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

1. GENERAL INFORMATION ABOUT THE KVK**, KANDHAMAL**

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Kandhamal At-Srirampada Po-G. Udayagiri Dist-Kandhamal Pin-762100 (Odisha)	06847-260707		kvkkandhamal.ouat@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Odisha University of Agriculture & Technology, Bhubaneswar	0674-2397362		deanextensionouat@yahoo.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Debasis Mishra	-	9438357962	demishra74@gmail.com

1.4. Year of sanction of KVK: 1993

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/ Temporary	Category (SC/ST/ OBC/ Others)
1	Senior Scientist& Head	Dr. Debasis Mishra	Sr. Scientist & Head	Plant Pathology	15600-39100 (AGP 8000)/ 3230-8000	01.01.2010	Permanent	Other
2	Subject Matter Specialist	Dr. Sidhartha Kar	Scientist	Horticulture	15600-39100 (AGP 6000)/ 23070-6000	01.10.2009	Permanent	Other
3	Subject Matter Specialist	Sri Sujit Kumar Mukhi	Scientist	Soil Science	15600-39100 (AGP 6000)/ 23070-6000	23.10.2009	Permanent	Other
4	Subject Matter Specialist	Ms Sripali Pradhan	SMS	Agronomy	15600-39100 (AGP 5400)/ 16230-5400	13.06.2018	Permanent	ST
5	Subject Matter Specialist	Ms Sanghamitra Biswal	SMS	Agricultural Engineering	15600-39100 (AGP 5400)/ 16230-5400	06.12.2018	Permanent	Other
6	Subject Matter Specialist	-	-	-	-	-	-	-
7	Subject Matter Specialist	-	-	-	-	-	-	-
8	Programme Assistant	Ms Sumitra Hembram	P.A. (Tech.)	Home Science	9300-34800 (GP 4200)/ 9710-4200	09.08.2018	Permanent	ST
9	Computer Programmer	Sri Raghunath Soren	P.A. (Computer)	Information & Technology	9300-34800 (GP 4200)/ 11010-4200	16.06.2015	Permanent	ST
10	Farm Manager	Ms Sushree Sibanee Sardar	Farm Manager	Plant Breeding & Genetics	9300-34800 (GP 4200)/ 9710-4200	08.02.2019	Permanent	Other
11	Accountant / Superintendent	-	-	-	-	-	-	-
12	Stenographer	Sri Pabitra Mohan Pradhan	Jr. Steno-cum-Computer Operator	-	5200-20200 (GP-2400)/	29.07.2015	Permanent	ST
13.	Driver	Sri Maheswar Pradhan	Driver-cum-Mechanic	-	5200-20200 (GP 1900)/	13.02.2014	Permanent	Other
14.	Driver	Sri Gopal Pradhan	Driver-cum-Mechanic	-	5200-20200 (GP 1900)/	20.07.2015	Permanent	ST
15.	Supporting staff	Sri Aparti Chhatoi	Peon-cum-Watchman	-	4440-7440 (GP 1300)/	28.07.2008	Permanent	Other
16.	Supporting staff	Sri Arjuni Charan Swain	Peon-cum-Watchman	-	4440-7440 (GP 1300)/	02.08.2008	Permanent	Other

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	0.28
2.	Under Demonstration Units	0.04
3.	Under Crops	6.76
4.	Orchard/Agro-forestry	2.86
5.	Others with details	
	RWHS/Agriculture	0.94
	Waste Land, Road	6.24
	Total	**17.12**

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building								
2.	Farmers Hostel								
3.	Staff Quarters (6)								
4.	Piggery unit								
5	Fencing								
6	Rain Water harvesting structure								
7	Threshing floor								
8	Farm godown								
9.	Dairy unit								
10.	Poultry unit								
11.	Goatary unit								
12.	Mushroom Lab								
13.	Mushroom production unit								

14.	Shade house								
15.	Soil test Lab								
16	Others,Please Specify								

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run (As on 28.05.2019)	Present status
Bolero (Mahindra Di Turbo)	2010-11	5,52,236	135210	Running
Tractor (Mahindra 475 DI – Bhumiputra)	2004-05	3,74,223	-	Running
Bike (Hero Honda Passion Pro)	2009-10	49,965.00	40478	Running

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Soil Testing Laboratory	2004-05	8,56,808.00	Working condition	ICAR
Mushroom Spawn Production Unit	2010-11	2,50,000.00	Working condition	RKVY
b. Farm machinery				
Agrimate power mist blower	2016-17	8,400	Working condition	ICAR
Hydraulic Trailer	2016-17	1,30,000	Working condition	ICAR
Land Leveller	2016-17	15,480	Working condition	ICAR
Hedge cutter	2016-17	15,835	Working condition	ICAR
Power Tiller	2016-17	1,93,000	Working condition	ICAR
c. AV Aids				
Ahuja Conference Audio System	2017	92,135	Functioning	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
MB plough	2016-17	25,000	Working condition	ICAR
Soil Auger	2016-17	48,300	Working condition	ICAR
Seed cum fertilizer drill	2016-17	55,000	Working condition	ICAR
Battery operated sprayer(2nos.)	2015-16	10,650	Working condition	ICAR
Cultivator	2006-07	5,630	Working condition	ICAR
Rotavator				

1.8. Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted, state reason
1.	22.12.2018	30	An organic crop cafeteria should be developed in the KVK campus showcasing all the components	Organic demo unit is under progress involving the installation of sub-units like Jeevamrit, Panchagavya and Waste-decomposer. Moreover, Turmeric, Vegetables and Paddy crops were grown organically in the campus this year for visiting farmers	
			A demo unit of farm pond with poly-lining or soil cementing method inside KVK campus should be developed for visiting farmers by taking the financial support of the watershed department	An Agri. Engg. Scientist has joined this year and subsequently the programme will be undertaken	
			A museum at KVK campus having all the small farm implements related to drudgery reduction should be developed	Equipments for drudgery reduction of farm women in agriculture were brought from ICAR-CIWA, Bhubaneswar and kept in the campus for the visiting farm women	
			A trial on raising seedlings of turmeric by using pro-tray method should be done at KVK campus as it reduces the bulkiness of planting materials	A trial was done accordingly and it was observed that, the crop establishment method has not performed well as compared to the regular planting method	
			KVK should raise and supply saplings of black	At the beginning of the season, KVK	

