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

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra At: Srirampada, P.O.: G. Udayagiri, Kandhamal Pin: 762100	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	
Orissa University of Agriculture and Technology, Bhubaneswar	0674-2397362		deanextensionouat@yahoo.com

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

Name	Telephone / Contact		
Dr. Debasis Mishra	Krishi Vigyan Kendra, Kandhamal, PO- G. Udayagiri, Dist- Kandhamal, Pin- 762100	9438357962	demishra74@gmail.com

1.4. Year of sanction of KVK: 1993

1.5. Staff Position (as on 1st April, 2017)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Dr. Debasis Mishra	Sr. Scientist & Head	Plant Protection	15600-39100 (AGP 8000)/ 21390+6000	01.01.2010	Permanent	Other
2	Subject Matter Specialist	Sujit Kumar Mukhi	Scientist	Soil Science	15600-39100 (AGP 8000)/ 21390+6000	23.10.2009	Permanent	Others
3	Subject Matter Specialist	Dr. Swagatika Sahu	Scientist	Fishery Science	15600-39100 (AGP 8000)/ 21390+6000	23.04.2010	Permanent	Other
4	Subject Matter Specialist	-	-	-	-	-	-	-
5	Subject Matter Specialist	-	-	-	-	-	-	-
6	Subject Matter Specialist	-	-	-	-	-	-	-
7	Subject Matter Specialist	-	-	-	-	-	-	-
8	Programme Assistant	-	-	-	-	-	-	-
9	Computer Programmer	Raghunath Soren	Programme Assistant (Computer)	Computer	9300-34800 (GP 4200)/ 10130+4200	16.06.2015	Permanent	ST
10	Farm Manager	-	-	-	-	-	-	-
11	Accountant / Superintendent	-	-	-	-	-	-	-
12	Stenographer	Pabitra Mohan Pradhan	Jr. Steno-cum-Computer Operator	-	5200-20200 (GP-2400)/ 5670+2400	29.07.2015	Permanent	ST
13.	Driver	Maheswar Pradhan	Driver-cum-Mechanic	-	5200-20200 (GP 1900) 6110+1900	13.02.2014	Permanent	Other
14.	Driver	Gopal Pradhan	Driver-cum-Mechanic	-	5200-20200 (GP 1900) 5640+1900	20.07.2015	Permanent	ST
15.	Supporting staff	Aparti Chhatoi	Peon-cum-Night Watcher	-	4440-7440 (GP 1300) 6040+1500	28.07.2008	Permanent	Other
16.	Supporting staff	Arjuni Ch. Swain	Peon-cum-Night Watcher	-	4440-7440 (GP 1300) 6040+1500	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	Farm gate					√			
17	Cow catcher					√			

* 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 31.03.2018	Present status
Bolero (Mahindra Di Turbo)	2010-11	5,52,236	114131	Running
Tractor (Mahindra 475 DI – Bhumiputra)	2004-05	3,74,223	-	Running
Bike (Hero Honda Passion Pro)	2009-10	49,965.00	28832	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

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.	28.12.2017	30	Suitable interventions need to be planned for rain-fed rice eco-systems in Kandhamal	2 nos. of capacity building trainings involving 60 nos. of farmers were conducted for understanding the recently developed HYVs suitable for rain-fed rice ecosystems present in the district and their cultivation practices.	-
			Emphasis should be given on crop diversification and promotion of high value crops	Demonstrations on Garden pea (5 ha.) were conducted in place of tomato and other vegetables for higher profit under TSP in the district	
			Emphasis should be given on Mahua seed Decorticator	Demonstration on Mahua Seed Decorticator was conducted in group approach through SHGs	
			Non-farm income generating activities like Vermicomposting, Mushroom cultivation and Value addition in oilseeds and pulses should be encouraged	Trainings on Mushroom cultivation and Vermi-composting were organized for RY and Farm Women Proposal has been submitted for	

				installation of mini dal mill and oil extraction units in the KVK as model demonstration units	
			Organic vegetable cultivation should be promoted	An OFT on Assessment of INM in Tomato with a treatment of complete organic fertilization was conducted	
			Importance of micronutrients in oilseed crops should be tested	An OFT on Assessment of INM in Mustard was conducted by taking Zn and B	
			Integrated approach towards enhancing the productivity of Maize should be taken in the district	An OFT was conducted on Acid Soil Management in Maize during Kharif 2017 taking 1 ha of area involving 7 nos. of farmers	
			Package and practices of organic turmeric cultivation should be demonstrated for wider adoption	An FLD on Organic Turmeric Cultivation has been conducted in Kharif 2017 taking 2 ha of area involving 10 nos. of farmers	
			Processing and value addition in underutilized fruits & available in the district should be addressed	Yet to be conducted due to absence of scientist	
			Preparation of Bio-pesticides from locally available materials and their use in agriculture should be promoted	Trainings were planned for Rural Youths for Preparation of Bio-pesticides and their use in Agriculture	
			Protected cultivation trials should be undertaken	An OFT on raising of vegetable seedlings in low cost poly-tunnel was conducted during this Kharif season	

** Salient recommendation of SAC in bullet form*

SAC proceedings along with list of participants is attached

PROCEEDINGS OF THE SCIENTIFIC ADVISORY COMMITTEE MEETING OF KVK KANDHAMAL, G.UDAYAGIRI

The 22nd Scientific Advisory Committee meeting of KVK, Kandhamal was held on 28.12.17 at 10.30 AM in the training hall of KVK, Kandhamal under the chairmanship of Dr. Mahamaya Prasad Nayak, the Joint Director, Directorate of Extension Education, OUAT, Bhubaneswar and co-chairmanship of Dr. Kalyan Sundar Das, Principal Scientist, ICAR-ATARI, Zone V, Kolkata. The members present in the meeting are annexed herewith. Dr. D. Mishra, Senior Scientist and Head, KVK, Kandhamal after brief welcome to the Hon'ble members requested the chairman and others dignitaries to inaugurate the meeting by lighting the lamp & to conduct the meeting.

After a brief introductory remark by the chairman, the Senior Scientist and Head to start the proceedings as per the agenda.

Senior Scientist and Head of KVK made a detailed presentation of action taken report, achievements and action plan of the KVK.

AGENDA -1- APPROVAL OF THE PROCEEDING OF LAST SAC MEETING

The Senior Scientist and Head appraised that the proceeding of the last SAC meeting was circulated vide letter No. 603/KVK, dt.29.12.2016 to all the members. He also presented the proceedings in brief. The Chairman approved the proceeding after taking consent of the members.

AGENDA 2 – ACTION TAKEN ON THE RECOMMENDATIONS OF LAST SAC MEETING HELD ON 21.12.2016

S.No.	Recommendations	Activities undertaken
1	Suitable interventions need to be planned for rain-fed rice eco-systems in Kandhamal	2 nos. of capacity building trainings involving 60 nos. of farmers were conducted for understanding the recently developed HYVs suitable for rain-fed rice ecosystems present in the district and their cultivation practices.
2	Emphasis should be given on crop diversification and promotion of high value crops	Demonstrations on Garden pea (5 ha.) were conducted in place of tomato and other vegetables for higher profit under TSP in the district
3	Emphasis should be given on Mahua seed Decorticator	Demonstration on Mahua Seed Decorticator was conducted in group approach through SHGs
4	Non-farm income generating activities like Vermicomposting, Mushroom cultivation and Value addition in oilseeds and pulses should be encouraged	Trainings on Mushroom cultivation and Vermi-composting were organized for RY and Farm Women Proposal has been submitted for installation of mini dal mill and oil extraction units in the KVK as model demonstration units
5	Organic vegetable cultivation should be promoted	An OFT on Assessment of INM in Tomato with a treatment of complete organic fertilization was conducted
6	Importance of micronutrients in oilseed crops should be tested	An OFT on Assessment of INM in Mustard was conducted by taking Zn and B

7	Integrated approach towards enhancing the productivity of Maize should be taken in the district	An OFT was conducted on Acid Soil Management in Maize during Kharif 2017 taking 1 ha of area involving 7 nos. of farmers
8	Package and practices of organic turmeric cultivation should be demonstrated for wider adoption	An FLD on Organic Turmeric Cultivation has been conducted in Kharif 2017 taking 2 ha of area involving 10 nos. of farmers
9	Processing and value addition in underutilized fruits & available in the district should be addressed	Yet to be conducted due to absence of scientist
10	Preparation of Bio-pesticides from locally available materials and their use in agriculture should be promoted	Trainings were planned for Rural Youths for Preparation of Bio-pesticides and their use in Agriculture
11	Protected cultivation trials should be undertaken	An OFT on raising of vegetable seedlings in low cost poly-tunnel was conducted during this Kharif season

AGENDA 3 – ACHIEVEMENT MADE BY THE KVK

The Senior Scientist and Head presented the overall achievement made by KVK, Kandhamal during the year 2016-17 and the action plan of 2017-18.

1. Training – KVK has conducted 19 training programme for 475 practicing farmers and farm women, 05 for Rural youth involving 125 participants & 02 for 30 numbers of extension functionaries. Besides 02 Skill Oriented vocational training programmes for 30 numbers of rural youths on Organic farming and Mushroom spawn production.

2. Front Line Demonstration – KVK has conducted 06 nos. of Front Line Demonstration during 2016-17 on Nutrient management in hybrid rice, Foliar application of Boron in tomato, Sulphur application in Mustard, INM in potato, Mahua seed decorticator, PUSA zero energy cool chamber. A total of four (04) FLDs under Oil Seed and Pulse crops have been undertaken on Black gram, Toria, Field pea and Green gram.

3. On Farm Trial: A total of 7 nos. of On Farm Trials (OFTs) were conducted during 2016-17 on various thematic area such as varietal evaluation, IPM, IDM, INM and income generation enterprises.

4. Extension Activities: KVK has also conducted various extension activities such as field day of 12 nos, one Kissan Mela, 01 Exhibition, 26 CD Film shows, Ex-trainees meet and other activities like Diagnostic Field Visits & KMAS, publication of literature & news letter, Soil heath campaigning, important days celebration etc.

AGENDA 4 – PRESENTATION OF ACTION PLAN FOR RABI 2015-16

The Senior Scientist and Head presented the detailed Action Plan developed by KVK for the year 2017-18 based on the Survey analysis & secondary information available.

AGENDA -5: CONSTRAINTS OF KVK

The Senior Scientist and Head presented the constraints of the KVK and draws kind attention of the chairman & member of the house. He emphasized the following constraints to be resolved for smooth functioning of the KVK.

1. Renovation of existing Staff quarters
2. Poor staff strength of KVK
3. Insufficient staff quarters
4. Lack of Irrigation channels in the farm area
5. Requirement of an LI point at the extreme east side boundary of the KVK farm

AGENDA - 6: SUGGESTIONS OF THE MEMBERS

The chairman requested the members to comment upon the action plan & invited suggestions. The suggestions were made by the members are listed below.

