density											
					density (ml),	(ml),											
IMC			04	04													
Ornamental fishes																	
Others																	
(prispectry)																	
	 	Total	8	8				<u> </u>									
* Ec	L conomics to be v	worked out based o	on total co	st of pro	duction per unit a	rea and not	on critical in	puts alone.									

** BCR= GROSS RETURN/GROSS COS

Other enter	rprises	-				-			_							
	Name of the			Maior par	ameters	% change	Other p	arameter	*Eco	nomics of	demonstr	ation	*	Economic	s of check	k
Category	technology	No. of	No.of		1	in major	F	1		(Rs.) or	Rs./unit		G	(Rs.) or	Rs./unit	
Other enterpr Category I paddy straw mushroom Akola mini dal mill I Oyster Mushroom RTS from mango Button mushroom	demonstrated	Farmer	units	Demons	Check	parameter	Demons	Check	Gross	Gross	Net Roturn	** DCD	Gross	Gross	Net Boturn	** PCD
	Management			Ration			Tation		COSt	Return	Return	DCK	Cost	Return	Return	DCK
	of paddy straw															
	mushroom															
	beds during															
paddy straw	summer	10	10													
mushroom	season	10	10													
	Demonstration															
	of Akola mini															
	dal mill for															
	processing of															
	income															
Akola mini	generation of															
dal mill	farm women	10	10													
	Demonstration															
	of low cost															
	technology for															
	drying of															
Oyster	Oyster	10	10													
Mushroom	Mushroom															
	Demonstration															
	of PTS from															
RTS from	mango for															
mango	income	10	10													
Button	generation of	10	10													
mushroom	farm women															
	Mechanical													1		
	method of															
	processing of	~	-													
Char seed	char seed	5	5													
	Production															
	potential															
	(molasses) of															
	date palm															
	plant	5	5													
Palm plant		1			1		1	1	1	1		1	1		1	1

										39
Mango	Preparation of mango split by pit method	5	5							
Taro	Enhancing production of taro by application of neemcake	5	5							
Vermicompost										
Sericulture									 	
Apiculture										
	Total	60	60							

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

Women empowerment

Catagory	Nome of technology	No. of domonstrations	Observat	ions	Domonica
Category	Name of technology	No. of demonstrations	Demonstration	Check	Kemarks
Farm Women	Management of paddy straw mushroom beds	10			
	during summer season				
	Demonstration of Akola mini dal mill for	10			
	processing of pigeon pea for income				
	generation of farm women				
	Demonstration of low cost technology for	10			
	drying of Oyster Mushroom				
	Demonstration on preparation of RTS from	10			
	mango for income generation of farm women				
Pregnant women					
Adolescent Girl					
Other women					
Children					
Neonatal					
Infants					

Farm implements and machinery

Name of the	Crop	Name of the technology	No. of	Area	Filed obs (output/m	ervation an hour)	% change in major	La	bor reductio	on (man day	vs)	Cost red	luction (Rs./	/ha or Rs./U	Jnit)
implement	Crop	demonstrated	Farmer	(ha)	Demons ration	Check	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) / 1	major pai	rameter	Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (pl.specify)										
Total										
Oilseeds										
Castor										
Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (pl.specify)										

Fotal					
Pulses					
Greengram					
Blackgram					
Bengalgram					
Redgram					
Others (pl.specify)					
Total					
Vegetable crops					
Bottle gourd					
Capsicum					
Cucumber					
Fomato					
Brinjal					
Dkra					
Onion					
Potato					
Field bean					
Others (pl.specify)					
Fotal					
Commercial crops					
Cotton					
Coconut					
Others (pl.specify)					
Fotal					
Fodder crops					
Napier (Fodder)					
Maize (Fodder)					
Sorghum (Fodder)					
Others (pl.specify)					
Total					

Technical Feedback on the demonstrated technologies

Sl. No	Сгор	Feed Back
1		
2		
3		
4		
5		
6		

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities	Number of	Remarks
SI.INU.	Activity		organized	participants	
1.	Field days		6	300	
2.	Farmers Training		22	520	
3.	Media coverage		5	125	
4.	Training for extension				
	functionaries				

Performance of the demonstration under CFLD on Pulse and Oilseed Crops during Kharif2017 and Rabi 2017-18:

A. Technical Parameters:

S1.	Crop	Existing	Existi	Yiel	Yield gap (Kg/ha)		Name of Variety +	Number	Area	Yield	obtained	(q/ha)	Yiel	d gap mini	imized
No.	demonstrated	(Farmer's)	ng		w.r.to		Technology	of	in ha					(%)	
		variety name	yield (q/ha)	Distri	State	Potent	Demonstrated	farmers							
			(1)	ct yield	(S)	ial vield				Max.	Min.	Av.	D	S	Р
				(D)	. /	(P)									