			pepper to forest department	has produced 350 nos. of black pepper saplings and supplied to KVK, Balasore & others and the process was standardized.	
			One oil extractor demo unit should be established inside the KVK campus	This year, the proposal was given for establishing Oil extraction, Dal processing and other value added product making units under VATICA project to the Directorate for consideration	
			KVK should validate the ITK technologies in the district by conducting some trials in different crops	This year the proposal for three numbers of OFTs based on ITKs will be planned for three major crops viz. Rice, Cauliflower and Raikia bean	
			KVK should provide 28 day old chicks of different dual purpose colour poultry birds for backyard rearing to the beneficiaries of the schemes under veterinary department	Already the poultry unit is functional and one technical person has joined. So this year onwards regular rearing of chicks will be there for different programme	
			KVK should facilitate to strengthen market linkages for enhancing the benefit and marketing efficiency for vegetable growers	KVK has prepared a project proposal for development of two numbers of FPOs in the district and sent it to the Directorate for vetting and onward transmission to RKVY for approval	
			As the district is full of forest area, sericulture need to be promoted	Case studies were made from G.Udayagiri block and subsequent discussions with District Sericulture Department is going on for needful interventions by the KVK	
			A publication on use and maintenance of small farm implements for drudgery reduction may be developed by the KVK	After joining of the scientists, the work is under progress	
			For strengthening production of vermi, KVK should impart training for developing vermin-hatcheries in the district	This year 15 nos. of trainings on vermicomposting were imparted under Krishi Kalyan Abhiyan and one ASCI 200 hrs training was finalized for 20 rural youths during January 2019. One booklet on "Commercial Vermicompost Production" was prepared by the KVK	
			An OFT on assessing the performance of early varieties of Arhar should be conducted	This year, the OFT will be designed as an Agronimist has joined us this year	

			Success story on black pepper should be documented and submitted to the ICAR-ATARI, Kolkata and DEE, OUAT	This year yield data is yet to be collected for finalizing the average yield data for 5 years. Soon the success story will be finalized and sent to the Directorates	
			Alternative income generation activities other than Mushroom and Poultry should be promoted by the KVK like value addition of locally available fruits, forest produces etc.	Trainings on cinnamon production, jackfruit chips making and preparation of Jaggery from Salap sap are being given this year in collaboration with various NGOs.	

** Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants

SAC PROCEEDING

Krishi Vigyan Kendra Kandhamal, G-Udayagiri welcomes all the respected members, special invitees and scientists to its 23rd Scientific Advisory Committee (SAC) meeting. This KVK is functioning since September, 1993 for Kandhamal district. The last 22nd Scientific Advisory Committee (SAC) meeting was held on 28.12.2017.

It is requested to the Chairman to invite suggestions, modification from the respected members and approve the proceedings of last Scientific Advisory Committee Meeting. The following valuable suggestions were given by Honorable members.

Salient recommendations & action taken report of last SAC meeting held on 28.12.2017

S.No.	Recommendations	Activities taken
1	An organic crop cafeteria should be developed in the KVK campus showcasing all the components	Organic demo unit is under progress involving the installation of sub-units like Jeevamrit, Panchagavya and Waste-decomposer. Moreover, Turmeric, Vegetables and Paddy crops were grown organically in the campus this year for visiting farmers
2	A demo unit of farm pond with poly-lining or soil cementing method inside KVK campus should be developed for visiting farmers by taking the financial support of the watershed department	An Agri. Engg. Scientist has joined this year and subsequently the programme will be undertaken
3	A museum at KVK campus having all the small farm implements related to drudgery reduction should be developed	Equipments for drudgery reduction of farm women in agriculture were brought from ICAR-CIWA, Bhubaneswar and kept in the campus for the visiting farm women
4	A trial on raising seedlings of turmeric by using pro-tray method should be done at KVK campus as it reduces the bulkiness of planting materials	A trial was done accordingly and it was observed that, the crop establishment method has not performed well as compared to the regular planting method
5	KVK should raise and supply saplings of black pepper to forest department	At the beginning of the season, KVK has produced 350 nos. of black pepper saplings and supplied to KVK, Balasore & others and the process was standardized.
6	One oil extractor demo unit should be established inside the KVK campus	This year, the proposal was given for establishing Oil extraction, Dal processing and other value added product making units under VATICA project to the Directorate for consideration
7	KVK should validate the ITK technologies in the district by conducting some trials in different crops	This year the proposal for three numbers of OFTs based on ITKs will be planned for three major crops viz. Rice, Cauliflower and Raikia bean
8	KVK should provide 28 day old chicks of different dual purpose colour poultry birds for backyard rearing to the beneficiaries of the schemes under veterinary department	Already the poultry unit is functional and one technical person has joined. So this year onwards regular rearing of chicks will be there for different programme
9	KVK should facilitate to strengthen market linkages for enhancing the benefit and marketing efficiency for vegetable growers	KVK has prepared a project proposal for development of two numbers of FPOs in the district and sent it to the Directorate for vetting and onward transmission to RKVY

		for approval
10	As the district is full of forest area, sericulture need to be promoted	Case studies were made from G.Udayagiri block and subsequent discussions with District Sericulture Department is going on for needful interventions by the KVK
11	A publication on use and maintenance of small farm implements for drudgery reduction may be developed by the KVK	After joining of the scientists, the work is under progress
12	For strengthening production of vermi, KVK should impart training for developing vermin-hatcheries in the district	This year 15 nos. of trainings on vermicomposting were imparted under Krishi Kalyan Abhiyan and one ASCI 200 hrs training was finalized for 20 rural youths during January 2019. One booklet on "Commercial Vermicompost Production" was prepared by the KVK
13	An OFT on assessing the performance of early varieties of Arhar should be conducted	This year, the OFT will be designed as an Agronimist has joined us this year
14	Success story on black pepper should be documented and submitted to the ICAR-ATARI, Kolkata and DEE, OUAT	This year yield data is yet to be collected for finalizing the average yield data for 5 years. Soon the success story will be finalized and sent to the Directorates
15	Alternative income generation activities other than Mushroom and Poultry should be promoted by the KVK like value addition of locally available fruits, forest produces etc.	Trainings on cinnamon production, jackfruit chips making and preparation of Jaggery from Salap sap are being given this year in collaboration with various NGOs.