1. The Secretary, KASAM, Phulbani suggested that, more work should be undertaken on value addition of locally available mango fruits, as a huge quantity of mangoes during the on-season are wasted due to less market preference.
2. The DDH suggested that, KVK should develop technology protocol for the cultivation practices of vegetables round the year under protected environment for popularization of this technology in the district.
3. The co-chairman emphasized on increasing the production potential and marketing of mushroom by involving SHGs with the convergent approach of KVK, ATMA, KASAM and Horticulture Department. He suggested that, this convergence would be successful by developing an action plan where the technical guidance of KVK, funds of ATMA, supervision of Horticulture Department and Marketing management of KASAM can be used. He also suggested that, KVK should create a master trainer for each block to disseminate the technologies at a faster rate.
4. The Secretary, KASAM suggested that, an organic crop cafeteria should be developed in the KVK campus showcasing all the components.
5. The PD, Watershed asked the KVK to train the field staffs, progressive farmers about novel technologies for better dissemination. He also emphasized to develop a demo unit of farm pond with poly-lining or soil cementing method inside KVK campus for visiting farmers by taking the financial support of the watershed department. He also stated that, if KVK gives a proposal, then the department will finance to develop a museum at KVK campus having all the small farm implements related to drudgery reduction.

6. The DDH suggested that KVK may have a trial on raising seedlings of turmeric by using pro-tray method as it reduces the bulkiness of planting materials. He also asked KVK to develop some good planting material for the department during April and May under the revolving fund activity.
7. The Forester of G.Udayagiri emphasized on black pepper cultivation as there is a very good scope for this crop in the district forest area. She also suggested that, KVK should raise and supply saplings of this spice crop to the department under revolving fund activity.
8. The DPD, ATMA suggested that, one oil extractor demo unit should be established inside the KVK campus. He also emphasized that, KVK should validate the ITK technologies in the district by conducting some trials in different crops.
9. The DDH again stated that, with the technical support of KVK, the department can develop vermin-hatcheries in the district.
10. The progressive farmer, Mr. Manoj Pradhan stated that, due to Rhizome rot disease, the ginger cultivation was gradually diminishing. Therefore, a trial should be conducted by the KVK on management of this disease, so that, this crop will again gain its importance in the district as it is a more remunerative crop than turmeric.
11. The VAS, G.Udayagiri suggested that, 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.
12. The ADR, RRTTS, G.Udayagiri showed his concern about the non-attendance of bankers in this type of important meetings. He suggested KVK to bring this matter to the higher authority.

AGENDA - 7: CHAIRMAN'S REMARKS

- KVK should facilitate to strengthen market linkages for enhancing the benefit and marketing efficiency for vegetable growers.
- Documentation for each activity and success may be done in form of short films or pictorial presentation.
- As the district is full of forest area, sericulture need to be promoted.
- A publication on use and maintenance of small farm implements for drudgery reduction may be developed by the KVK.
- For protected cultivation inside the poly-house, a protocol in the form of cultivation practice should be standardized for a feasible and appropriate cropping systems by the KVK, for which a project proposal may be submitted to the line department for necessary funding.
- For supply of seedlings of turmeric, DDH should give indent in advance to the KVK.
- For strengthening production of vermi, KVK should impart training for developing vermin-hatcheries in the district.

- An Organic Crop Cafeteria of may be developed inside the KVK campus for which, a project proposal should be given to the ATMA, Kandhamal for necessary financial support.
- KVK may intervene to promote cultivation of black pepper.
- An OFT on assessing the performance of early varieties of Arhar should be conducted.
- An in-depth analysis may be made to find out the reason of area reduction under ginger and need based interventions may be taken up.
- Trainings of farmers and farm women should be planned at least for 2 days and for rural youths and vocational trainings, the duration must be at least 4 days and above. Phase wise trainings for the same may be undertaken.
- Success story on black pepper should be documented and submitted to the ICAR-ATARI, Kolkata and DEE, OUAT.
- 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.

The meeting was ended at 3:00 PM with the vote of thanks given by Mr. Sujit Kumar Mukhi, Scientist (Soil Science).

ANNEXURE-I

S.No	NAME	DESIGNATION	REMARK
1	Dr. M.P. Nayak	Joint Director of Extension, DEE, OUAT, Bhubaneswar	Chairman
2	Dr. K.S. Das	Principal Scientist, ICAR-ATARI, Kolkata	Co-Chairman
3	Prof. P.K. Sarangi	ADR, RRTTS, G.Udayagiri	Member
4	Dr. D.K. Bastia	Chief Scientist, DLAP, OUAT, Phulbani	Member
5	Mr. Hemanta	DPD, ATMA, Kandhamal (Representative of DDA)	Member
6	Mr. Sailendra Nayak	PD, Watershed, Kandhamal	Member
7	Mr. Manoj Kumar Dash	DDH, Kandhamal	Member
8	Dr. Debendra Debta	Senior scientist, RRTTS,G.Udayagri, Kandhamal	Member
9	Mr. A.K Sethy	Scientist, RRTTS, Kandhamal	Member
10	Mr. Jyoti Ranjan Pradhan	AAO, G.Udayagiri	Member
11	Dr. S. K. Pradhan	BVO, G. Udayagiri (Representative of CDVO)	Member
12	Mr. Aditya Prasasd Naik	AFO, G.Udayagiri (Representative of DFO)	Member
13	Ms. Monalisa Panda	Forester, Kalinga Section, G.Udayagiri (Representative of District Forest Officer)	Member
14	Mr. Subash Chandra Pradhan	District Correspondent, Doordarshan (DD-1) & AIR, Cuttack	Member
15	Mr. Sisir Pattnaik	Local correspondent, Dharitri Daily News paper	Invitee
16	Mr. Samir Padhy	Local correspondent, Sambad Daily News paper	Invitee
17	Dr. L.K. Mohanty	Senior Scientist & Head, KVK, Ganjam-1	Invitee
18	Mr. S. K. Pattnaik	Secretary, KASAM, Phulbani	Invitee
19	Mr. Balakrushna Sahu	Capacity Building Officer, CARE India, Kandhamal	Invitee
20	Mrs. Anuradha Pradhan	Farm Woman representative	Member
21	Mrs. Madanabati Pradhan	Farm Woman representative	Member
22	Mr.Manoj Ku Pradhan	Farmer representative	Member
23	Mr. Rama Chandra Pradhan	Farmer representative	Member
24	Mr. Sushila Pradhan	Farmer representative	Member
25	Mr. Sujit Kumar Mukhi	SMS(Soil Sc.),KVK,Kandhamal	Member
26	Mr. Raghunath Soren	PA(Comp.), KVK, Kandhamal	Invitee
27	Mr. Pabitra Pradhan	Steno-cum-Computer Operator, KVK, Kandhamal	Invitee
28	Mr. Damodar Sahu	Agril. Overseer, O/o DAO, G. Udayagiri	Invitee
29	Mr. Sujit Kumar Padhy	AAO, Tikabali	Invitee
30	Dr. D. Mishra	Senior Scientist & Head, KVK, Kandhamal, G.Udayagiri	Member secretary

2.a. District level data on agriculture, livestock and farming situation (2017-18)

<table>
<tr><th>Sl. no.</th><th>Item</th><th>Information</th></tr>
<tr><td>1</td><td>Major Farming system/enterprise</td><td></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
Broiler – 0.452 TMT
Meat – 0.399 TMT</td></tr>
</table>

Note: Please give recent data only

2.b. Details of operational area / villages (2017-18)

	Adopted village-1	Adopted village-2	Adopted village-3	Adopted village-4	Adopted village-5
Block	Tikabali	G. Udayagiri	K. Nuagaon	Daringibadi	Raikia
G.P.	Burbinaju	Lingagada	Bandhaguda	Simanbadi	Sugadabadi
Village	Burbinaju	Katadaganda	Bandhaguda	Ladamala (Simanbadi)	Pitairpi (Sugadabadi)
Total No. house holds	125	35	52	56	70
S.C. Population(in no.)	25	7	10	11	14
S.T. Population(in no.)	87	24	36	39	49
OBC Population(in no.)	7	2	3	2	4
Gen. Population(in no.)	6	2	3	4	3
Total Population(in no.)	125	35	52	56	70
Soil types	Red Soil	Red and Laterite	Red Soil	Red and Laterite	Red and Laterite
Up land (ha.)	45 ha	14 ha	18 ha	20 ha	24 ha
Medium Land(ha.)	16 ha	08 ha	13 ha	15 ha	13 ha
Low land(ha.)	09 ha	06 ha	09 ha	07 ha	11 ha
Total cultivated area(ha.)	21 ha	13 ha	18 ha	16 ha	20 ha
Water bodies(ha.)	0.7 ha	0.3 ha	0.9 ha	1.0 ha	0.8 ha
Irrigation %	15%	17%	16%	20%	14%
Sources of Irrigation	Stream	Stream	Stream	Stream	Stream
Major crops	Paddy, Maize, Groundnut, Blackgram, Turmeric, Vegetables	Paddy, Maize, Groundnut, Mustard, Raikia Bean, Turmeric, Vegetables	Paddy, Maize, Groundnut, Mustard, Raikia Bean, Vegetables	Paddy, Maize, Groundnut, Sunflower, Mustard, Raikia Bean, Turmeric, Vegetables	Paddy, Maize, Groundnut, Sunflower, Mustard, Raikia Bean, Turmeric, Vegetables
Major Commodities/enterprises	Poultry, Goatry, Mushroom	Poultry, Goatry, Mushroom	Poultry, Goatry, Mushroom	Poultry, Goatry, Mushroom	Poultry, Goatry, Mushroom
Geo Coordinates	20°11′16.18”N 84°17’01.15″E	20°03′31.39”N 84°20’55.64″E	20°13′19.02”N 84°08’14.35″E	19°59′21.95”N 84°04’22.08″E	20°01′17.76”N 84°12’32.04″E
Remarks (indicate the thematic category of the village)	There is highest area under up land and suitable for oilseed and pulse	Suitable for Rakia bean cultivation	Suitable for potato cultivation	Suitable for organic farming cultivation	Suitable for off season vegetable cultivation

2. c. Details of village adoption programme:

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	Turmeric, Paddy, Maize,	Turmeric – Low yield due to application of lower dose of organic inputs and improper crop management practices	• Organic Farming • Weed

			Gotamaha Dakedi Bearpanga	Groundnut, Off-season Vegetables like Cauliflower & Tomato, 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 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	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 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
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	• Weed Management • Crop substitution • Fruit & Vegetable Cultivation • Soil Health & Fertility Management • Pest & Disease Management