									43
	Groundnut	AK-12-	Kadri-6+ Seed treatment	50	20				
1	Kharif-2018	24	with vitavax power 2gm						
			/ kg seeds, line sowing						
2	Sesamum	Local	Amrit+Improved seeds,	50	20				
	Kharif-2018		Use of multi neemore @						
			2ml/lt, Release of						
			Trichogramachilonis @						
			50,000 eggs/ha and						
			spraying of						
			prophenophos+cypermethr						
			in @ 2ml/lt.				-		
3	Pigeonpea	Local	Improved seeds(BRG-4),	50	20				
	Kharif-2018		Installation of Pheromone						
			traps@ 20/na ,spraying of						
			multi neemore @2mi/it,						
			trichogramoshilonia 50,000						
			age/ba and spraving of						
			prophenophos+						
			cypermethrin @ 2ml/lt						
4	Groundnut	AK-12-	Improved seeds(KADRI-	50	20				
•	Dabi 2018 10	24	6), Seed treatment with	50	20				
	KaUI 2010-19	24	vitavax power @2gm/kg						
			seed and Line sowing,						
			spraying of						
			Prophenophos+cypermeth						
			rin @ 2ml/lt for controll of						
			Leaf eating caterpillars.						

									44	
5	Mustard	Local		Improved seeds						1
	Rabi 2018-19			Installation of pheromone						
				traps for diamond back						
				moth @ 20 traps/ha, use						
				of Multineem 5ml/lt						
				,Spraying of						
				Profenophoscypermethrin						
				@ 2ml/lt of water for DBM						
				, spraying of						
				carbendazimMancozeb						
				2gm/lt (saff) & Spraying of						
				thiamethoxam @ 1gm/4						
				litre of water for aphids						_
6	Blackgram	Local		Improved seeds(PU-31),	50	20				
	Rabi 2018-19			seed treatment with						
				Rhizobium						
				culture@20gm/Kg Seed,						
				& installation of Yellow						
				stickytrap@50 traps/Ha						
				& Spraying of Neem						
				based Pesticides						
				@5ml/Lt of Water.						

B. Economic parameters

S1.	Variety demonstrated &		Farmer's Exis	ting plot		Demonstration plot					
No.	Technology demonstrated										
		Gross Cost	Gross return	Net Return	B:C	Gross Gross return Net Return					
		(Rs/ha)	(Rs/ha)	(Rs/ha)	Ratio	Cost	(Rs/ha)	(Rs/ha)	ratio		
						(Rs/ha)					

				45

C. Socio-economic impact parameters

S1.	Crop and variety	Total Produce	Produce sold	Selling	Produce used	Produce	Purpose for which	Employment
No.	Demonstrated	Obtained (kg)	(Kg/household)	Rate	for own	distributed to	income gained was	Generated
				(Rs/Kg)	sowing (Kg)	other farmers	utilized	(Mandays/house
						(Kg)		hold)
1								
2								

D. Oilseed Farmers' perception of the intervention demonstrated

S1.	Technologies demonstrated		Farmers' Perception parameters												
No.	(with name)														
		Suitability to their	Likings	Affordability	Any	Is Technology	Suggestions, for								
		farming system	(Preference)		negative	acceptable to	change/improvem								
					effect	all in the	ent, if any								
						group/village									

E. Specific Characteristics of Technology and Performance

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

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.			
2			

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

H. Farmers' training photographs

I. Quality ActionPhotographs of field visits/field days and technology demonstrated

J. Details of budget utilization

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

K. List of Farmer under FLD (Crop wise)

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 Participants								Grand Total			
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	М	F	Т	М	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													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													

Thematic Area	No. of				No. of	Participa	nts				Grand T	otal	_
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	М	F	Т	М	F	Т
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													
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													

Thematic Area	No. of				No. of	Participa	nts				Grand T		
	Courses		Other			SĈ			ST				
		М	F	Т	М	F	Т	М	F	Т	М	F	Т
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and													
nutrition gardening													
Design and development of low/minimum cost diet	1												25
Designing and development for high nutrient efficiency	1												25
diet	1												
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs	1												25
Storage loss minimization techniques	1												25
Enterprise development	2												50
Value addition	1												25
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and													
implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													

Thematic Area	No. of		Grand T	`otal									
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	М	F	Т	М	F	Т
Integrated Disease Management													
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	02												50
Fish feed preparation & its application to fish pond, like	01												25
nursery, rearing & stocking pond	01												20
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													
Management of pond in winter season													
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													

													51
Thematic Area	No. of				No. of	Participa	nts				Grand T	otal	
	Courses		Other			SC			ST				
		М	F	Т	Μ	F	Т	М	F	Т	М	F	Т
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies	3												75
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	13												325

B) Rural Youth (on campus)