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

<table>
<tr><th>Sl. no.</th><th>Item</th><th>Information</th></tr>
<tr><td>1</td><td>Major Farming system/enterprise</td><td>Rice-pulses, Vegetable-vegetable, Turmeric -fallow</td></tr>
<tr><td>2</td><td>Agro-climatic Zone</td><td>North-Eastern Ghat Zone</td></tr>
<tr><td>3</td><td>Agro ecological situation</td><td>• Brown Forest Soil, High rainfall (1300 to 1500 mm), High Elevation (500 to 1000 m), rained
• Red & Yellow Soil, Moderate rainfall (1100 to 1300 mm), Moderate Irrigation</td></tr>
<tr><td>4</td><td>Soil type</td><td>Red lateritic & yellowish brown forest soil</td></tr>
<tr><td>5</td><td>Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others</td><td><table><tr><th>Crop</th><th>Productivity (kg/ha)</th></tr><tr><td>Rice</td><td>2447</td></tr><tr><td>Maize</td><td>1706</td></tr><tr><td>Blackgram</td><td>242</td></tr><tr><td>Arhar</td><td>961</td></tr><tr><td>Field Pea</td><td>633</td></tr><tr><td>Groundnut</td><td>1507</td></tr><tr><td>Niger</td><td>312</td></tr><tr><td>Mustard</td><td>305</td></tr><tr><td>Turmeric</td><td>9710</td></tr><tr><td>Ginger</td><td>10526</td></tr><tr><td>Kulthi</td><td>358</td></tr><tr><td>Cabbage</td><td>18000</td></tr><tr><td>Tomato</td><td>20800</td></tr><tr><td>Potato</td><td>18500</td></tr></table></td></tr>
<tr><td>6</td><td>Mean yearly temperature, rainfall, humidity of the district</td><td>Mean yearly temperature – Min- 8° C and Max.- 38° C
Rainfall – 1427.9 mm
Humidity – 38 to 94 %</td></tr>
<tr><td>7</td><td>Production of major livestock products like milk, egg, meat etc.</td><td>Milk – 17.32 TMT
Eggs – 21.52 Million</td></tr>
</table>

		Broiler – 0.452 TMT Meat – 0.399 TMT

Note: Please give recent data only

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	G. Udayagiri	G. Udayagiri	Katadaganda Kilakia Gotamaha Dakedi Bearpanga	Turmeric, Paddy, Maize, Groundnut, Off-season Vegetables like Cauliflower & Tomato, Cabbage, Goatary, Poultry, Mushroom	Turmeric – Low yield due to application of lower dose of organic inputs and improper crop management practices Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	• Organic Farming • Weed Management • Soil Health & Fertility Management • Pest & Disease Management • Backyard Poultry and Animal Production • Non-land enterprises
2	Tikabali	Tikabali	Penala, Burbinaju, Paburia	Turmeric, Paddy, Maize, Groundnut, Off-season Vegetables like Cauliflower & Tomato, Cabbage, Goatary, Poultry, Mushroom	Turmeric – Low yield due to application of lower dose of organic inputs and improper crop management practices Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination	• Organic Farming • Weed Management • Soil Health & Fertility Management • Pest & Disease Management • Backyard Poultry and Animal Production • Non-land enterprises

					Mushroom – Low production due to traditional cultivation	
3	Raikia	Raikia	Raikia, Sugadabadi, Kambarikia	Paddy, Maize, Niger, Off-season Vegetables like Cauliflower & Tomato, Raikia Bean, Cabbage, Goatary, Poultry, Mushroom	Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Niger – Low yield due to inadequate nutrient management & heavy cuscutta infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	• Weed Management • Crop substitution • Fruit & Vegetable Cultivation • Soil Health & Fertility Management • Pest & Disease Management • Backyard Poultry and Animal Production • Non-land enterprises • Low Cost Production Techniques
4	K. Nuagaon	K. Nuagaon	Bandaguda, Gunjigaon, Gindapanga	Paddy, Maize, Niger, Off-season Vegetables like Cauliflower & Tomato, Raikia Bean, Cabbage, Goatary, Poultry, Mushroom	Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Niger – Low yield due to inadequate nutrient management & heavy cuscutta infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	• Weed Management • Crop substitution • Fruit & Vegetable Cultivation • Soil Health & Fertility Management • Pest & Disease Management • Backyard Poultry and Animal Production • Non-land enterprises • Low Cost Production

						Techniques
5	Daringibadi	Daringibadi	Ladamala, Daringibadi, Simanbadi	Turmeric, Ginger, Paddy, Maize, Niger, Groundnut, Off-season Vegetables like Cauliflower & Tomato, Cabbage, Goatary, Poultry, Mushroom	Turmeric – Low yield due to application of lower dose of organic inputs and improper crop management practices Ginger – Low yield due to rhizome rot Paddy – Heavy weed infestation Maize – Low yield due to soil acidity, inadequate nutrient management and cultivation of local degenerated varieties Groundnut – Heavy weed infestation Niger – Low yield due to inadequate nutrient management & heavy cuscutta infestation Vegetable- Low yield due to cultivation of local variety, inadequate nutrient management, soil acidity and heavy pest & disease incidence Goatary – Poor growth of goats due to local breed and improper feed management Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	• Organic Farming • Weed Management • Soil Health & Fertility Management • Pest & Disease Management • Backyard Poultry and Animal Production • Non-land enterprises • Marketing Awareness • Farm Mechanisation

2. c. Details of village adoption programme:

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

Name of village	Block	Action taken for development
Burbinaju	Tikabali	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments
Katadaganda	G. Udayagiri	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments
Bandaguda	K. Nuagaon	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments
Ladamala	Daringibadi	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments
Sugadabadi	Raikia	FLD, OFT, CFLD, Training, Soil Testing, Diagnostic Field Visit, Convergence programme with Line Departments

2.1 Priority thrust areas

S. No	Thrust area

1.	Dry land farming
2.	Crop substitution & cropping system
3.	Weed management
4.	Organic farming
5.	Soil health and fertility management
6.	Soil and water conservation
7.	Pest and disease management
8.	Bee-keeping improvement.
9.	Fruit and vegetable cultivation
10.	Spice crop cultivation
11.	Low cost production technique
12.	Process & value addition
13.	Safe storage
14.	Non land enterprises
15.	Backyard poultry and animal production
16.	Marketing awareness
17.	Agro forestry development
18.	Farm mechanization

3. TECHNICAL ACHIEVEMENTS

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

OFT												FLD										
No. of technologies tested:												No. of technologies demonstrated:										
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
04	04	20	01	01	17	01	0	0	18	02	20	10	10	119	02	02	95	20	0	0	97	22	119

Training												Extension activities										
Number of Courses		Number of Participants										Number of activities		Number of participants								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
48	23		M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
		1335	55	36	444	143	21	21	520	200	720	495		36380									

Impact of capacity building											Impact of Extension activities										
Number of Participants trained		Number of Trainees got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)									Number of Participants attended		Number of participants got employment (self/ wage/ entrepreneur/ engaged as skilled manpower)								
Target	Achievement	SC		ST		Others		Total			Target	Achievement	SC		ST		Others		Total		
		M	F	M	F	M	F	M	F	T			M	F	M	F	M	F	M	F	T