					Poultry – Poor growth and egg production due to rearing of local breed without vaccination Mushroom – Low production due to traditional cultivation	• 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,	• Organic Farming • Weed Management • Soil Health & Fertility Management • Pest & Disease Management • Backyard Poultry and Animal

					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	Production • Non-land enterprises • Marketing Awareness • Farm Mechanisation

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

Name of village	Block	Action taken for development
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:						No. of technologies:					
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
4	2	30	8	2	10	7	6	145	105	15	120

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
31	17	705	384	81	465	100	354	5000	4459	1408	5867

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
120	115.3	51000	220000

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

1000	-	0.01	0.00657

* Give no. only in case of fish fingerlings

Publication by KVKs		
Item	Number	No. circulated
Research paper	-	-
Seminar/conference/ symposia papers	-	-
Books	-	-
Bulletins	5	5000
News letter	3	1500
Popular Articles	4	Mass
Book Chapter	-	-
Extension Pamphlets/ literature	5	5000
Technical reports	1	100
Electronic Publication (CD/DVD etc)	1	20
TOTAL	26	12020

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of integrated nutrient management in tomato
2.	Problem diagnosed	Low yield of tomato due to inadequate nutrient application
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**TO_1** Soil test based NPK through chemical fertilizers **TO_2** Organic fertilization through FYM and vermicompost (Full dose of Nitrogen will be supplied through FYM and vermicompost in the ratio of 5:1 **TO_3** 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)
4.	Source of Technology	OUAT-2015
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 tomato due to inadequate nutrient application

Technology assessed: **TO_1**	Soil test based NPK through chemical fertilizers
TO_2	Organic fertilization through FYM and vermicompost (Full dose of Nitrogen will be supplied through FYM and vermicompost in the ratio of 5:1
TO_3	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)

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 fruits /plant)	Net Income (Rs./ha)	BC Ratio
FP	250.4		21.6	64,900	2.1
TO_1	300.4	20.0	29.7	83,700	2.3
TO_2	313.5	25.2	35.8	89,350	2.3
TO_3	343.2	37.1	40.4	1,02,700	2.5

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** Soil test based NPK application + FYM @ 2 t/ha + Soil application of Zinc Sulphate @ 12.5 kg/ha as basal and two foliar spray of Zinc Sulphate @ 0.2% at two active growth stages **TO_3** Soil test based NPK application + FYM @ 2 t/ha+ Soil application of Zinc Sulphate @ 12.5 kg/ha as basal and two foliar spray of Zinc Sulphate @ 0.2% at two active growth stages + 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	Soil test based NPK application + FYM @ 2 t/ha+ Soil application of Zinc Sulphate @ 12.5 kg/ha as basal and two foliar spray of Zinc Sulphate @ 0.2% at two active growth stages + soil application of Borax @0.5 kg/ha and two foliar spray of Borax @ 0.2 % at 15 days interval from 30 days after sowing increased the seed yield of mustard by 46.3% over farmers practice
7.	Final recommendation for micro level situation	Soil test based NPK application + FYM @ 2 t/ha+ Soil application of Zinc Sulphate @ 12.5 kg/ha as basal and two foliar spray of Zinc Sulphate @ 0.2% at two active growth stages + soil application of Borax @0.5 kg/ha and two foliar spray of Borax @ 0.2 % at 15 days interval from 30 days after sowing
8.	Constraints identified and feedback for research	-
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	Soil test based NPK application + FYM @ 2 t/ha + Soil application of Zinc Sulphate @ 12.5 kg/ha as basal and two foliar spray of Zinc Sulphate @ 0.2% at two active growth stages
TO_3	Soil test based NPK application + FYM @ 2 t/ha+ Soil application of Zinc Sulphate @ 12.5 kg/ha as basal and two foliar spray of Zinc Sulphate @ 0.2% at two active growth stages + 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 / plant	No. of seeds/ siliqua	Test wt. (100 grain wt. gm)						
Soil test based NPK application + FYM @ 2 t/ha+ Soil application of Zinc Sulphate @ 12.5 kg/ha as basal and two foliar spray of Zinc Sulphate @ 0.2% at two active growth stages +	5	294.7	12.1	4.4	-	7.9	18900	31600	12700	1.7

soil application of Borax @0.5 kg/ha and two foliar spray of Borax @ 0.2 % at 15 days interval from 30 days after sowing										

Results:

Result	Yield (q/ha)	% change in Yield	Parameter		Net Income (Rs./ha)	BC Ratio
			No. of siliqua /plant	No. of seeds/ siliqua		
FP	5.4		189.6	9.6	6,500	1.4
TO_1	6.5	20.4	220.5	10.3	8,700	1.5
TO_2	7.2	33.3	274.8	10.9	10,800	1.6
TO_3	7.9	46.3	294.7	12.1	12,700	1.7

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	
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, FYM @ 2 t /ha and 75% of soil test based fertilizer application and Bio-fertilizers : *Azotobacter, Azospirillum and PSB* each @ 4 kg/ha	01	01	03	02	05	

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					
Maize	Kharif	Rainfed upland	Red Laterite	217.8	17.4	292.8	Fallow	07.07.2017	01.11.2017	922.8	52

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	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 @ 10 kg/ha and Sulphur @ 40 kg/ha applied at the time of sowing	05	01	17.1	13.2	29.5	36,100	68,400	32,300	1.9	33,400	52,800	19,400	1.6
Total			05	01	17.1	13.2	29.5	36,100	68,400	32,300	1.9	33,400	52,800	19,400	1.6

* 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
	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
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	05	01	125.8	92.5	36	Rhizome weight (gm) 625.8	Rhizome weight (gm) 410.6	84,500	1,94,990	1,10,490	2.3	71,600	1,43,375	71,775	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.	05	01	118.6	95.4	24.3	Pods/plant 33.9	Pods/plant 20.7	59,100	2,01,620	1,42,520	3.4	53,600	1,62,180	1,08,580	3.0
Cabbage (TSP)	ICM	Hybrid cabbage variety, 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 sowing, 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.	42	05	340.2	191.3	77.8	Curd Wt (kg) 1.44	Curd Wt (kg) 0.695	61,000	1,70,100	1,09,100	2.8	43,800	95,650	51,850	2.2

Gardenpea (TSP)	ICM	FYM 5 t/ha, Var. GS-10, seed treatment with Rhizobium 20g/kg of Seed, Spacing 30x10cm, application of biofertilizers @ 12 kg/ha (Azotobacter + Azospirillum + PSB: 4+4+4= 12 kg/ha), application of boron @ 1kg/ha at the time of sowing, application of 75 % of recommended dose of $N:P_2O_5:K_2O$ as per soil test results and need based application of PP chemicals.	48	05	118.6	69.3	71.1	Pods/plant 34.2	Pods/plant 20.2	59,100	2,01,620	1,42,520	3.4	53,600	1,62,180	1,08,580	3.0
		Total	100	12													

Livestock : **NIL**

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 : **NIL**

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 : **NIL**

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 : **NIL**

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 : **NIL**

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 : **NIL**

Crop	Name of the Hybrid	No. of farmers	Area (ha)	Yield (kg/ha) / major parameter			Economics (Rs./ha)			
Cereals				Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Bajra										
Maize										
Paddy										
Sorghum										
Wheat										
Others (pl.specify)										
Total										
Oilseeds										
Castor										

Mustard										
Safflower										
Sesame										
Sunflower										
Groundnut										
Soybean										
Others (pl.specify)										
Total										
Pulses										
Greengram										
Blackgram										
Bengalgram										
Redgram										
Others (pl.specify)										
Total										
Vegetable crops										
Bottle gourd										
Capsicum										
Cucumber										
Tomato										
Brinjal										
Okra										
Onion										
Potato										
Field bean										
Others (pl.specify)										
Total										
Commercial crops										
Cotton										
Coconut										
Others (pl.specify)										

Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (pl.specify)										
Total										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Groundnut	*Highly effective technology for increasing the yield of groundnut, but the cost of harvesting and threshing is very high.*
2	Turmeric	*Highly effective technology for increasing the yield of turmeric, but the cost of 12.5 MT dry Sal leaf/ha is not always practicable and alternative mulching material should be recommended.*
3	Maize	*Very effective technology for increasing the yield of Maize, but the bio-fertilizers are not available locally. Also manual threshing/shelling is cumbersome.*
4	Garden pea	*Very effective technology for increasing the yield of Garden pea, but the powdery mildew disease severity is more in all the varieties grown in our locality during harvesting time.*

Extension and Training activities under FLD

Sl.No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	01.11.2017 (Maize), 13.01.2018 (Turmeric), 10.10.2017 (Groundnut), 03.02.2018 (Garden pea)	04	200	
2.	Farmers Training	03.07.2017 (Maize), 27.06.2017 & 05.07.2017 (Turmeric), 13.06.2017 (Groundnut), 10.10.2017 & 11.10.2017 (Garden pea)	06	180	
3.	Media coverage	05.02.2018	01	Mass	
4.	Training for extension functionaries	26.03.2018 & 27.03.2018 (2 days) and 28.03.2018 & 29.03.2018 (2 days)	02	60	"Integrated Pest & Disease Management Strategies of Vegetable Crops under changing climatic scenario" and "Enhancing Oilseed Production through technological interventions in Kandhamal District"

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

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	Local Tila	3.8	52	21	420	• Use of improved 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	49	20	5.5	4.7	5.1	182	151	290

							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, 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)	8600	19000	10400	2.2	10300	25500	15200	2.5

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	10182	186.8	5000	713	316	Line sowing, use of high yielding variety, soil test based fertilizer application and timely use of plant protection measures	21.1

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
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	4.8%	Line sowing increased the yield of Niger 4.8 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	12.2%	Use of HYV –Utkal Niger 150 increased the yield of Niger 12.2 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	8.7%	Soil test based fertilizer application increased the yield of Niger 8.7 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	8.5%	timely plant protection measures increased the yield of Niger 8.5 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:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Farmers training	07.09.2017 & 08.09.2017, KVK campus	30
2	Field day	13.12.2017 at Ladamala	50

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Niger	i) Critical input		83,214.00	-
	ii) TA/DA/POL etc. for monitoring		5,000.00	-
	iii) Extension Activities (Field day)		10,000.00	-
	iv)Publication of literature		-	-
	v) Remuneration for Technological Agent		-	-
	vi) Miscellaneous		1,786.00	-
	Total	**1,00,000.00**	**1,00,000.00**	