Thematic Area	No. of				No. of	Participa	nts				Grand 7	ſotal	
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	М	F	Т	М	F	Т
Mushroom Production	1												15
Bee-keeping	1												10
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops	1												15
Commercial fruit production													
Repair and maintenance of farm machinery and													
implements													
Nursery Management of Horticulture crops	1												15
Training and pruning of orchards													
Value addition	1												15
Production of quality animal products													

Thematic Area	No. of				No. of	Participa	nts				Grand T	`otal	
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	Μ	F	Т	М	F	Т
Dairying													
Sheep and goat rearing													
Quail farming	1												15
Piggery													
Rabbit farming													1
Poultry production	1												15
Ornamental fisheries	01												15
Enterprise development	1												15
Para vets													1
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													1
Pearl culture													1
Cold water fisheries													
Fish harvest and processing technology													1
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													+
IPM, IDM, Bio Controll,Nursery management and Production technologies	4												60
Other, Fertiliser management	1												15
TOTAL	14												205

C) Extension Personnel (on campus)

Thematic Area	No. of				No. of	Participa	nts				Grand	Fotal	
	Courses		Other			SC			ST				
		М	F	Т	Μ	F	Т	М	F	Т	М	F	Т
Productivity enhancement in field crops													
Value addition													
Integrated Pest Management	2												30
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	2												30
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	1												15
Recent advances in aquaculture technique	01												15
Culture of amur carp in composite pisciculture	01												15
Total	7												105
D) Farmers and farm women (off campus)		I						1				- 1	-
Thematic Area	No. of				No. of	Participan	ts				Grand T	otal	
	Courses		Other			SC			ST			-	
		М	F	Т	Μ	F	Т	М	F	Т	М	F	Т

Thematic Area	No. of				No. of	Participa	nts				Grand T	otal	
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	М	F	Т	М	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			1				İ	1			İ		
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	4												100
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops	1												25
Off-season vegetables	1												25
Nursery raising	1												25
Export potential vegetables	_												
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)	1												25
Others, if any (Cultivation of Vegetable)	-												
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards	1												25
Rejuvenation of old orchards	-							1					
Export potential fruits								1					
Micro irrigation systems of orchards								1					
Plant propagation techniques								1					
Others if any(INM)					1			+				1	+
c) Ornamental Plants								<u> </u>					

Thematic Area	No. of				No. of	Participa	nts				Grand T	otal	
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	М	F	Т	М	F	
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants	1												10
Others, if any ICM	1												25
1) 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													
) 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													
II. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
V. Livestock Production and Management								1					
Dairy Management	2												50
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management	3						İ				İ		75

Thematic Area	No. of				No. of	Participa	nts				Grand T	otal	
	Courses		Other			SC			ST				
		Μ	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
Feed management	6												150
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and	1												25
nutrition gardening	1												23
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency													
diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques	2												50
Enterprise development													
Value addition	1												25
Income generation activities for empowerment of rural	1												25
Women	1												
Location specific drudgery reduction technologies	1												25
Rural Crafts													
Capacity building													
Women and child care	1												25
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and													
implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management	1												25
Integrated Disease Management	1												25
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides			1										
Others, if any(Integrated Pest & disease management)	9												225
VIII. Fisheries													
Integrated fish farming													

Thematic Area	No. of				No. of	Participa	nts				Grand T	'otal	
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	Μ	F	Т	М	F	Т
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease	05												125
Fish feed preparation & its application to fish pond, like	01												24
nursery, rearing & stocking pond	01												۷.
Hatchery management and culture of freshwater prawn	01												25
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues	1												
Others, if any					1						İ	1	
XI Agro-forestry			1					1			İ	1	
Production technologies	2				1		1	1		1		1	50

													20
Thematic Area	No. of				No. of	Participa	nts				Grand T	otal	
	Courses		Other			SC			ST				
		М	F	Т	Μ	F	Т	М	F	Т	М	F	Т
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	49												1225

E)RURAL YOUTH (Off Campus)

Thematic Area	No. of				No. of Pa	articipan	its				Grand Tot	al	
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	М	F	Т	М	F	Т
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													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													

													59
Thematic Area	No. of				No. of P	articipar	nts				Grand To	tal	
	Courses		Other			SC			ST				
		М	F	Т	Μ	F	Т	Μ	F	Т	М	F	Т
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	01												15
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Capacity building													
Others, if any(IPM)													
TOTAL	1												15

F) Extension Personnel (Off Campus)

Thematic Area	No. of				No. of Pa	articipan	ts				Grand Tot	al	
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	М	F	Т	Μ	F	Т
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													

													60
Thematic Area	No. of				No. of Pa	articipan	ts				Grand Tot	al	
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	M	F	Т	М	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													
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

Courses		Other										
		Other			SC			ST				
	Μ	F	Т	М	F	Т	М	F	Т	М	F	Т
				Image: Constraint of the second se	Image: state stat	Image: select	Image: state stat	Image: state stat	Image: state s	Image: state of the state of	Image: selection of the	Image: state of the state of