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

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

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication

Research paper							
Seminar/conference/ symposia papers							
Books	4	2000					
Bulletins							
News letter	3	1500					
Popular Articles	4	Mass					
Book Chapter							
Extension Pamphlets/ literature							
Technical reports	2	40					
Electronic Publication (CD/DVD etc)	1	05					
TOTAL							

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of integrated weed management in Groundnut
2.	Problem diagnosed	
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**TO_1** Pre emergence application of Pendimethalin @ 2.5 lit/ha (1kg a.i/ha) within 3 days of sowing & one hand weeding at 20 DAS **TO_2** Pre emergence application of Oxyfluorfen @ 1.0 lit/ha (200 g a.i./ha) within 3 days after sowing & one hand weeding at 20-25 DAS **TO_3** Post emergence application of Imazethapyr @ 750ml/ha at 20-30 days after sowing
4.	Source of Technology	OUAT-2015
5.	Production system and thematic area	IWM
6.	Performance of the Technology with performance indicators	Application of 75% STBFR through chemical fertilizers +25% STBFR through organic sources (FYM and Vermicompost)+ bio-inoculation with diazotrophs and PSB i.e. Azotobacter, Azospirillum and PSB @ 4 kg each per hectare) increases the yield of tomato by 37.1% over farmers practice
7.	Final recommendation for micro level situation	Application of 75% STBFR through chemical fertilizers +25% STBFR through organic sources (FYM and Vermicompost)+ bio-inoculation with diazotrophs and PSB i.e. Azotobacter, Azospirillum and PSB @ 4 kg each per hectare)
8.	Constraints identified and feedback for research	Bio-fertilizers were not available in the local market
9.	Process of farmers participation and their reaction	Farmers are happy due to higher yield and return and show their interest for adoption of the technology

Thematic area: Integrated Weed Management

Problem definition:

Technology assessed:

TO_1	Pre emergence application of Pendimethalin @ 2.5 lit/ha (1kg a.i/ha) within 3 days of sowing & one hand weeding at 20 DAS
TO_2	Pre emergence application of Oxyfluorfen @ 1.0 lit/ha (200 g a.i./ha) within 3 days after sowing & one hand weeding at 20-25 DAS
TO_3	Post emergence application of Imazethapyr @ 750ml/ha at 20-30 days after sowing

Table:

Technology option	No. of trials	Yield component		Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of fruits per plant	Plant height in cm						
Application of 75% STBFR through chemical fertilizers +25% STBFR through organic sources (FYM and Vermicompost)+ bio-inoculation with diazotrophs and PSB i.e. Azotobacter, Azospirillum and PSB @ 4 kg each per hectare)	5	40.4	67.2	-	343.2	68900	171600	102700	2.5

Results:

Result	**Yield (q/ha)**	**% change in Yield**	**Parameter (No. of Pod /plant)**	**Net Income (Rs./ha)**	**BC Ratio**
FP	9.6	-	10.2	17,360	1.7
TO_1	10.8	12.5	10.5	20,880	1.9
TO_2	11.5	19.8	11.1	23,320	2.1
TO_3	12.2	27.1	12.4	27,840	2.2

OFT-2

1.	Title of On farm Trial	Assessment of Integrated nutrient management in mustard
2.	Problem diagnosed	Low yield of mustard due to imbalanced nutrient application and non application of micronutrients
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**TO_1** Soil test based NPK application + FYM @ 2 t/ha **TO_2** TO_1 + Soil application of Zinc Sulphate @ 12.5 kg/ha as basal and two foliar sprays of Zinc Sulphate @ 0.2% at two active growth stages **TO_3** TO_2 + Soil application of borax @0.5 kg/ha and two foliar spray of borax @ 0.2 % at 15 days interval from 30 days after transplanting
4.	Source of Technology	OUAT-2014
5.	Production system and thematic area	INM
6.	Performance of the Technology with performance indicators	Application of 75% STBFR through chemical fertilizers +25% STBFR through organic sources (FYM and Vermicompost)+ bio-inoculation with diazotrophs and PSB i.e. Azotobacter, Azospirillum and PSB @ 4 kg each per hectare) increases the yield of tomato by 37.1% over farmers practice
7.	Final recommendation for micro level situation	Application of 75% STBFR through chemical fertilizers +25% STBFR through organic sources (FYM and Vermicompost)+ bio-inoculation with diazotrophs and PSB i.e. Azotobacter, Azospirillum and PSB @ 4 kg each per hectare)
8.	Constraints identified and feedback for research	Bio-fertilizers were not available in the local market
9.	Process of farmers participation and their reaction	Farmers are happy due to higher yield and return and show their interest for adoption of the technology

Thematic area: Integrated Nutrient Management

Problem definition: Low yield of mustard due to imbalanced nutrient application and non application of micronutrients

Technology assessed:

TO_1	Soil test based NPK application + FYM @ 2 t/ha
TO_2	TO_1 + Soil application of Zinc Sulphate @ 12.5 kg/ha as basal and two foliar sprays of Zinc Sulphate @ 0.2% at two active growth stages
TO_3	TO_2 + Soil application of borax @0.5 kg/ha and two foliar spray of borax @ 0.2 % at 15 days interval from 30 days after transplanting

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of siliqua per plant	No. of seed/ siliqua	Plant height in cm						
Application of $N:P_2O_5:K_2O$ @ 20.5:23:0 kg/ha and no use of micronutrients like boron and zinc	5	40.4		67.2	-	343.2	68900	171600	102700	2.5

Results:

Result	Yield (q/ha)	% change in Yield	Parameter (No. of siliqua /plant)	Net Income (Rs./ha)	BC Ratio
FP	4.9		192.5	9,200	1.6
TO_1	6.3	28.6	222.6	13,900	1.8
TO_2	7.2	46.9	278.1	17,400	1.9
TO_3	7.7	57.1	297.5	19,200	2.0

OFT-3

1.	Title of On farm Trial	Assessment of different potato varieties
2.	Problem diagnosed	
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**TO_1** Cultivation of Potato (var. Kufri Pokhraj) with soil test based fertilizer application **TO_2** Cultivation of Potato (var. Kufri Khyati) with soil test based fertilizer application **TO_3** Cultivation of Potato (var. Kufri Ashoka) with soil test based fertilizer application
4.	Source of Technology	OUAT-2014
5.	Production system and thematic area	INM
6.	Performance of the Technology with performance indicators	Application of 75% STBFR through chemical fertilizers +25% STBFR through organic sources (FYM and Vermicompost)+ bio-inoculation with diazotrophs and PSB i.e. Azotobacter, Azospirillum and PSB @ 4 kg each per hectare) increases the yield of tomato by 37.1% over farmers practice
7.	Final recommendation for micro level situation	Application of 75% STBFR through chemical fertilizers +25% STBFR through organic sources (FYM and Vermicompost)+ bio-inoculation with diazotrophs and PSB i.e. Azotobacter,