K. List of Farmer under FLD (Crop wise)

Crop 1 : Niger

Sl. No.	Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/ No)	Recommendations based on soil test value	Brief technology intervention	Variety	Area (ha)	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
							Latitude	Longitude							H	L	A		
1	Amit Kumar Pradhan	Kutu Pradhan	Ladamala	Daringibadi	9439567511		19°59'40.23"N	84°03'46.71"E	Yes	Soil test based fertilizer application (based on the recommended dose of 40:20:20 kg NPK / ha	• Use of improved 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, Neem oil @ 5 ml per liter, Carbendazim + Mancoz	Utkal Niger-150	0.6		5.5	4.7	5.1	3.8	34.2
2	Ranjan Digal	Kalimandar Digal	Ladamala	Daringibadi	8895241996		19°59'40.43"N	84°03'46.70"E	Yes			Utkal Niger-150	0.6						
3	Ishak Pradhan	Patri Pradhan	Karipanga	Daringibadi	8763881138		19°59'41.95"N	84°03'45.48"E	Yes			Utkal Niger-150	0.6						
4	Amarendra Pradhan	Kalidas Pradhan	Karipanga	Daringibadi	9438449952		19°59'36.85"N	84°03'44.38"E	Yes			Utkal Niger-150	0.6						
5	Parti Pradhan	Janaka Pradhan	Karipanga	Daringibadi	9437518558		19°59'35.03"N	84°03'42.33"E	Yes			Utkal Niger-150	0.4						
6	Arun Kumar Pradhan	Kalidas Pradhan	Karipanga	Daringibadi	9438815866		19°59'33.00"N	84°03'43.35"E	Yes			Utkal Niger-150	0.4						
7	Alok Pradhan	Kutu Pradhan	Ladamala	Daringibadi	9439306671		19°59'30.43"N	84°03'52.60"E	Yes			Utkal Niger-150	0.6						
8	Subuta Pradhan	Sulaiman Pradhan	Dadadimaha	Daringibadi	8763155203		19°59'30.90"N	84°03'53.22"E	Yes			Utkal Niger-150	0.6						
9	Tihura Pradhan	Kalidas Pradha	Ladamala	Daringibadi	9439682840		19°59'31.99"N	84°03'53.90"E	Yes			Utkal Niger	0.4						

		n									eb @ 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)	r-150							
10	Jaleswara Pradhan	Sambata Pradhan	Ladamala	Daringibadi	9439267392		19°59'30.84"N	84°03'54.74"E	Yes			Utkal Niger-150	0.6						
11	Kanha Pradhan	Gahi Pradhan	Dadibadi	Daringibadi	7653073562		19°59'30.04"N	84°03'53.69"E	Yes			Utkal Niger-150	0.6						
12	Lada Pradhan	Daba Pradhan	Dadibadi	Daringibadi			19°59'29.71"N	84°03'52.63"E	Yes			Utkal Niger-150	0.6						
13	Dangala Pradhan	Malika Pradhan	Dadibadi	Daringibadi	9438337308		19°59'29.19"N	84°03'53.54"E	Yes			Utkal Niger-150	0.6						
14	Debanda Digal	Baninga Digal	Ladamala	Daringibadi	9439267402		19°59'40.57"N	84°03'45.28"E	Yes			Utkal Niger-150	0.6						
15	Sukanta Pradhan	Subeda Pradhan	Judabadi	Daringibadi	8895721678		19°59'40.33"N	84°03'43.31"E	Yes			Utkal Niger-150	0.6						
16	Sunil Bindhani	Adi Bindhani	Ladamala	Daringibadi	7655919961		19°59'38.68"N	84°03'43.30"E	Yes			Utkal Niger-150	0.2						
17	Sanedra Pradhan	Ketuka Pradhan	Ladamala	Daringibadi	9439689896		19°59'36.61"N	84°03'42.99"E	Yes			Utkal Niger-150	0.4						
18	Nilambara Pradhan	Sambata Pradhan	Ladamala	Daringibadi	8895118796		19°59'35.66"N	84°03'44.86"E	Yes			Utkal Niger-150	0.2						
19	Chandrasekhar Pradhan	Rubada Pradhan	Ladamala	Daringibadi	9439781375		19°59'34.40"N	84°03'45.14"E	Yes			Utkal Niger-150	0.4						
20	Urmila Pradhan	W/o-Rubada Pradhan	Dadibadi	Daringibadi	7655058964		19°59'34.11"N	84°03'46.19"E	Yes			Utkal Niger-150	0.4						
21	Mathyus Pradhan	Dade Pradhan	Kandabada	Raikia	8763184737		20°03'29.80"N	84°15'22.42"E	Yes			Utkal Niger-150	0.4						
22	Manoranjan Pradhan	Bahana Pradhan	Kandabada	Raikia	8895386334		20°03'29.75"N	84°15'21.81"E	Yes			Utkal Niger-150	0.4						
23	Abakasha Nayak	Chakrabarti Nayak	Gundhani	Raikia	9437036302		20°03'28.92"N	84°15'28.55"E	Yes			Utkal Niger-150	0.6						
24	Sajit Nayak	Chakrabarti Nayak	Gundhani	Raikia	9438155578		20°03'27.42"N	84°15'28.02"E	Yes			Utkal Niger-	0.4						

												150							
25	Ramajay Pradhan	Radhanath Pradhan	Patalipanga	Raikia	8763630049		20°00'06.87"N	84°16'24.79"E	Yes			Utkal Niger-150	0.4						
26	Ramakant Pradhan	Radhanath Pradhan	Patalipanga	Raikia	8763830832		20°00'03.04"N	84°16'25.75"E	Yes			Utkal Niger-150	0.4						
27	Padma Charan Pradhan	Mudia Pradhan	Bakingia	Raikia			20°04'59.23"N	84°14'00.54"E	Yes			Utkal Niger-150	0.4						
28	Somanatha Pradhan	Mudia Pradhan	Bakingia	Raikia	9438758964		20°04'59.15"N	84°14'01.35"E	Yes			Utkal Niger-150	0.4						
29	Jayadratha Pradhan	Pusti Pradhan	Patulisahi	Raikia	8895403764		20°04'58.24"N	84°14'02.93"E	Yes			Utkal Niger-150	0.4						
30	Benudhar Pradhan	Jageswar Pradhan	Bakedunaju	Raikia	9437354617		20°04'59.04"N	84°14'03.79"E	Yes			Utkal Niger-150	0.4						
31	Bisikesan Pradhan	Sinunga Pradhan	Kambarikia	Raikia	8895329703		20°03'27.92"N	84°15'21.75"E	Yes			Utkal Niger-150	0.4						
32	Ambika Pradhan	Sibaram Pradhan	Lambadikia	Raikia	9439245672		20°03'27.87"N	84°15'22.51"E	Yes			Utkal Niger-150	0.4						
33	Mohandas Pradhan	Raghunath Pradhan	Dangadanda	Raikia	8763170191		20°04'58.35"N	84°14'03.79"E	Yes			Utkal Niger-150	0.4						
34	N. Rabindra Choudhury	N. Arjuna Choudhury	Podhamari	Raikia	9437244289		20°03'27.90"N	84°15'24.65"E	Yes			Utkal Niger-150	0.4						
35	Sadanand Pradhan	Chaudhai Pradhan	Patalipanga	Raikia			20°00'19.63"N	84°16'20.74"E	Yes			Utkal Niger-150	0.4						
36	Keshab Chandra Digal	Ramnath Digal	Kaligadu	Raikia	9777525386		20°04'57.22"N	84°14'02.90"E	Yes			Utkal Niger-150	0.4						
37	Gaura Chandra Pradhan	Sardar Pradhan	Bearpanga	Raikia			20°04'56.06"N	84°14'01.35"E	Yes			Utkal Niger-150	0.2						
38	Dilu Pradhan	Kailash Pradhan	Dundupanga (Sisapanga)	Raikia			20°03'28.54"N	84°15'27.12"E	Yes			Utkal Niger-150	0.4						
39	Gurudash Pradhan	Bhimasen Pradhan	Kambaguda	Raikia	9438821656		20°03'28.38"N	84°15'26.17"E	Yes			Utkal Niger-150	0.4						

40	Bikadeo Pradhan	Nisada Pradhan	Bakingia	Raikia			20°04'58.22"N	84°14'02.01"E	Yes			Utkal Niger-150	0.2						
41	Mahadev Pradhan	Radhanath Pradhan	Padalipanga	Raikia	9437717161		20°00'19.33"N	84°16'21.34"E	Yes			Utkal Niger-150	0.6						
42	Manoranjana Pradhan	Jugeswar Pradhan	Patolipanga	Raikia			20°00'22.51"N	84°16'21.42"E	Yes			Utkal Niger-150	0.2						
43	Kalichandra Pradhan	Linga Pradhan	Banepanga	Raikia			20°03'29.90"N	84°15'27.58"E	Yes			Utkal Niger-150	0.2						
44	Ashok Pradhan	Damodar Pradhan	Bearpanga	Raikia	8895699076		20°04'58.80"N	84°14'08.21"E	Yes			Utkal Niger-150	0.2						
45	Karunakar Pradhan	Sardai Pradhan	Bearpanga	Raikia			20°04'57.49"N	84°14'08.86"E	Yes			Utkal Niger-150	0.2						
46	Jagannath Pradhan	Debaraj Pradhan	Bearpanga	Raikia	8763050133		20°04'57.50"N	84°14'09.98"E	Yes			Utkal Niger-150	0.2						
47	Debaraj Pradhan	Jaya Pradhan	Bearpanga	Raikia			20°04'56.42"N	84°14'10.11"E	Yes			Utkal Niger-150	0.2						
48	Mukund Pradhan	Sambaria Pradhan	Bearpanga	Raikia			20°04'55.57"N	84°14'09.87"E	Yes			Utkal Niger-150	0.2						
49	Samanta Pradhan	Lokanath Pradhan	Bearpanga	Raikia	9437427921		20°04'59.81"N	84°14'09.49"E	Yes			Utkal Niger-150	0.2						

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

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 (kg/ha)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Mustard	M – 27	4.8	162	56	520	Use of improved variety M-27, Seed rate @ 10 kg/ha, Seed treatment with Vitavax power @ 2	40	20	8.4	7.4	8.0	482	376	200

							gm per kg seed, Line sowing (with spacing 30x10 cm), Application of Boron @ 1kg/ha, Soil test based fertilizer								

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	Use of improved variety M-27, Seed rate @ 10 kg/ha, Seed treatment with Vitavax power @ 2 gm per kg seed, Line sowing (with spacing 30x10 cm), Application of Boron @ 1kg/ha, Soil test based fertilizer	10300	18720	8420	1.8	12400	31200	18800	2.5

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	Use of improved variety M-27, Seed rate @ 10 kg/ha, Seed treatment with Vitavax power @ 2 gm per kg seed, Line sowing (with spacing 30x10 cm), Application of Boron @ 1kg/ha, Soil test based fertilizer	16000	11360	3900	2720	1920	Use of quality seed, soil test based fertilizer use and proper and timely plant protection measures	20.5