Thematic Area	No. of				No. of Pa	articipants	s				Grand T	otal	
	Courses		Other	-		SC			ST				
		М	F	Т	М	F	Т	М	F	Т	М	F	Т
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	4												100
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops	1												25
Off-season vegetables													25
Nursery raising	1												25
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	1												25
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management	1												25
Management of potted plants	-												
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants										1			
Others, if any													
TOTAL													
d) Plantation crons			1				1				+	1	
u) i minuton crops			1	1	1		1	1		I	1	1	

Thematic Area	No. of				No. of P	articipants	8				Grand T	otal	
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	М	F	Т	М	F	Т
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology	1												25
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management	2												50
Poultry Management	l l												
Piggery Management													
Rabbit Management													
Disease Management	3												75
Feed management	6							1					150

Thematic Area	No. of				No. of P	articipant	s				Grand T	otal	
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	М	F	Т	М	F	Т
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and	1												25
nutrition gardening	1												23
Design and development of low/minimum cost diet	1												25
Designing and development for high nutrient efficiency	1												25
diet	1												
Minimization of nutrient loss in processing	1												25
Gender mainstreaming through SHGs	1												25
Storage loss minimization techniques	2												50
Enterprise development	1												25
Value addition	3												75
Income generation activities for empowerment of rural	1												25
Women	1												
Location specific drudgery reduction technologies	1												25
Rural Crafts													
Capacity building													
Women and child care	1												25
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	1												25
Integrated Disease Management	1												25
Bio-control of pests and diseases													1
Production of bio control agents and bio pesticides													1
Others, if any(IPDM)	9												225

Thematic Area	No. of				No. of Pa	articipants	S				Grand T	otal	
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	М	F	Т	М	F	Т
TOTAL													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease	07												175
Fish feed preparation & its application to fish pond, like	02												50
nursery, rearing & stocking pond	01		_	-	-		-						- 25
Hatchery management and culture of freshwater prawn	01												25
Breeding and culture of ornamental fishes													<u> </u>
Portable plastic carp hatchery													<u> </u>
Pen culture of fish and prawn													<u> </u>
Shrimp farming													<u> </u>
Edible oyster farming													<u> </u>
Pearl culture													4
Fish processing and value addition													4
Others, if any(Intercropping of Java punti along with IMC)													
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													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL								1			1		1
X. Capacity Building and Group Dynamics								1			1		1
Leadership development							1	1			1		1
Group dynamics							1						
Formation and Management of SHGs							1	1			1	1	1

													65
Thematic Area	No. of				No. of F	Participants	5				Grand T	otal	
	Courses		Other			SC			ST				
		М	F	Т	М	F	Т	Μ	F	Т	М	F	Т
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies	5												125
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL	60												1500

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses				No.	of Particip	oants				Grand Tot	al	
			Other			SC			ST				
		М	F	Т	М	F	Т	М	F	Т	М	F	Т
Mushroom Production													
Bee-keeping	1												10
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable	1												15
crops	1												
Commercial fruit production													
Repair and maintenance of farm													
machinery and implements													
Nursery Management of													
Horticulture crops													

Thematic Area	No. of Courses				No.	of Particip	ants				Grand Tota	ıl	
			Other			SC			ST				
		М	F	Т	М	F	Т	М	F	Т	М	F	Т
Training and pruning of orchards													
Value addition	1												15
Production of quality animal													
products													
Dairying													
Sheep and goat rearing													
Quail farming	1												15
Piggery													
Rabbit farming													
Poultry production	1												15
Ornamental fisheries	01												15
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	01												15
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development	1				1								15
Others if any (IPM &													60
IDM), Nursery management and	4												
production technology													
Others, Liquid Fertiliser	1												15
Management	1												
TOTAL	13												190

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses				No.	of Particip	oants				Grand Tot	al	
			Other			SC			ST				
		М	Other M F T			F	Т	М	F	Т	М	F	Т
			Other M F T										

							67
Productivity enhancement in field crops							
Integrated Pest Management	2						30
Integrated Nutrient management							
Rejuvenation of old orchards							
Value addition	3						45
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	2						30
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	1						15
Crop intensification							
Others if any(use of low costfarm made feed for fish							

							68
Use different type of probiotic in							
pisciculture							
Recent advances in aquaculture	01						15
technique							
Culture of amur carp in	01						15
composite pisciculture							
Ornamental Plants	1						15
TOTAL	11						175