		Azospirillum and PSB @ 4 kg each per hectare)
8.	Constraints identified and feedback for research	Bio-fertilizers were not available in the local market
9.	Process of farmers participation and their reaction	Farmers are happy due to higher yield and return and show their interest for adoption of the technology

Thematic area: Integrated Nutrient Management

Problem definition:

Technology assessed:

TO_1	Cultivation of Potato (var. Kufri Pokhraj) with soil test based fertilizer application
TO_2	Cultivation of Potato (var. Kufri Khyati) with soil test based fertilizer application
TO_3	Cultivation of Potato (var. Kufri Ashoka) with soil test based fertilizer application

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of siliqua per plant	No. of seed/ siliqua	Plant height in cm						
Application of $N:P_2O_5:K_2O$ @ 20.5:23:0 kg/ha and no use of micronutrients like boron and zinc	5	40.4		67.2	-	343.2	68900	171600	102700	2.5

Results:

Result	Yield (q/ha)	% change in Yield	Parameter	Net Income (Rs./ha)	BC Ratio

			(No. of siliqua /plant)		
FP	194		1,19,000	2.4	194
TO_1	210	08.2	1,35,000	2.5	210
TO_2	182	- 06.2	1,07,000	2.2	182
TO_3	170	- 12.4	95,000	1.7	170

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.															
2.															
3.															
4.															

Details of farming situation

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

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Thematic Area	Name of the technology demonstrated	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase	*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demo	Check		Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Groundnut (Var. ICGV-91114)															
Niger (Var. Utkal Niger-150)															
Total															

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

Pulses

Frontline demonstration on pulse crops

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

	Total														

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Groundnut	INM	Application of lime @0.2 LR mixed with FYM @ 2 t/ha applied in the seed zone on the day of sowing + Soil test based fertilizer dose + boron as Solubor (20% B) @ 10 kg/ha and Sulphur @ 40 kg/ha applied at the time of sowing			12.2	9.6	27.1	No. of matured pods/plant 12.9 100 kernel weight(g) 41.3	No. of matured pods/plant 9.8 100 kernel weight(g) 36.8			26, 890	2.1			14, 520	1.7

Turmeric	INM	FYM 10 t/ha + mulching with dry sal leaves @ 12.5 t/ha + Bio-fertilizers : *Azotobacter*, *Azospirillum* and PSB each @ 4 kg/ha + Neem cake 0.5 t/ha at the time of planting			126.4	93.1	35.8	No. of fingers/plant 15.2 Single Culm Weight (g) 542.6	No. of fingers/plant 10.6 Single Culm Weight (g) 342.4			1, 16, 940	2.4			77, 060	2.1
Maize	INM	Application of lime @0.1 LR mixed with FYM @ 2 t/ha applied in the seed zone on the day of sowing + 75% of soil test based fertilizer application with Bio-fertilizers : *Azotobacter*, *Azospirillum* and PSB each @ 4 kg/ha			56.5	46.2	22.3	Cob length (cm) 19.4 No. of grains/ Cob 551.6	Cob length (cm) 15.6 No. of grains/ Cob 392.8			47, 450	2.3			35, 100	2.0
Gardenpea	INM	Application of lime @0.2 LR mixed with FYM @ 2 t/ha applied in the seed zone on the day of sowing. Sulphur @ 20 kg/ha and Boron @ 1 kg/ha applied at the time of sowing, one third dose of nitrogen and full dose of phosphorus and potassium applied at the time sowing and rest dose of nitrogen applied in two equal splits at 25 and 40 DAS			116.2	86.7	34.0	No. of matured pods/plant 21.4 No. of grains/ pod 8.9	No. of matured pods/plant 16.6 No. of grains/ pod 5.2			1, 49, 060	3.5			1, 02, 260	2.9

Paddy	ICM	Cultivation of drought tolerant HYV rice – Sahabhagidhan, duration-100-105 days, spacing 20x15 cm, resistant to blast, moderate resistant to brown spot, sheath rot, sheath blight and leaf folder, soil test based fertilizer application			39.2	30.4	28.9	Parameter (No. of Tillers/hill) 15.6	Parameter (No. of Tillers/hill) 10.2			22, 740	1.7			11, 880	1.4
Maize	ICM	Cultivation of sweet corn variety 'Sugar 75', seed rate 5 kg/ha, with soil test based fertilizer application			Yield (cobs /ha) 48, 350	Yield (cobs /ha) 48, 350	16.6	Parameter (Cob weight in gm.) 380	Parameter (Cob weight in gm.) 340			89, 600	3.0			27, 920	1.8
Cabbage (TSP)	INM	Hybrid cabbage variety-Hare Krishna, seed rate – 0.3 kg/ha, FYM 5 t/ha , spacing (60 x 45) cm, seed treatment with vitavax power @ 2 gm /kg seed, application of biofertilizers @ 12 kg/ha (*Azotobacter* + *Azospirillum*+ PSB: 4+4+4= 12 kg/ha), soil application of boron @ 1 kg/ha at the time of planting, application of 75 % of recommended dose of $N:P_2O_5:K_2O$ as per soil test results and need based application of plant protection chemicals	40	5.0	348.6	201.4	73.1	Single head weight (Kg.) 1. 42	Single head weight (Kg.) 0.692			1, 12, 300	2.8			56, 100	2.3
Gardenpea (TSP)	INM		35	5.0	116.7	68.5	70.4	No. of pods per plant 22.7	No. of pods per plant 16.8			1, 50, 660	3.5			79, 500	2.8
		Total										7, 15, 640				4, 04, 340	

Livestock

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

Buffalo																	
Poultry																	
Rabbitry																	
Pigerry																	
Sheep and goat																	
Duckery																	
Others (pl.specify)																	
Total																	

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

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

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

** BCR= GROSS RETURN/GROSS COST

Other enterprises

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

Button mushroom																
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																
Total																

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

Women empowerment

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

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check									

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

Demonstration details on crop hybrids

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

Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (Pl. specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (Pl. specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (Pl. specify)										
Total										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back

Extension and Training activities under FLD

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

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

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Niger	Utkal Niger - 150	3.9	78	38	310	• Use of improved variety Utkal Niger-150 having seed rate @ 10 kg/ha • Line sowing (with spacing 30x10 cm) • Seed treatment with Vitavax	75	30	5.7	5.0	5.3	41.1	33.6	32.1

							power @ 2 gm per kg seed • Alternate sprayings of Imidachloprid @ 3ml/10 liter of water, Neem oil @ 5 ml per liter, Carbendazim + Mancozeb @ 2gm/ lit. and Cloropyriphos + Cypermethrin @ 2 ml / lit. • Soil test based fertilizer application (based on the recommended dose of 40:20:20 kg NPK / ha).								