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 improved variety M-27, Seed rate @ 10 kg/ha, Seed treatment with Vitavax power @ 2 gm per kg seed, Line sowing (with spacing 30x10 cm), Application of Boron @ 1kg/ha, Soil test based fertilizer	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	14.8%	Line sowing increased the yield of Mustard 14.8 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	20.2%	Use of HYV – M-27 increased the yield of Mustard 20.2 percent over local check using their own variety Kuji Sorisa	Farmers show their interest for using the variety of M-27 as it gives more yield and suitable for their locality
Soil test based fertilizer application	17.9%	Soil test based fertilizer application increased the yield of Mustard 17.9 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 Mustard
Timely plant protection measures	13.8%	timely plant protection measures increased the yield of Mustard 13.8 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	Field Visit	23.09.2017, 04.10.2017, 20.10.2017, 02.11.2017, 24.11.2017 (Delarpadar, Gasaguda, Burbinaju, Jiridikia, Matarpadar, Sinpada, Sirtiguda)	72
	Farmers training	17.10.2017 & 18.10.2017, KVK campus	30
2	Group Meeting	23.10.2017 at Sirtiguda	33
3	Field day	30.11.2017 at Burbinaju	50

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Niger	i) Critical input		74,377	-
	ii) TA/DA/POL etc. for monitoring		12,000	-
	iii) Extension Activities (Field day)		10,000	-
	iv)Publication of literature		20,000	-
	v) Remuneration for Technological Agent		-	-
	vi) Miscellaneous		3,623	-
Total		**1,20,000.00**	**1,20,000.00**	

K. List of Farmer under FLD (Crop wise)

Crop2: Mustard

Sl. No.	Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Area (ha)	Seed quantity used (Kg)	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
							Latitude	Longitude							H	L	A		
1	Pungula Mallick	Basa	Delarpadar	K.Nuagaon			N20°07'00.54"	E83°54'11.50"	Y	Soil test based fertilizer application (based on the recommended dose of 50:25:2 kg NPK / ha	Use of improved variety M 27, Seed rate @ 10 kg/ha, Seed treatment with Vitavax power @ gm per kg seed, Line sowing (with spacing 30x10 cm Application of Boro @ 1kg/ha Soil test based fertilizer	M-27	0.6	6	8.4	7.4	8.0	4.8	66.7
2	Sunakar Mallick	Meta	Delarpadar	K.Nuagaon	9437770 4		N20°07'54.92"	E83°54'09.74"	Y			M-27	0.4	4					
3	Sakrajita Beherdala	Badrinath	Badeketa	K.Nuagaon	8249135 5		N20°08'51.90"	E83°53'59.24"	Y			M-27	0.6	6					
4	Gurumurti Naik	Kabi	Badeketa	K.Nuagaon			N20°07'51.15"	E83°53'00.03"	Y			M-27	0.5	5					
5	Naidu Mallick	Medana	Badeketa	K.Nuagaon			N20°07'50.99"	E83°53'58.11"	Y			M-27	0.2	2					
6	Ramachandra Mallick	Gita	Balipadar	K.Nuagaon	9438342 5		N20°11'30.38"	E83°57'17.64"	Y			M-27	0.4	4					
7	Lambodar Mallick	Patli	Balipadar	K.Nuagaon			N20°11'29.88"	E83°57'18.58"	Y			M-27	0.6	6					
8	Uchhab Mallick	Panua	Balipadar	K.Nuagaon	9437769 6		N20°11'29.89"	E83°57'17.21"	Y			M-27	0.5	5					
9	Paramanand a Mallick	Pada	Sainpada	K.Nuagaon	8480168 2		N20°11'31.54"	E83°57'15.89"	Y			M-27	0.5	5					
10	Nal Pradhan	Sedapu	Jiridikia	K.Nuagaon			N20°11'07.01"	E84°08'14.07"	Y			M-27	0.6	6					
11	Biswanath Pradhan	Natabar	Jiridikia	K.Nuagaon	8280806 2		N20°11'09.41"	E84°08'14.71"	Y			M-27	0.4	4					
12	Muktikant Pradhan	Sirimali	Jiridikia	K.Nuagaon	8763521 6		N20°11'10.70"	E84°08'13.97"	Y			M-27	0.5	5					
13	Trinath Pradhan	Biswapnaha	Gasaguda	K.Nuagaon			N20°11'11.92"	E84°08'15.18"	Y			M-27	0.3	3					
14	Srikanta Pradhan	Mitu	Gasaguda	K.Nuagaon			N20°11'13.70"	E84°08'14.95"	Y			M-27	0.6	6					
15	Niranjan Pradhan	Milenga	Gasaguda	K.Nuagaon	9438397 4		N20°11'14.64"	E84°08'15.61"	Y			M-27	0.5	5					
16	Khageswar Pradhan	Dupa	Jiridikia	K.Nuagaon			N20°11'00.51"	E84°07'44.04"	Y			M-27	0.5	5					
17	Sita Pradhan	Basudev	Gasaguda	K.Nuagaon			N20°11'0.56"	E84°07'45.13"	Y			M-27	0.5	5					
18	Sarmila Pradhan	Kalidas	Gasaguda	K.Nuagaon			N20°11'0.63"	E84°07'43.09"	Y			M-27	0.6	6					
19	Ranjita Majhi	Pandu	Matarpadar	K.Nuagaon			N20°04'48.09"	E84°07'53.84"	Y			M-27	0.5	5					
20	Suratha Majhi	Bansidhar	Matarpadar	K.Nuagaon			N20°04'51.01"	E84°07'52.18"	Y			M-27	0.3	3					
21	Shyam Sundar Majhi	Bansidhar	Matarpadar	K.Nuagaon			N20°04'50.34"	E84°07'51.99"	Y			M-27	0.5	5					
22	Baruna Pradhan	Nirakara	Matarpadar	K.Nuagaon			N20°04'50.02"	E84°07'53.41"	Y			M-27	0.6	6					
23	Sugriba Majhi	Bansidhar	Matarpadar	K.Nuagaon			N20°04'49.40"	E84°07'53.04"	Y			M-27	0.3	3					
24	Khetrabasa Majhi	Kandra	Matarpadar	K.Nuagaon			N20°04'448.09"	E84°07'53.34"	Y			M-27	0.5	5					
25	Anirudha Majhi	Kandra	Matarpadar	K.Nuagaon			N20°04'48.64"	E84°07'53.89"	Y			M-27	0.4	4					
26	Goutama Majhi	Judhistira	Matarpadar	K.Nuagaon			N20°04'47.05"	E84°07'53.67"	Y			M-27	0.6	6					
27	Rameswar Majhi	Madansin	Matarpadar	K.Nuagaon	9438098 0		N20°04'46.90"	E84°07'54.75"	Y			M-27	0.2	2					
28	Kirti Ch Beherdala	Dandua	Sirtiguda	K.Nuagaon			N20°05'23.51"	E84°0'39.46"	Y			M-27	0.5	5					
29	Bipra Beherdala	Trinath	Sirtiguda	K.Nuagaon	9438254 6		N20°05'35.40"	E84°0'19.31"	Y			M-27	0.4	4					

30	Jayachandra Beherdala	Ramakant	Sirtiguda	K.Nuagaon			N20°05'34.80"	E84°0'20.27"	Y			M-27	0.3	3						
31	Prasanta Paika	Siman	Bipedi	K.Nuagaon			N20°05'33.78"	E84°0'20.81"	Y			M-27	0.5	5						
32	Ramakant Beherdala	Dhira	Sirtiguda	K.Nuagaon			N20°05'28.70"	E84°0'34.13"	Y			M-27	0.6	6						
33	Hanaka Pradhan	Sadanand	Burbinaju	Tikabali	8280275	8	N20°10'47.28"	E84°16'51.48	Y			M-27	0.6	6						
34	Sudam Pradhan	Bhimsen	Burbinaju	Tikabali			N20°10'45.99"	E84°16'51.86	Y			M-27	0.6	6						
35	Sukanta Pradhan	Binayak	Burbinaju	Tikabali	9438812	5	N20°10'45.41"	E84°16'52.93	Y			M-27	0.7	7						
36	Anandeswr Pradhan	Basudev	Burbinaju	Tikabali			N20°10'46.80"	E84°16'53.79	Y			M-27	0.5	5						
37	Janapriya Pradhan	Subrat	Burbinaju	Tikabali			N20°10'46.75"	E84°16'50.21	Y			M-27	0.7	7						
38	Adala Pradhan	Patri	Burbinaju	Tikabali			N20°10'46.17"	E84°16'51.21	Y			M-27	0.6	6						
39	Jaya ch. Pradhan	Ramanath	Burbinaju	Tikabali			N20°10'45.31"	E84°16'52.97	Y			M-27	0.7	7						
40	Manoj Pradhan	Misiram	Burbinaju	Tikabali			N20°10'43.32"	E84°16'50.73"	Y			M-27	0.6	6						

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

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 (kg/ha)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Blackgram	Local Biri	3.9	75	65	510	• Variety: PU-31 • Seed rate @ 25 kg/ha • Line sowing (with spacing 25x10 cm) • Seed inoculation with *Rhizobium* @ 20 gm/kg seed • Soil test based fertilizer application (based on the recommended dose of 20:40:20 kg NPK / ha) Alternate sprayings of Thiomethoxam @ 5gm/15 liter of water and Cloropyriphos + Cypermethrin @ 2 ml / lit.	137	30	7.7	6.4	7.0	385	245	200

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: PU-31 • Seed rate @ 25 kg/ha • Line sowing (with spacing 25x10 cm) • Seed inoculation with *Rhizobium* @ 20 gm/kg seed • Soil test based fertilizer application (based on the recommended dose of 20:40:20 kg NPK / ha) • Alternate sprayings of Thiomethoxam @ 5gm/15 liter of water and Cloropyriphos + Cypermethrin @ 2 ml / lit.	11400	21060	9660	1.8	15900	37800	21900	2.4

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	Blackgram, Var.-PU-31	21000	123	5400	5250	1050	Line sowing, use of high yielding variety,soil test based fertilizer application with biofertilizer and timely use of 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	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	11.9%	Line sowing increased the yield of blackgram 11.9 per cent over broad casting sowing in case of local check	Farmers accepted the technology due to higher yield
Use of high yielding variety	31.8%	Use of HYV –PU 31 increased the yield of blackgram 31.8 per cent over local check using their own variety local biri	Farmers accepted the technology due to higher yield and net return
Soil test based fertilizer application	19.9%	Soil test based fertilizer application with bio-fertilizer increased the yield of blackgram 19.9 per cent over local check where suboptimal dose of fertilizers were applied	Farmers accepted the technology due to higher yield
Timely plant protection measures	15.9%	timely plant protection measures increased the yield of blackgram 15.9 per cent 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**	**20.10.2017 & 21.10.2017, KVK campus**	**30**
2	**Field day**	**30.11.17 at Sonpur**	**50**