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	N	umber of parti	cipants	Number	of SC/ST	
			5	1 /	Male	Female	Total	Male	Female	Total
Fishery	F/FW	Prestocking management in nursery and grow out tank	01	Off						25
	F/FW	Feed management in grow out culture system	01	OFF						25
	F/FW	Prestocking management in nursery and grow out tank	01	ON						25
	F/FW	Post stocking management in nursery and grow out tank	01	OFF						25
	F/FW	Use of farm made fish feed by utilizing locally available raw material	01	ON						25
	F/FW	Fish disease and their management	01	OFF						25
	F/FW	Culture of amur carp along with IMC	02	OFF						50
	F/FW	Multiple cropping pattern in pisciculture	01	OFF						25
	F/FW	Use of different chemicals in pisciculture tank	01	ON						25
	F/FW	Fish cum prawn culture	01	OFF						25
	RY	Year round sustainable yearling production technique	01	OFF						15
	RY	Ornamental fish production	01	ON						15
	IS	Recent advances in aquaculture technique	01	ON						15
	IS	Culture of amur carp in	01	ON						15

		composite pisciculture				
Animal science	F & FW	Fodder cultivation strategies for cost effective milk production	2	Off		50
	F & FW	Information on different backyard poultry breeds	1	Off		25
	F & FW	Clean milk production	1	Off		25
	F & FW	Importance of bypass fat feed supplement in the feed of dairy cattle	1	Off		25
	F & FW	Importance of livestock insurance	1	Off		25
	F & FW	Importance of micronutrient lick block on performance of animals	1	Off		25
	F & FW	Importance of mineral mixture in the livestock	1	Off		25
	F & FW	Importance of feeding concentrate feed in goats and sheeps	1	Off		25
	F & FW	First aid management in animas	1	Off		25
	F & FW	Importance of feeding of periparturient concentrate feed in pregnant does	1	Off		25
	F & FW	Importance of control of ecto and endo parasitic infestations in small ruminants	1	Off		25
	RY	Quail farming for income generation	1	On		15
	RY	Scientific rearing practices in backyard poultry production	1	On		15
	IS	Importance of postmortem findings for better livestock farming	1	On		15
	IS	Ethnoveterinary practices in veterinary medicine	1	On		15
ome Science	F/FW	Climate resilient technology for mushroom production	1	Off		25

F/FW	User friendly	1				25
	approaches for		Off			
	assessing household		OII			
	nutrition security					
F/FW	Low cost preservation	1	On			25
	methods of mushroom					
F/FW	Market demand led	1	On			25
	products of mango		011			
F/FW	Different strains of	1				25
	mushroom and their		On			
	preservation					
F/FW	Awareness on	1				25
	preparation of		Off			
	beverages from aloevera					
E/EW/		1				25
Γ/Γ W	Better management	1				2.5
	food grains at village		Off			
	level		OII			
	level					
F/FW	Popularizing gender	1				25
	friendly farm					
	implements		On			
	1					
IS	Occupational safety and	1				15
	drudgery reduction of		On			
	farm women					
F/FW	Safe storage of food	1	Of			25
	grains		01			
F/FW	Value added products of	2	Off			50
	cashew apple		011			
F/FW	Promoting good	1				25
	agricultural practices for		Off			
	drudgery reduction of		011			
	farm women					

	RY	Rural youth and start up	1				15
		in village farm enterprises		On			
	RY	Farmer producer group involving farm women	1	On			15
	F/FW	Design and development of low cost diet	1	On			25
	F/FW	Design and development of high nutrient efficiency diet	1	On			25
Plant Protection	F/FW	Management of blast, sheath blight & BLB disease in Paddy	1	Off			25
	F/FW	Integrated Pest & disease management in Tuber crops	1	Off			25
	F/FW	Integrated Pest Management in Paddy	1	Off			25
	F/FW	Integrated Pest & Disease Management in mango	1	Off			25
	F/FW	Identification and management of different pest and disease in groundnut	2	Off			50
	F/FW	Integrated pest & disease management in Arhar	1	Off			25
	F/FW	Identification and management of different pest and disease in sesamum	1	Off			25
	F/FW	Important pest and	1	Off			25