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	• Variety Utkal Niger-150 having seed rate @ 10 kg/ha • Line sowing (with spacing 30x10 cm) • Seed treatment with Vitavax power @ 2 gm per kg seed • Alternate sprayings of Imidachloprid @ 3ml/10 liter of water,	8900	19890	10990	2.2	10500	27030	16530	2.6

	Neem oil @ 5 ml per liter, Carbendazim + Mancozeb @ 2gm/ lit. and Cloropyriphos + Cypermethrin @ 2 ml / lit. • Soil test based fertilizer application (based on the recommended dose of 40:20:20 kg NPK / ha)								

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Niger, Var.-Utkal Niger-150	15900	137.8	51	3180	2385	Line sowing, use of high yielding variety, soil test based fertilizer application and timely use of plant protection measures	23.4

D. Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	Line sowing, use of high yielding variety Soil test based fertilizer application, timely plant protection measures	Sustainable	Liking	Affordable	No	Yes	No

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance(%)	Performance of Technology vis-a vis Local Check	Farmers Feedback
Line sowing	6.4	Line sowing increased the yield of Niger 6.4 percent over broad casting sowing in case of local check	Farmers interested for line sowing as it gives more yield
Use of high yielding variety	12.3	Use of HYV –Utkal Niger 150 increased the yield of Niger 12.3 percent over local check using their own variety local Tila	Farmers show their interest for using the variety of Utkal Niger 150 as it gives more yield and suitable for their locality
Soil test based fertilizer application	8.6	Soil test based fertilizer application increased the yield of Niger 8.6 percent over local check where suboptimal dose of fertilizers were applied	Farmers realized the impact of soil test based fertilizer application as fertilizer application with soil test based increases the yield of Niger
Timely plant protection measures	8.6	timely plant protection measures increased the yield of Niger 8.6 percent over local check	Farmers are now awared about timely application of PP Chemicals as it reduces the diseases and pest incidence

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Group meeting	Greenbadi-23/08/18, Kilabadi-28/08/18, Pliheri-01/09/18, Daringbadi-12/09/18, Rukanbadi-28/09/18, Takarmal-04/10/18, Siripanga-12/10/18, Penala-22/10/18.	154
2	Training	Pliheri – 21/08/18	50
3	Field visit	Greenbadi-23/08/18, Kilabadi-28/08/18, Pliheri-01/09/18, Daringbadi-12/09/18, Rukanbadi-28/09/18, Takarmal-04/10/18, Siripanga-12/10/18, Penala-22/10/18.	154
4	Field day	Pliheri -11/12/18	50

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Niger	i) Critical input	-	99,728.00	-
	ii) TA/DA/POL etc. for monitoring	-	15,000.00	-
	iii) Extension Activities (Field day)	-	3,750.00	-
	iv)Publication of literature	-	5,000.00	-
	Total	-	1,23,478.00	-

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

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Groundnut	AK-12-24	10.9	422	370	1210	• ICGV91114 • Use of HYV – ICGV91114 • Seed treatment with vitavax power @ 3 g / kg seed • Line sowing • Application of lime @ 0.2LR • Application of FYM @ 5 t/ha and borax @	54	20	17.8	15.3	16.1	76.8	59.4	42.9

							10 kg/ha with soil test based fertilizer application • Need based plant protection measures								

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	• ICGV91114 • Use of HYV – ICGV91114 • Seed treatment with vitavax power @ 3 g / kg seed • Line sowing • Application of lime @ 0.2LR • Application of FYM @ 5 t/ha and borax @ 10 kg/ha with soil test based fertilizer application • Need based plant protection measures	29900	53301	23401	1.78	35700	78729	43029	2.20

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Groundnut (ICGV91114)	32200	430	48.90	4830	4186	• Use of improved varieties • Seed treatment • Line sowing • Application of lime • Application of FYM and borax with soil test based fertilizer application • Need based plant protection measures	24

D. Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	• Use of HYV – ICGV91114 • Seed treatment with Vitavax power @ 3 g / kg seed • Line sowing • Application of lime @ 0.2LR • Application	Sustainable	-	Affordable	No	Yes	No

	of FYM @ 5 t/ha and borax @ 10 kg/ha with soil test based fertilizer application • Need based plant protection measures						

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Use of improved variety (ICGV91114)	19.2 %	Use of improved varieties increased the pod yield of groundnut by 19.2 % over local check	Farmers are happy with higher yield and have shown their interest for growing this variety
Seed treatment and Line sowing	8.3 %	Seed treatment and Line sowing improved plant growth and increased the pod yield of groundnut by 8.3 % over local check	Farmers noticed better plant growth and adopted this technology
Soil test based fertilizer application	13.1 %	Soil test based fertilizer application increased the pod yield of groundnut by 13.1 % over local check	Farmers are interested for applying fertilizer as per soil test results and happy due to better yield
Timely use of plant protection chemicals	7.1 %	Timely use of plant protection chemicals increased the pod yield of groundnut by 7.1 % over local check and checks the disease and pest incidence	Less disease and pest attack

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Group meeting	10-07-2018	25
2	Training	09-08-2018	50
3	Field visit	07-07-2018, 27-07-2018, 10-08-2018, 16-08-2018, 19-09-2018, 15-10-2018	137
4	Field day	20-10-2018	50

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Groundnut	i) Critical input	NIL	2,17,045	-
	ii) TA/DA/POL etc. for monitoring	NIL	10,000	-
	iii) Extension Activities (Field day)	NIL	4955	-
	iv)Publication of literature	NIL	8000	-
	Total	NIL	2,40,000	-

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

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
	Field pea	Local matar	8.5	217	115	1350	• Use of improved variety Prakash with seed rate @ 50 kg/ha • Seed treatment with Vitavax power @ 2 gm per kg seed • Line sowing (with spacing 30x10 cm) • Seed inoculation with *Rhizobium* @ 20g/kg seed • Application of Boron @ 1kg/ha and Wettable Sulphur @ 1.5 kg/ ha • Soil test based fertilizer application (based on the recommended dose of 25:50:25 kg NPK / ha) • Spraying of Cartap	335	40	16.1	12.9	14.4	56.0	49.0	-52.8