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Blackgram	i) Critical input		126869.00	-
	ii) TA/DA/POL etc. for monitoring		22,500.00	-
	iii) Extension Activities (Field day)		10,000.00	-
	iv)Publication of literature		20,000.00	-
	v) Remuneration for Technological Agent		10,000.00	10,000.00
	vi) Miscellaneous		5,631.00	20,000.00
Total		**2,25,000.00**	**1,95,000.00**	**30,000.00**

K. List of Farmer under FLD (Crop wise)

c) Crop 3: Blackgram

Sl. No.	Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/ No)	Recommendations based on soil test value	Brief technology intervention	Variety	Area (ha)	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
							Latitude	Longitude							H	L	A		
1	Maheswar Badaika	Chatriban Badaika	Sonpur	Daringbadi			N19°46'53.73"	E084°03'21.43"	Yes	Soil test based fertilizer application (based on the recommended dose of 20:40:20 kg NPK / ha)	• Seed rate @ 25 kg/ha • Line sowing (with spacing 25x10 cm) • Seed inoculation with Rhizobium @ 20 gm/kg seed • Soil test based fertilizer application (based on the recommended dose of 20:40:20	PU 31	0.2	5	7.7	6.4	7	3.9	79.5
2	Belarsen Beherdalai	Radheshyam Beherdalai	Sonpur	Daringbadi			N19°46'43.27"	E084°03'10.28"	Yes			PU 31	0.32	8					
3	Urmila Dandasena	Adikanda Dandasena	Sonpur	Daringbadi			N19°46'52.13"	E084°03'26.12"	Yes			PU 31	0.12	3					
4	Keshab Beherdalai	Kalia Beherdalai	Sonpur	Daringbadi			N19°46'52.10"	E084°03'26.76"	Yes			PU 31	0.2	5					
5	Laxmidhar Dandasena	Bibhisan Dandasena	Sonpur	Daringbadi			N19°46'52.57"	E084°03'27.87"	Yes			PU 31	0.28	7					
6	Jagannath Dandasena	Bali Dandasena	Sonpur	Daringbadi			N19°46'52.73"	E084°03'28.77"	Yes			PU 31	0.24	6					
7	Manoj Dandasena	Adikanda Dandasena	Sonpur	Daringbadi			N19°46'54.19"	E084°03'27.01"	Yes			PU 31	0.12	3					

8	Padman Dandasena	Bali Dandasena	Sonpur	Daringbadi			N19°46'54.03"	E084°03'28.08"	Yes		kg NPK / ha) • Alternate sprayings of Thiomethoxam @ 5gm/15 liter of water and Cloropyriphos + Cypermethrin @ 2 ml / lit.	PU 31	0.12	3					
9	Bipra Beheradalai	Sikandar Beherdalai	Sonpur	Daringbadi			N19°46'55.69"	E084°03'27.32"	Yes			PU 31	0.2	5					
10	Rohit Dandasena	Harischandra	Sonpur	Daringbadi			N19°46'56.93"	E084°03'27.39"	Yes			PU 31	0.2	5					
11	Pratap Beheradalai	Surendra Beherdalai	Sonpur	Daringbadi			N19°46'56.14"	E084°03'30.11"	Yes			PU 31	0.12	3					
12	Kanhu Dandasena	Lata Dandasena	Sonpur	Daringbadi			N19°46'58.14"	E084°03'29.25"	Yes			PU 31	0.16	4					
13	Sarala Badaika	Prakash Badaika	Sonpur	Daringbadi			N19°46'58.77"	E084°03'27.59"	Yes			PU 31	0.2	5					
14	Sanatan Beheradalai	Harischandra Beherdalai	Sonpur	Daringbadi			N19°46'52.32"	E084°03'31.12"	Yes			PU 31	0.12	3					
15	Sanuj Badaika	Gaura Chandra Badaika	Sonpur	Daringbadi			N19°46'52.41"	E084°03'32.72"	Yes			PU 31	0.12	3					
16	Sanjib Badaika	Gaura Chandra Badaika	Sonpur	Daringbadi			N19°46'53.39"	E084°03'34.47"	Yes			PU 31	0.12	3					
17	Debendra Patra	Chandan Patra	Sonpur	Daringbadi			N19°46'54.28"	E084°03'33.55"	Yes			PU 31	0.24	6					
18	Raju Beheradalai	Parama Beherdalai	Sonpur	Daringbadi			N19°46'55.26"	E084°03'34.58"	Yes			PU 31	0.16	4					
19	Sunasir Dandasena	Angada Dandasena	Sonpur	Daringbadi			N19°46'57.53"	E084°03'32.50"	Yes			PU 31	0.12	3					
20	Saraswati Beheradalai	Bhaskar Beherdalai	Sonpur	Daringbadi			N19°46'58.66"	E084°03'31.92"	Yes			PU 31	0.16	4					
21	Rabi Beheradalai	Sikandar Beherdalai	Sonpur	Daringbadi			N19°46'47.76"	E084°03'26.70"	Yes			PU 31	0.12	3					
22	Kirtan Dandasena	Bibhisan Dandasena	Sonpur	Daringbadi			N19°46'48.25"	E084°03'27.69"	Yes			PU 31	0.08	2					
23	Purna Ch. Beheradalai	Goreka Beherdalai	Sonpur	Daringbadi			N19°46'49.11"	E084°03'28.12"	Yes			PU 31	0.12	3					
24	Uma Sankar Dandasena	Simanchal Dandasena	Sonpur	Daringbadi			N19°46'49.79"	E084°03'27.13"	Yes			PU 31	0.12	3					
25	Keshab Chandra Dandasena	Durban Dandasena	Sonpur	Daringbadi			N19°46'36.02"	E084°03'23.15"	Yes			PU 31	0.2	5					
26	Sabitri Badaik	Kartik Badaika	Sonpur	Daringbadi			N19°46'36.24"	E084°03'24.07"	Yes			PU 31	0.12	3					
27	Markanda Dandasena	Bisikesana Dandasena	Sonpur	Daringbadi			N19°46'36.98"	E084°03'24.45"	Yes			PU 31	0.2	5					
28	Chakradhar Dandasena	Batsha Dandasena	Sonpur	Daringbadi			N19°46'36.69"	E084°03'26.69"	Yes			PU 31	0.2	5					
29	Junaika Badaik	Pitabash Badaika	Sonpur	Daringbadi			N19°46'37.09"	E084°03'29.35"	Yes			PU 31	0.32	8					
30	Pabitra Dandasena	Phula Dandasena	Sonpur	Daringbadi			N19°46'36.38"	E084°03'29.13"	Yes			PU 31	0.12	3					
31	Sudhir Majhi	Taju Majhi	Dhusarigaon	Daringbadi			N19°42'21.90"	E083°58'34.47"	Yes			PU 31	0.16	4					
32	Siman Majhi	Tulu Majhi	Dhusarigaon	Daringbadi			N19°42'25.36"	E083°58'35.21"	Yes			PU 31	0.2	5					

33	Arjun Majhi	Ditera Majhi	Dhusari gaon	Daring badi			N19°42'19.24"	E083°58'36.09"	Yes			PU 31	0.12	3					
34	Amash Majhi	Katki Majhi	Dhusari gaon	Daring badi			N19°42'18.27"	E083°58'37.72"	Yes			PU 31	0.16	4					
35	Rekha Majhi	Medadara Majhi	Dhusari gaon	Daring badi			N19°42'24.42"	E083°58'34.40"	Yes			PU 31	0.08	2					
36	Mahagu Majhi	Kale Majhi	Dhusari gaon	Daring badi			N19°42'21.75"	E083°58'34.70"	Yes			PU 31	0.12	3					
37	Kerasa Majhi	Pujura Majhi	Dhusari gaon	Daring badi			N19°42'23.24"	E083°58'34.75"	Yes			PU 31	0.16	4					
38	Pakala Majhi	Puala Majhi	Dhusari gaon	Daring badi			N19°42'22.93"	E083°58'35.55"	Yes			PU 31	0.12	3					
39	Basa Majhi	Dalasa Majhi	Dhusari gaon	Daring badi			N19°42'22.38"	E083°58'35.30"	Yes			PU 31	0.2	5					
40	Minati Majhi	Kailash Majhi	Dhusari gaon	Daring badi			N19°42'22.36"	E083°58'34.84"	Yes			PU 31	0.08	2					
41	Nareswar Majhi	Balba Majhi	Dhusari gaon	Daring badi			N19°42'22.37"	E083°58'34.28"	Yes			PU 31	0.12	3					
42	Pera Nanda Majhi	Pakala Majhi	Dhusari gaon	Daring badi			N19°42'22.26"	E083°58'33.92"	Yes			PU 31	0.12	3					
43	Gachasa Majhi	Dadri Majhi	Dhusari gaon	Daring badi			N19°42'21.74"	E083°58'34.11"	Yes			PU 31	0.12	3					
44	Buruka Majhi	Bada Majhi	Dhusari gaon	Daring badi			N19°42'21.62"	E083°58'34.99"	Yes			PU 31	0.24	6					
45	Herada Majhi	Kamba Majhi	Dhusari gaon	Daring badi			N19°42'21.60"	E083°58'35.94"	Yes			PU 31	0.12	3					
46	Tambla Majhi	Marccha Majhi	Dhusari gaon	Daring badi			N19°42'21.12"	E083°58'34.47"	Yes			PU 31	0.28	7					
47	Tateda Majhi	Balba Majhi	Dhusari gaon	Daring badi			N19°42'21.15"	E083°58'35.32"	Yes			PU 31	0.2	5					
48	Sisir Majhi	Sera Majhi	Dhusari gaon	Daring badi			N19°42'21.23"	E083°58'35.93"	Yes			PU 31	0.12	3					
49	Rajendra Majhi	Bako Majhi	Dhusari gaon	Daring badi			N19°42'20.73"	E083°58'36.04"	Yes			PU 31	0.16	4					
50	Sikera Majhi	Aninga Majhi	Dhusari gaon	Daring badi			N19°42'20.65"	E083°58'35.53"	Yes			PU 31	0.12	3					
51	Jaina Majhi	Date Majhi	Dhusari gaon	Daring badi			N19°42'20.05"	E083°58'35.56"	Yes			PU 31	0.2	5					
52	Arjun Patmajhi	Gagu Patmajhi	Dhusari gaon	Daring badi			N19°42'19.62"	E083°58'36.26"	Yes			PU 31	0.12	3					
53	Sudarshan Patmajhi	Lala Patmajhi	Dhusari gaon	Daring badi			N19°42'19.56"	E083°58'36.83"	Yes			PU 31	0.2	5					
54	Guri Majhi	Kale Majhi	Dhusari gaon	Daring badi			N19°42'18.85"	E083°58'36.95"	Yes			PU 31	0.16	4					
55	Rauth Majhi	Ditera Majhi	Dhusari gaon	Daring badi			N19°42'18.82"	E083°58'36.30"	Yes			PU 31	0.12	3					
56	Biswanath Majhi	Dela Majhi	Dhusari gaon	Daring badi			N19°42'18.88"	E083°58'35.55"	Yes			PU 31	0.08	2					
57	Subhadra Majhi	Braja Majhi	Dhusari gaon	Daring badi			N19°42'18.49"	E083°58'35.02"	Yes			PU 31	0.12	3					
58	Muchudalu Majhi	Padana Majhi	Dhusari gaon	Daring badi			N19°42'18.14"	E083°58'35.81"	Yes			PU 31	0.12	3					
59	Kirlisa Majhi	Budela Majhi	Dhusari gaon	Daring badi			N19°42'17.59"	E083°58'35.51"	Yes			PU 31	0.08	2					
60	Lajana Majhi	Sena Majhi	Dhusari gaon	Daring badi			N19°42'17.68"	E083°58'34.42"	Yes			PU 31	0.16	4					
61	Palunga Patmajhi	Pangasa Patmajhi	Dhusari gaon	Daring badi			N19°42'17.10"	E083°58'34.24"	Yes			PU 31	0.12	3					
62	Daguda Majhi	Drigula Majhi	Dhusari gaon	Daring badi			N19°42'17.10"	E083°58'35.14"	Yes			PU 31	0.08	2					
63	Sabita Majhi	Padata Majhi	Dhusari gaon	Daring badi			N19°42'16.64"	E083°58'53.63"	Yes			PU 31	0.2	5					
64	Jatin Ku. Sunamajhi	Biri Sunamajhi	Dhusari gaon	Daring badi			N19°42'16.38"	E083°58'34.95"	Yes			PU 31	0.12	3					
65	Janaki Digal	Senapati Digal	Kambaguda	Chakapada	9439042472		N20°14'07.85"	E084°26'15.28"	Yes			PU 31	0.36	9					
66	Rajesh Digal	Thakura Digal	Kambaguda	Chakapada	9439113849		N20°13'29.95"	E084°26'24.20"	Yes			PU 31	0.16	4					
67	Sumanta Pradhan	Kabula Pradhan	Kambaguda	Chakapada	8280154631		N20°13'29.30"	E084°26'24.55"	Yes			PU 31	0.24	6					
68	Gokula Kanhar	Bisuba Kanhar	Kambaguda	Chakapada	8763510948		N20°13'29.51"	E084°26'24.02"	Yes			PU 31	0.2	5					