							I	/2
		disease of solanaceous						
		crops, their						
		identification and						
		Imanagement practice	1	Off				25
		Important pest and	1	OII				23
	F/FW	disease management in						
	E/EW	cucurbitaceous crop	1	Off	 			25
	F/FW	Integrated Pest &	1	Off				25
		Disease Management in						
	E/EW	sugarcane	1	Off				25
	F/FW	Integrated Pest &	1	OII				25
		Disease Management in						
		Blackgram	1					15
		Impact of climate	1					15
	IS	change on different		On				
		insect pest of major						
		Lies of new concention	1					15
		Use of new generation	1					13
	IS	insecticides for		On				
		management of insect,						
		Use of biomeeticides in	1					15
	RY	Use of biopesticides in	1	On				15
		Emerging pagts of	1					15
		importance and their	1					15
	RY	management		On				
		management						
Horticulture	F/FW	Cultivation practices of	1	Off				25
	1/1 \	Tuber crop		011				
		Post harvest	1	Off				25
	F/FW	management of Mango						
		& Cashew						
	F/FW	Production technology	1	Off				25
		of improved Brinjal						
		variety						
	F/FW	Production technology	1	Off				25
		of Kharif Onion cultivation						
---------	------	--	---	-----	--	----		
	F/FW	Integrated nutrient management in Tomato	1	Off		25		
	F/FW	Integrated nutrient management in Banana	2	Off		50		
	RY	High tech vegetable Nursery Management	1	On		15		
	F/FW	Production technology of Broccoli cultivation	1	Off		25		
	F/FW	Cultivation practices in Cucurbitaceous Crop	1	Off		25		
	F/FW	Production technology of Hyv chili	1	Off		25		
	F/FW	Production Technology of Minor Fruits	1	Off		25		
	F/FW	Integrated crop Management of marigold	1	Off		25		
	F/FW	Integrated nutrient management for off season cabbage cultivation	1	Off		25		
	RY	Use of liquid fertilizer for management of production of different horticulture crops	1	On		15		
	IS	Propagation techniques of Ornamental Plants	1	On		15		
orestry	F/FW	Extraction of fibre and flosses from some plants	1	Off		25		
	F/FW	Extraction of tan and dye from some plants	1	On		25		
	F/FW	Technique of extraction of kutch and katha	1	On		25		
	F/FW	Coppicing,pollarding,topping and lopping technique for	1	Off		25		

						74
	planted trees and shrub					
F/FW	Value addition of jackfruit for vegetables	2	On			50
F/FW	Inventory of drugs, poisons, insecticide and spices from plants	1	On			25
RY	Tree borne oil seeds and their uses	1	On			15
RY	Seed treatment of different species	1	On			15
RY	Preparation of chironji	1	On			15
IS	Fertilizer and pesticide application technique for herb, shrub and trees	1	On			15
IS	Extraction of essential oil from some grasses, herb, shrub and trees	1	On			15
IS	Physical properties of some woods	1	On			15

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop /	Identified	Training title*	Duration	n No. of Participants				Self employed afte	er training	Number of persons employed else where
Enterprise	Area	I raining title."	(days)	Male	Female	Total	Type of units	Number of units	Number of persons employed	
Fish	Carp breeding and hatchery manage ment	Seed production through portable carp hatchery	05			10				
Fodder	Lack of sufficient green fodder	Silage making from conventional fodder	5			10				
Enterpri	Doubling	RY	5			10				

							75
se	househol d income through value chain focused mushroo m producti on						
Enterpri se	Bee keeping & their manage ment	Bee Keeping	5		10		
Tomato	ICM	Seed Production technology	5		10		
Medicin al & Aromati c Plants	ICM	Use of local available medicinal Aromatic Plants	5		10		
Differen t plants	NWFP	Utility of sap, latex,gum,mucila ge,resin, oleoresin, and gumoleoresin from different plants	5		10		

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

S1.	Title	Thematic	Month	Duration (days)	Clien t	No. of				N	o. of Parti	cipants					Sponsoring
No	The	area			PF/R	courses		Male			Female			Tota	1		Agency
					Y/EF		Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.																	
2.																	
3.																	
4																	

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

	No. of			Farmer	s	E	xtension Offici	als		Total	
Nature of Extension Activity	activities	М	F	Т	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	6										300
KisanMela											
KisanGhosthi	5										100
Exhibition	5										500
Film Show	6										300
Method Demonstrations	9										65
Farmers Seminar	0										
Workshop	0										
Group meetings	40										800
Lectures delivered as resource persons	40										1000
Advisory Services	1										57192
Scientific visit to farmers field	1150										28750
Farmers visit to KVK	1500										1500
Diagnostic visits	35	T									155

						77
Exposure visits	2					40
Ex-trainees Sammelan	7					175
Soil health Camp	0					
Animal Health Camp	0					
Agri mobile clinic	0					
Soil test campaigns	0					
Farm Science Club Conveners meet	0					
Self Help Group Conveners meetings	5					50
MahilaMandals Conveners meetings	1					20
Celebration of important days World food day Agricultural education day Jai kisan jai vigyan Krishi unnati mela World soil day	5					550
Sankalp Se Siddhi						
Swatchta Hi Sewa						
MahilaKisan Divas	1					25
Any Other (Specify)						
Total	2818					91522

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	40
Radio talks	13
TV talks	4
Popular articles	8
Extension Literature	5
Other, if any	-

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

Сгор	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided
Paddy		200q		
sesame		4q		
Grand Total		204q		

Production of planting materials by the KVKs

Сгор	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided
Vegetable seedlings		· · · ·		
Cauliflower	Pusa snowball	640		
Cabbage	Kamya	1000		
Tomato	Arka Rakshyak	12660		
Brinjal	Utkal, S-2	4910		
Chilli	Utkal Ava	9000		
Onion	Bhima dark red	300000		
Drumstick	Bhagya	1200		
Fruits				
Mango				
Guava				
Lime				