							Hydrochloride @ 1 gm/ lit. twice at 15 days interval								

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
	• Use of improved variety Prakash with seed rate @ 50 kg/ha • Seed treatment with Vitavax power @ 2 gm per kg seed • Line sowing (with spacing 30x10 cm) • Seed inoculation with *Rhizobium* @ 20g/kg seed • Application of Boron @ 1kg/ha and Wettable Sulphur @ 1.5 kg/ ha • Soil test based fertilizer application (based on the recommended	20700	35700	15000	1.7	25200	60480	35280	2.4

	dose of 25:50:25 kg NPK / ha) • Spraying of Cartap Hydrochloride @ 1 gm/ lit. twice at 15 days interval								

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
	Field pea (Prakash)	57600	116	42	12672	5760	Line sowing, use of high yielding variety,soil test based fertilizer application with biofertilizer and timely use of plant protection measures	34

D. Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
	Line sowing, use of improved variety, STBF, timely plant protection measure	Sustainable		Affordable	No	Yes	No

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Line sowing	11.8%	Line sowing increased the yield of field pea 11.8 per cent over broad casting sowing in case of local check	Farmers accepted the technology due to higher yield and easy for intercultural operation
Use of high yielding variety	29.7%	Use of HYV Prakash increased the yield of field pea 29.7 percent over local check using their own variety local matar	Farmers accepted the variety due to higher yield and net return
Soil test based fertilizer application	18.2%	Soil test based fertilizer application with bio-fertilizer increased the yield of field pea 18.2 percent over local check where suboptimal dose of fertilizers were applied	Farmers accepted the technology due to higher yield and return
Timely plant protection measures	9.7%	timely plant protection measures increased the yield of field pea 9.7 per cent over local check	Farmers accepted the technology due to higher yield

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	**Farmers training**	**05.11.2018- Nediguda**	**30**
2	**Field day**	**19.03.2019- Kilakia**	**50**
3	**Field visit**	**09.12.2018 - Sujeli**	**15**
		15.12.2018 - Raipali	**18**
		24.12.2018 - Katingia	**14**
		07.01.2019 – Kilakia	**16**
		22.01.2019 – Thengajhola	**19**
		29.01.2019Nediguda, Belapada	**16**

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Fieldpea	i) Critical input	3,59,400	3,08,875	38,975
	ii) TA/DA/POL etc. for monitoring		-	
	iii) Extension Activities (Field day)		5,300	
	iv)Publication of literature		6,250	
	Total	3,59,400	3,20,425	38,975

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

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
	Horsegram	Chakapada Kolatha	3.96	38	15	204	• Seed treatment with Vitavax power @ 2 gm per kg seed • Line sowing (with spacing 30x10 cm) • Seed inoculation with *Rhizobium* @	83	30	6.21	5.40	5.61	36.2	32.1	-6.9

							20g/kg seed and soil application of PSB @ 6 kg/ha • Application of Boron @ 1kg/ha and Wettable Sulphur @ 1.5 kg/ ha • Soil test based fertilizer application • Spraying of neem oil @ 5 ml/ lit. twice at 15 days interval								

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
	• Seed treatment with Vitavax power @ 2 gm per kg seed • Line sowing (with spacing 30x10 cm) • Seed inoculation with *Rhizobium* @ 20g/kg seed and soil application of PSB @ 6 kg/ha • Application of Boron @ 1kg/ha and Wettable Sulphur @ 1.5 kg/ ha	9800	16632	6832	1.7	11800	23562	11762	2.0

	• Soil test based fertilizer application • Spraying of neem oil @ 5 ml/ lit. twice at 15 days interval								

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
	• Seed treatment with Vitavax power @ 2 gm per kg seed • Line sowing (with spacing 30x10 cm) • Seed inoculation with *Rhizobium* @ 20g/kg seed and soil application of PSB @ 6 kg/ha • Application of Boron @ 1kg/ha and Wettable Sulphur @ 1.5 kg/ ha • Soil test based fertilizer application • Spraying of neem oil @ 5 ml/ lit. twice at 15 days interval	16830	121.7	42	4376	2356	Line sowing,soil test based fertilizer application with biofertilizer and timely use of plant protection measures	32

D. Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
	• Seed treatment with Vitavax power @ 2 gm per kg seed • Line sowing (with spacing 30x10 cm) • Seed inoculation with *Rhizobium* @ 20g/kg seed and soil application of PSB @ 6 kg/ha • Application of Boron @ 1kg/ha and Wettable Sulphur @ 1.5 kg/ ha • Soil test based fertilizer application • Spraying of neem oil @ 5 ml/ lit. twice at 15 days interval	yes	-	Affordable	No	Yes	-

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Line sowing	10.7%	Line sowing increased the yield of Horse gram 10.7 per cent over broad casting sowing in case of local check	Farmers accepted the technology due to higher yield and easy for intercultural operation
Soil test based fertilizer application	18%	Soil test based fertilizer application with bio-fertilizer increased the yield of Horse gram 18 percent over local check where suboptimal dose of fertilizers were applied	Farmers accepted the technology due to higher yield and return
Timely plant protection measures	13%	Timely plant protection measures increased the yield of Horse gram13 per cent over local check	Farmers accepted the technology due to higher yield

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training	03.10.2018- Nediguda	30
		04.10.2018- Belapadara	
2	Field Visit	15.10.2018- Raipada	20
		30.10.2018- Belapadara	30
3	Field Day	04.12.2018- Belapadara	50

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Horsegram	i) Critical input	2,69,400	1,37,870	1,20,020
	ii) TA/DA/POL etc. for monitoring		-	
	iii) Extension Activities (Field day)		5,260	
	iv)Publication of literature		6,250	
	Total	2,69,400	1,49,380	1,20,020

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
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													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL													

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
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													
Poultry production													
Ornamental fisheries													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL													

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Value addition													
Integrated Pest Management													
Integrated Nutrient management													

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

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL													

E) RURAL YOUTH (Off Campus)

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL													

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													

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

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
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													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Others, if any													
TOTAL													
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)													
TOTAL													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL													

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated farming													
Seed production													
Production of organic inputs													
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													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
TOTAL													

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													

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													
Others if any													
TOTAL													

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

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

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

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

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

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

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day											
KisanMela											
KisanGhosthi											
Exhibition											
Film Show											
Method Demonstrations											
Farmers Seminar											
Workshop											
Group meetings											
Lectures delivered as resource persons											

Advisory Services											
Scientific visit to farmers field											
Farmers visit to KVK											
Diagnostic visits											
Exposure visits											
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp											
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
Mahila Mandals Conveners meetings											
Celebration of important days (specify)											
Sankalp Se Siddhi											
Swatchta Hi Sewa											
Mahila Kisan Divas											
Any Other (Specify)											
Total											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	
Radio talks	
TV talks	
Popular articles	