69	Dhanaspati Digal	Kirtana Digal	Kambaguda	Chakapada	8763937496		N20°13'28.32"	E084°26'24.09"	Yes			PU	31	0.2	5				
70	Ananta Digal	Kirtana Digal	Kambaguda	Chakapada	9439469386		N20°13'29.95"	E084°26'24.20"	Yes			PU	31	0.2	5				
71	Suryata Palia	Niranjan Palia	Kambaguda	Chakapada	7655099173		N20°13'29.95"	E084°26'24.20"	Yes			PU	31	0.28	7				
72	Gopabandhu Palia	Jadunath Palia	Kambaguda	Chakapada	8895730281		N20°13'29.95"	E084°26'24.20"	Yes			PU	31	0.2	5				
73	Sunil Palia	Jadunath Palia	Kambaguda	Chakapada	8895581096		N20°13'29.44"	E084°26'23.77"	Yes			PU	31	0.24	6				
74	Udasini palia	Sudarsan Palia	Kambaguda	Chakapada	7656089634		N20°13'29.45"	E084°26'22.59"	Yes			PU	31	0.4	10				
75	Mandodari Palia	Kishor Chandra Palia	Kambaguda	Chakapada	8763093748		N20°13'29.05"	E084°26'21.44"	Yes			PU	31	0.24	6				
76	Labanya Palia	Manoj Palia	Kambaguda	Chakapada	8895802935		N20°13'28.80"	E084°26'19.54"	Yes			PU	31	0.16	4				
77	Utara Palia	Maheswar Palia	Kambaguda	Chakapada	9439181662		N20°13'28.43"	E084°26'19.29"	Yes			PU	31	0.16	4				
78	Linki Palia	Manoj Palia	Kambaguda	Chakapada	8895394615		N20°13'28.38"	E084°26'19.94"	Yes			PU	31	0.2	5				
79	Prabhasini Mallick	Srikant Mallick	Kambaguda	Chakapada	8763364352		N20°13'27.88"	E084°26'22.25"	Yes			PU	31	0.24	6				
80	Namita Bindhani	Rajan Bindhani	Kambaguda	Chakapada	8895829335		N20°13'26.88"	E084°26'22.27"	Yes			PU	31	0.2	5				
81	Sumitra Bindhani	Janak Bindhani	Kambaguda	Chakapada	7655922356		N20°13'26.70"	E084°26'21.55"	Yes			PU	31	0.2	5				
82	Majia Digal	Lange Digal	Kambaguda	Chakapada	9438634297		N20°14'06.29"	E084°26'13.38"	Yes			PU	31	0.24	6				
83	Chandrakanta Mallick	Sukuru Mallick	Kambaguda	Chakapada	8895854977		N20°14'05.64"	E084°26'13.17"	Yes			PU	31	0.32	8				
84	Mithun Mallick	Chandrakanta Mallick	Kambaguda	Chakapada	8763823799		N20°14'07.46"	E084°26'12.36"	Yes			PU	31	0.28	7				
85	Bhimasena Mallick	Suburu Mallick	Kambaguda	Chakapada	9439264585		N20°13'32.76"	E084°26'21.73"	Yes			PU	31	0.2	5				
86	Purna Chandra Kanhar	Judhistira Kanhar	Raipada	Chakapada	8280553726		N20°15'34.13"	E084°24'24.41"	Yes			PU	31	0.16	4				
87	Rasmita Kanhar	Biswambar Kanhar	Raipada	Chakapada	7655957085		N20°15'32.84"	E084°26'25.99"	Yes			PU	31	0.2	5				
88	Bimal Kumar Jani	Bhima Jani	Raipada	Chakapada	8895120374		N20°15'35.05"	E084°26'28.20"	Yes			PU	31	0.16	4				
89	Natha Mallick	Kaliasingh Mallick	Raipada	Chakapada	7655054684		N20°15'34.88"	E084°26'28.23"	Yes			PU	31	0.2	5				
90	Syamaghana Mallick	Gane Mallick	Raipada	Chakapada	7655059684		N20°15'34.36"	E084°26'28.28"	Yes			PU	31	0.28	7				
91	Janak Mallick	Bismata Mallick	Raipada	Chakapada	8763056277		N20°15'36.58"	E084°26'22.61"	Yes			PU	31	0.2	5				
92	Belarsen Mallick	Bismath Mallick	Raipada	Chakapada	8763942175		N20°15'36.40"	E084°26'23.49"	Yes			PU	31	0.24	6				
93	Bana Mallick	Sriram Mallick	Raipada	Chakapada	8763439480		N20°15'36.54"	E084°26'22.99"	Yes			PU	31	0.2	5				
94	Bijay Pradhan	Pirendra Pradhan	Raipada	Chakapada	9439146943		N20°15'36.22"	E084°26'23.99"	Yes			PU	31	0.16	4				
95	Padmini Mallick	Kam Mallick	Raipada	Chakapada	9438723294		N20°15'35.66"	E084°26'23.37"	Yes			PU	31	0.28	7				
96	Kapilash Mallick	Dhangal Mallick	Raipada	Chakapada	8480050898		N20°15'35.63"	E084°26'23.94"	Yes			PU	31	0.16	4				
97	Jaleswar Mallick	Malu Mallick	Raipada	Chakapada			N20°15'35.99"	E084°26'24.64"	Yes			PU	31	0.24	6				
98	Abhimanyu Mallick	Mangula Mallick	Raipada	Chakapada	8480050898		N20°15'35.56"	E084°26'24.99"	Yes			PU	31	0.2	5				
99	Balindra Mallick	Sridhara Mallick	Raipada	Chakapada	8763240281		N20°15'34.95"	E084°26'24.66"	Yes			PU	31	0.2	5				
100	Gajendra Mallick	Tumbe Mallick	Raipada	Chakapada	8763240281		N20°15'34.60"	E084°26'26.41"	Yes			PU	31	0.24	6				