			79	
Рарауа	Pusa Nanha	2020		
Banana				
Others				
Ornamental plants	Marigold(Pusa narangi)	8000		
Medicinal and Aromatic				
Plantation				
Spices				
Turmeric				
Tuber				
Elephant yams				
Fodder crop saplings				
Forest Species		565		
Others, pl.specify				
Total		340000		

Production of Bio-Products

	Quantity		
Name of product	Kg	Value (Rs.)	No. of Farmers benefitted
Bio-fertilizers(Vermi compost)	3000		
Bio-pesticide			
Bio-fungicide			
Bio-agents			
Others, please specify.			
Total			

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted
Dairy animals				
Cows				
Buffaloes				
Calves				

		80
Others (Pl. specify)		
Small ruminants		
Sheep		
Goat		
Other, please specify		
Poultry	1400	
Broilers		
Layers		
Duals (broiler and layer)	1200	
Japanese Quail	200	
Turkey		
Emu		
Ducks		
Others (Pl. specify)		
Piggery		
Piglet		
Others (Pl. specify)		
Fisheries		
Indian carp		
Exotic carp		
Mixed carp		
Fish fingerlings		
Spawn		
Others (Pl. specify)		
Grand Total	1400	

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 2017						
Rabi 2017-18						
Summer/Spring 2018						

iii) Financial Progress

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

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

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

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.					
2.					

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

Name of farmer	
Address	
Contact details (Phone, mobile, email Id)	
Landholding (in ha.)	

	83
Name and description of the farm/ enterprise	
Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	

- 3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year
- 3.9. a. Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

S1. 1	No.	Crop / Enterprise	ITK Practiced	Purpose of ITK

b. Give details of organic farming practiced by the farmer

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

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

3.11. a. Details of equipment available inSoiland Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.

3.11.b. Details of samples analyzed so far

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

:

3.11.c. Details on World Soil Day

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

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

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

3.13. Technology week celebration

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

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

No of student trained	No of days stayed	

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit

4. IMPACT

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

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

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

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

Horizontal spread of technologies					
Technology	Horizontal spread				

Give information in the same format as in case studies

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

4.4. Details of innovations recorded by the KVK

		8
Thematic area		
Name of the Innovation		
Details of Innovator		
Back ground of innovation		
Technology details		
Practical utility of innovation		

4.5. Details of entrepreneurship development

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

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage

5.2. List of special programmes undertaken during 2017-18by 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)

SI No	Nome of dame Unit	Year of	Area(Sq.	Details of	production		Amoun	nt (Rs.)	Domonico
SI. INO.	Iname of demo Unit	estt.	mt)	Variety/breed	Produce	Qty.	Cost of inputs	Gross income	Remarks
1.	Poly house	2010-11			Seedling	3435	57462	124858	
					and	35			
					sappling				
2.	Vermi Compost				Vermi	1710	12800	17100	
					Compost	kg			
3.	Mushroom			VolvariaVolvacea and	Mushroom	342k	14830	21150	
				P. sajarcaju		g			
4	Poultry					967n	40952	51285	
						0.	10702	01200	
	Total								

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of (eq)	Date of $\underbrace{\widehat{\underline{R}}}_{\underline{P}}$ Details of production		Amount (Rs.)				
		harvest	harvest	Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	Remarks

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

SL.			Amou		
No.	No. Name of the Product Qty. (Kg)		Cost of inputs	Gross income	Remarks
1.	Vermi Compost	1710 kg	12800	17100	

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

S1.	Name]		A			
No	No of the animal / bird / aquatics		Type of Produce	Qty.	Cost of inputs	Gross income	Remarks
1.	Chicken	Vanaraja , Chabro, Kabveri	21 days old chicks	577	21123	30785	
2.	Quail	Japanese quail	11 weeks old	190	5548	9500	
3.	Duck	Khaki Campbell	21 days old ducklings	200	9281	11000	

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

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

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: No. of staffquarters:

Date of completion:

Occupancy details:

Months	QI	QII	Q III	QIV	QV	QVI
	-					

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Contigency	SBI,ADB,Dhenkanal	College Road, Dhenkanal	10700059409
Revolving Fund	SBI,ADB,Dhenkanal	College Road, Dhenkanal	30306531704

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

	Released by ICAR Expenditure				
Item	Kharif	Rabi	Kharif	Rabi	Unspent balance as on -
Oilseed	455000	307500	357729	366982	37789

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

	Released by ICAR		Expenditure		Unspont balance as on 1 st	
Item	Kharif	Rabi	Kharif	Rabi	April 2018	
Pulse	223800	70000	199450	199147	(-)67008(excess spent)	