Extension Literature	
Other, if any	

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

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

Production of planting materials by the KVKs

Crop		Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
					SC	ST	Other	Total
Vegetable seedlings								
Cauliflower		Madhuri	20,000 nos	20,000	-	08	-	08
Cabbage		Hare Krishna	200000 nos	2,00,000	-	40	-	40
Tomato		NS-592	2000 nos	2,000	-	03	-	03
Brinjal		Star 230	1000 nos	1,000	01	02	-	03
Chilli								
Onion								
Others	Drumstick	PKM-1	4500 nos	67,500	-	-	01	01
	Broccoli	F1 Mario	1000 nos	1,000	-	03	02	05
Fruits								
Mango								
Guava								
Lime								
Papaya		Honey Dew	300 nos	3,000	02	07	01	10
Banana								
Others								
Ornamental plants								
Medicinal and Aromatic								
Plantation								
Spices								
Turmeric		Rajendra Sonia	110 qtl	3,85,000	-	-	04	04
Tuber								
Elephant yams								
Fodder crop saplings								
Forest Species								
Mushroom Spawn		Oyster & Paddy Straw Mushroom	1200 nos	14,400	-	31	-	31
Total								

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted			
			SC	ST	Other	Total
Vermicompost	2600	26,000	-	-	02	02
Bio-pesticide						
Bio-fungicide						
Bio-agents						
Others, please specify.						
Total						

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat							
Other, please specify							
Poultry							
Broilers							
Layers							
Duals (broiler and layer)	Pallishree & Rainbow Rooster	50 nos	16,000				

Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Hog				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				
Others (Pl. specify)				
Grand Total				

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

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production Reports

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

iii) Financial Progress

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

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter				
Popular Articles				
Book Chapter				

Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

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

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

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

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

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

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

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

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

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

b. Give details of organic farming practiced by the farmer

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

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

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

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

Sl. No	Name of the Equipment	Qty.

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
427	631	1058			

3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1	World Soil Day	350	-	-	205	300

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

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

3.13. Technology week celebration

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

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

No of student trained	No of days stayed

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit

4. IMPACT

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

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

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

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

Horizontal spread of technologies	
Technology	Horizontal spread

Give information in the same format as in case studies

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

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

4.4. Details of innovations recorded by the KVK

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

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	
Name & complete address of the entrepreneur	
Role of KVK with quantitative data support:	

Timeline of the entrepreneurship development	
Technical Components of the Enterprise	
Status of entrepreneur before and after the enterprise	
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	
Horizontal spread of enterprise	

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage

5.2. List of special programmes undertaken during 2018-19 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

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

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

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
1.									
2.									
3.									
4.									
5.									
6.									
7.									

	Total								

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	

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

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

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

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

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 staff quarters: 04

Date of completion:

Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI
Round the year	✓		✓	✓	✓	

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number

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

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

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

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

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

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

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2015-16				
2016-17				
2017-18				
2018-19				

7.6. (i) Number of SHGs formed by KVKs
(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities
(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

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

8. Other information

8.1. Prevalent diseases in Crops

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

8.2. Prevalent diseases in Livestock/Fishery

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

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop		
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 Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken

b. Details of Swachhta activities with expenditure

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

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school

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

Give good quality 1-2 photograph(s)

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

Date of program	No. of Union	No. of Hon'	No. of State	Participants (No.)	Cover age by	Covera ge by

me	Ministers attended the programme	ble MPs (Loksabha/ Rajyasabha) participated	Govt. Ministers	MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total	Door Darshan (Yes/ No)	other channels (Number)

9.10. Details of Swachhta Hi Sewa programme organized

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

9.11. Details of Mahila Kisan Divas programme organized

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

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. Revenue generation

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

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK

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

9.16. Contingent crop planning

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

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

a) Year:
b) Introduction / General Information:

	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 2018-19

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

b. Fund received under TSP in 2018-19 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2018-19

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

d. Location and Beneficiary Details during 2018-19

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

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

Natural Resource Management

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

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

Capacity building

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

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
Exhibition	03									500
Field days	10									500
Kissan Mela	02									550
Research – Extension interface meeting	11									227
Special day celebration	06									650

Soil Health Camp	02									60
Animal Health Camp	02									80
Soil test Campaign	02									50
Scientists visit to farmers' field	122									1051
No. of farmers visit to KVK	54									620
Diagnostics visit	27									118
Group meeting	10									162
KissanGosthi	-									-
Radio talk	-									-
Television talk	-									-
News paper Coverage	05									Mass
Exposure Visits	02									40
No. of farmers' club formed	-									-
Farmers' club meetings held	-									-
SHG convention	-									-
Ex-trainees sammelan	02									40
Film show	11									355
Lectures delivered as resource person	16									525

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK

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

Award received by Farmers from the KVK district

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

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

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

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

1. Integrated Farming System (IFS)

Details of KVK Demo. Unit

Sl.	Module	Area under	Production	Cost of	Value realized in	No. of farmer	% Change in

No.	details (Component-wise)	IFS (ha)	(Commodity-wise)	production in Rs. (Component-wise)	Rs. (Commodity-wise)	adopted practicing IFS	adoption during the year

2. Technologies for Doubling Farmers' Income

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

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

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

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

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

5. a) Information on **ASCI** Skill Development Training Programme, if undertaken during 2017-18 and 2018-19

Year	Name of the Job role	Name of the certified Trainer of KVK for the Job role	Date of start of training	Date of completion of training	No. of participants	Whether uploaded to SDMS Portal (Y/N)	Fund utilized for the training (Rs.)
2016-17							
2017-18							
2018-19							

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs.**, if any) if undertaken during 2018-19

Thematic area of training	Title of the training	Duration (in hrs.)	No. of participants									Fund utilized for the training (Rs.)
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	

6. Information on NARI Project (if applicable)

Name of Nodal Officer	**No. of OFT on specified**	**Title(s) of OFT**	**No. of FLD on specified**	**No. of capacity development**	**Total no. of farm women/**	**Details of Issues related**

	aspects		aspects	programme on specified aspects	girls involved in the project	to gender mainstreaming addressed through the project

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

Krishi Kalyan Abhiyan- I and II

A. Training

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

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

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

C. Livestock and Fishery related activities

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

D. Other activities

Name of programme	*Activities*	*No. of farmers benefited*									*No. of other officials (except KVK) attended the programme*
		SC		*ST*		*Others*		*Total*			
		M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	T	

KKA-I	Soil Health Card Distributed										
	NADEP Pit established										
	Farm implements distributed										
	Others, if any										
KKA-II	Soil Health Card Distributed										
	NADEP Pit established										
	Farm implements distributed										
	Others, if any										

Krishi Kalyan Abhiyan- III

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

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

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

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

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