7.4. Utilization of KVK funds during the year 2017-18(Not audited)

S 1				
No.	Particulars	Sanctioned	Released	Expenditure
A. Recur	ring Contingencies			
1	Pay & Allowances			
2	Traveling allowances	200000	150000	150000
3	Contingencies	1400000	1398800	1398800
Α	Telephone,Electric and others			257596
В	POL			151486
С	Meals and Training material			376721
D	FLD			145018
Ε	OFT			40350
F	Insurance			20250
G	Demo			333629
H	World Soil Day			73750
Ι				
J	Swatchta Expenditure			
	TOTAL (A)			
B. Non-F	Recurring Contingencies			
1		400000	400000	399602
2				
3				
4				
	TOTAL (B)			
C. REVO	DLVING FUND			
	GRAND TOTAL (A+B+C)			
		I	I	

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2015-16	24658	480495	327060	148447
2016-17	148447	370030	401604	0
2017-18	0	566542	158201	0

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

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

8. Other information

8.1. Prevalent diseases in Crops

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

8.2. Prevalent diseases in Livestock/Fishery

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

9.1. Nehru YuvaKendra(NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

9.3. mKisanPortal (National Farmers' Portal/ SMSPortal)

Type of message	No. of messages	No. of farmers covered
Сгор		
Livestock		
Fishery		
Weather		
Marketing		
Awareness		
Training information		
Other		
Total		

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	
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 Swacha Bharat Programme

Date 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		
 Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste 		
6. Used water for agriculture/ horticulture application		
7. Swachhta Awareness at local level		
8. Swachhta Workshops		
9. Swachhta Pledge		
10. Display and Banner		
11. Foster healthy competition		
12. Involvement of print and electronic media		
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)		

	(
14. No of Staff members involved in the activities	
15. No of VIP/VVIPs involved in the activities	
16. Any other specific activity (in details)	
Total	

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with SeemaSurakshaBal (BSF)

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school:

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

Give good quality 1-2 photograph(s)

9.9. Details of 'Sankalp Se Siddhi'Programme

Date of progra	No. of UnionNo. of Hon'ble MPsNo. of StateMinisters attended the programme(Loksabha/ Rajyasabha)Govt.	No. of State Govt. Ministers	Participants (No.)				Coverage by Door Darshan	Coverage by other channels				
mme		participated		MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total	(Yes/No)	(Number)

9.10. Details of Swachhta Hi Sewaprogramme organized

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

9.11. Details of MahilaKisan Divas programme organized

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

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise

9.13.HRDprogrammesattended by KVK person

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme

9.14. Revenue generation

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

9.15. Resource Generation:

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

9.16. Performance of Automatic Weather Station in KVK

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

9.17. 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:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 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 otherprogrammes (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 outcomeunder TSP during 2017-18

S1. No.	Description	Unit	Achievements
1	Change in family income	%	
2	Change in family consumption level	%	
3	Change in availability of agricultural	No. per	
	implements/ tools etc.	household	

d. Location and Beneficiary Details during 2017-18

District	Sub- district	No. of Village covered	Name of village(s) covered	S	ST population ben (No.)	efitted
				М	F	Т

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

Natural Resource Management

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

estock and fisheries Name of intervention undertaken	Number of animal covered	Number	of units	Area (ha)	No of far	mers	Remar	ks
vestock and fisheries Name of intervention undertaken	Number of animal covered	Number	of units	Area (ha)	No of fai	rmers	Remar	'ks
Name of intervention undertaken	Number of animal covered	Number	of units	Area (ha)	No of far	rmers	Remar	`ks
					benefit	ted		
stitutional interventions		(1)			1			
Name of intervention undertaken	o of units A	rea (ha)	No of 18	benefitted			Remarks	
upacity building								
The	ematic area			No. of	f Courses		No. of beneficiar	ies
						Males	Females	Total
tension activities	matia			NT.	o of		No of honoficiar	ias
Ine	ematic area				0.01	M_1	TNO. OF DEHEFICIAR	

Detailed report should be provided in the circulated Performa

13.Awards/Recognition received by the KVK

S1.	Module details	Area under IFS	Production	Cost of	Value realized in Rs.	No. of farmer adopted	% Change in adoption
No.	(Component-wise)	(ha)	(Commodity-	production in Rs.	(Commodity-wise)	practicing IFS	during the year
			wise)	(Component-			
				wise)			

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)

SI.	Name of the	Trust Deed No.&	Date of Trust Registration	Proposed Activity	Commodity	No. of	Financial	Success indicator
No.	organization/	date	Address		Identified	Members	position	
	Society						(Rupees in	
							lakh)	

16. Integrated Farming System (IFS)

Details of KVK Demo. Unit

17. Technologies for Doubling Farmers' Income

Sl. No.	Name	of the	Brief I	Details of	Net Ret	turn to	the	No. of farmers adopted	One high resolution
	Technology		Technology (3- 5 bullet		farmer (Rs.) per ha per			the technology in the	'Photo' in 'jpg' format
			points)		year du	ue to	the	district	for each technology
					technolog	gy			
1									
2									

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

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

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

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