101	Andu Kanhar	Kika Kanhar	Raipada	Chakapada	8895721932		N20°15'32.84"	E084°26'26.36"	Yes			PU31	0.28	7					
102	Lingaraj Mallick	Parsuram Mallick	Raipada	Chakapada	9439066299		N20°15'33.78"	E084°26'28.54"	Yes			PU31	0.16	4					
103	Umachandra Pradhan	Bibal Pradhan	Raipada	Chakapada	9439140196		N20°15'33.20"	E084°26'28.62"	Yes			PU31	0.28	7					
104	Narayan Pradhan	Digambar Pradhan	Raipada	Chakapada	9438257707		N20°15'33.04"	E084°26'27.90"	Yes			PU31	0.16	4					
105	Upendra Pradhan	Sadhan Pradhan	Raipada	Chakapada	7653000585		N20°15'33.00"	E084°26'27.49"	Yes			PU31	0.2	5					
106	Balunkeswar Pradhan	Sadhana Pradhan	Raipada	Chakapada	9437770467		N20°15'32.32"	E084°26'28.77"	Yes			PU31	0.2	5					
107	Tunia Pradhan	Balasingh Pradhan	Raipada	Chakapada	8280649830		N20°15'34.56"	E084°26'29.77"	Yes			PU31	0.24	6					
108	Rameswar Pradhan	Siba Pradhan	Raipada	Chakapada	9439958801		N20°15'36.78"	E084°26'29.14"	Yes			PU31	0.28	7					
109	Pakhia Pradhan	Balasingha Pradhan	Raipada	Chakapada	8280005843		N20°15'32.00"	E084°26'28.81"	Yes			PU31	0.16	4					
110	Manaranjan Nayak	Udaya Nayak	Malerimaha	Tikabali	8895701626		N20°08'28.84"	E084°14'56.31"	Yes			PU31	0.32	8					
111	Rajshri Nayak	Bagirathia Nayak	Malerimaha	Tikabali			N20°08'27.11"	E084°14'56.29"	Yes			PU31	0.44	11					
112	Dillip Ku Mohapatra	Dayanidhi Mohapatra	Malerimaha	Tikabali			N20°08'27.88"	E084°14'57.20"	Yes			PU31	0.28	7					
113	Dayanidhi Pradhan	Ratha Pradhan	Paburia	Tikabali			N20°09'15.29"	E084°15'08.78"	Yes			PU31	0.32	8					
114	Dhurman Pradhan	Jeta Pradhan	Barasahi	Tikabali			N20°09'15.29"	E084°15'08.78"	Yes			PU31	0.44	11					
115	Natabar Pradhan	Ratha Pradhan	Paburia	Tikabali			N20°09'14.71"	E084°15'10.00"	Yes			PU31	0.4	10					
116	Sunil Pradhan	Abalakara Pradhan	Paburia	Tikabali			N20°09'14.19"	E084°15'10.69"	Yes			PU31	0.4	10					
117	Abalakara Pradhan	Inikisi Pradhan	Paburia	Tikabali			N20°09'15.25"	E084°15'10.45"	Yes			PU31	0.28	7					
118	Dhruba Ch Pradhan	Paramananda Pradhan	Malerimaha	Tikabali			N20°08'30.15"	E084°14'57.07"	Yes			PU31	0.36	9					
119	Kabiraj Pradhan	Jalandhar Pradhan	Penagoberi	Tikabali			N20°10'33.12"	E084°15'29.83"	Yes			PU31	0.48	12					
120	Bramhananda Mallick	Sachidananda Mallick	Kutigud a	Tikabali			N20°09'15.98"	E084°15'09.53"	Yes			PU31	0.4	10					
121	Anirudha Pradhan	Pinalik Pradhan	Kutigud a	Tikabali			N20°09'17.04"	E084°15'10.05"	Yes			PU31	0.36	9					
122	Sahadev Pradhan	Baman Pradhan	Kutigud a	Tikabali			N20°09'17.11"	E084°15'09.86"	Yes			PU31	0.36	9					
123	Madhia Pradhan	Matakada Pradhan	Kutigud a	Tikabali			N20°09'16.31"	E084°15'10.93"	Yes			PU31	0.36	9					
124	Pabitra Pradhan	Pinalik Pradhan					N20°09'15.77"	E084°15'11.89"	Yes			PU31	0.28	7					
125	Dandapani Pradhan	Matakada Pradhan					N20°09'18.82"	E084°15'09.80"	Yes			PU31	0.32	8					
126	Tanima Pradhan	Jahan Pradhan					N20°09'18.88"	E084°15'11.28"	Yes			PU31	0.32	8					
127	Jayaram Pradhan	Santanu Pradhan					N20°08'26.79"	E084°14'58.18"	Yes			PU31	0.32	8					
128	Samant Pradhan	Duryodhan Pradhan					N20°12'58.74"	E084°17'05.75"	Yes			PU31	0.4	10					
129	Rohita Pradhan	Duryodhan Pradhan					N20°13'03.66"	E084°17'02.49"	Yes			PU31	0.36	9					

130	Rajata Ku Pradhan	Rohita Pradhan					N20°12'59.51"	E084°17'06.80"	Yes			PU 31	0.32	8					
131	Duta Behera	Dhani Behera					N20°13'02.87"	E084°17'03.98"	Yes			PU 31	0.28	7					
132	Chandramani Pradhan	Kamsree Pradhan					N20°13'03.37"	E084°17'04.51"	Yes			PU 31	0.32	8					
133	Balabanta Pradhan	Dana Pradhan					N20°13'02.06"	E084°17'05.22"	Yes			PU 31	0.32	8					
134	Lilima Pradhan	Pita Pradhan					N20°13'05.77"	E084°17'01.90"	Yes			PU 31	0.36	9					
135	Barun Nayak	Parameswar Nayak					N20°13'04.08"	E084°17'03.81"	Yes			PU 31	0.32	8					
136	Abhimanyu Pradhan	Dhrubacharan Pradhan					N20°13'03.23"	E084°17'03.24"	Yes			PU 31	0.4	10					
137	Kumaramani Digal	Aringa Digal					N20°09'19.69"	E084°15'07.71"	Yes			PU 31	0.4	10					

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

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 (kg/ha)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Field pea	Local matar	10.92	472	354	1408	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 Hydrochloride @ 1 gm/ lit. twice at 15 days interval	363	40	23.4	15.8	19.55	1335	1217	545

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	➢ Use of improved variety Prakash	20550	43680	23130	2.1	26800	78200	51400	2.9

	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 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)
1	Fieldpea (Prakash)	78200	166	4000	11730	6256	Line sowing, use of high yielding variety,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
1	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	11.5%	Line sowing increased the yield of field pea 11.5 per cent over broad casting sowing in case of local	Farmers accepted the technology due to higher yield and easy for intercultural operation

		check	
Use of high yielding variety	30.6%	Use of HYV Prakash increased the yield of field pea 30.6 per cent 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	19.3%	Soil test based fertilizer application with bio-fertilizer increased the yield of field pea 19.3 per cent over local check where suboptimal dose of fertilizers were applied	Farmers accepted the technology due to higher yield and return
Timely plant protection measures	17.6%	timely plant protection measures increased the yield of field pea 17.6 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**	**30.01.2018 & 31.01.2018, KVK campus**	**30**
2	**Field day**	**17.03.18 at Beerpanga**	**50**

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	**Items**	**Budget Received (Rs.)**	**Budget Utilization (Rs.)**	**Balance (Rs.)**
Field pea	i) Critical input		197409.00	-
	ii) TA/DA/POL etc. for monitoring		30000.00	-
	iii) Extension Activities (Field day)		10,000.00	-
	iv)Publication of literature		20,000.00	-
	v) Remuneration for Technological Agent		20,000.00	-
	vi) Miscellaneous		22591.00	-
Total		**3,00,000.00**	**300,000.00**	

K. List of Farmer under FLD (Crop wise)

Crop4: Field pea

Sl.No.	**Name**	**Father's Name**	**Village**	**Seed (kg)**	**Area (ha)**	**Yield (q/ha)**	
						FR	**Demonstration**
1	Manoranjan Pradhan	Yogeswar	Patallipanga	4	0.08	12.2	22
2	Pabitra Pradhan	Sakara	Mandakia	5	0.1	11.3	19.4
3	Jogendra Pradhan	Kataka	Mandakia	5	0.1	10.9	20.1
4	Padma Charan Mallick	Natabar	Sandareju	4	0.08	11.6	21.4
5	Mithun Ch. Pradhan	Saranga	Bandapanga	4	0.08	11.9	22.4

6	Sarat Ku. Pradhan	Uma Ch.	Beradakia	4	0.08	12.1	22.5
7	Subal Pradhan	Dalapati	Kapuguta	4	0.08	11.9	22.1
8	Ramakanta Pradhan	Trinath	Bakingia	5	0.1	11.8	21.6
9	Niranjan Pradhan	Laba	Raikia	4	0.08	11.2	19.4
10	Nageswar Pradhan	Bhanja	Latedi	5	0.1	11.1	18.4
11	Lui Pradhan	Rambisi	Bakingia	3	0.06	11.4	20.4
12	Ashok Pradhan	Damodar	Bearpanga	2	0.04	11.5	18.4
13	Sibaram Digal	Dandapani	Lamungia	4	0.08	11.6	18.7
14	Budhadev Mallick	Andra	Bedaguba	3	0.06	10.8	19.3
15	Josheph Pradhan	Biswanath	Sisapanga	4	0.08	11.5	21.4
16	Lakshmibati Digal	Balab	Lamungia	5	0.1	10.2	17.5
17	Banchanidhi Pradhan	Seli	Bakingia	2	0.04	10.6	18.9
18	Ramjaya Pradhan	Radhanath	Patalipanga	5	0.1	9.6	19.1
19	Binod Pradhan	Balakrushna	Manikeswar	4	0.08	9.8	20.1
20	Chaitanya Pradhan	Manyabar	Pataliganga	4	0.08	12.5	17.9
21	Sisir Pradhan	Betu	Kambarikia	5	0.1	10.1	18.6
22	Jikhariya Nayak	Sidheswar	Kambarikia	4	0.08	11.4	20.5
23	Amosh Ch. Pradhan	Gobira	Kambarikia	5	0.1	10.5	18.6
24	Bijaya Kumar Pradhan	Balabant	Bakingia	5	0.1	11.7	19.5
25	Sanjaya Kumar Pradhan	Indranath	Bearpanga	5	0.1	10.2	20.4
26	Prusti Pradhan	Paila	Tatamaha	5	0.1	12.8	21.8
27	Dushasan Pradhan	Sinunga	Kambarikia	5	0.1	12.4	22.9
28	Charana Pradhan	Mestura	Sisapanga	2	0.04	12.3	22.1
29	Sarangadhar Pradhan	Kikili	Bakingia	5	0.1	11.2	19
30	Mathweu Pradhan	Dade	Kandabadi	5	0.1	11.7	19.1
31	Ashok Pradhan	Jogeswar	Sisapanga	4	0.08	10.8	17.5
32	Susila Digal	Mendo	Alankupa	4	0.08	11.3	17.6
33	Sarbeswar Pradhan	Jadumani	Sisapanga	5	0.1	12.1	18.7
34	Prasanta Kumar Pradhan	Dalapati	Kapuguta	5	0.1	10.9	18.3
35	Sujit Kumar Pradhan	Radhanath	Dadingia	5	0.1	10.8	19.6
36	Syaban Pradhan	Abini	Rishabhuin	5	0.1	11.6	20.4
37	Dayanidhi Nayak	Saita	Rishabhuin	8	0.16	10.3	18.5
38	Ashok Nayak	Udaya	Rishabhuin	8	0.16	11.5	21.4
39	Bighnesh Nayak	Gobira	Rishabhuin	10	0.2	12	21.6
40	Khalia Nayak	Chaitanya	Rishabhuin	7	0.14	11.1	20.8
41	Ramchandra Nayak	Arjun	Rishabhuin	5	0.1	10.9	18.5
42	Duryadhan Nayak	Damburu	Rishabhuin	10	0.2	11.8	20.7
43	Bijay Nayak	Banchha	Rishabhuin	10	0.2	11.2	21.4
44	Sajani Nayak	Damburu	Rishabhuin	5	0.1	10.9	21.4
45	Padmanabh Nayak	Abhimanyu	Rishabhuin	5	0.1	10.8	18.6
46	Bhajaman Nayak	Khadal Nayak	Rishabhuin	10	0.2	10.9	21.4
47	Prakash Nayak	Dibakar	Rishabhuin	4	0.08	9.9	17.8
48	Chandama Nayak	Kedar	Rishabhuin	10	0.2	10.5	18.6
49	Sudarsan Nayak	Mahadeb	Naipatta	5	0.1	10.6	18.4
50	Kalia Nayak	Nubin	Naipatta	10	0.2	10.1	18.4
51	Prasana Nayak	Dushasan	Naipatta	5	0.1	11.8	21.4

52	Juria Nayak	Dushasan	Naipatta	5	0.1	11.5	20.6
53	Surya Nayak	Nurshu	Naipatta	10	0.2	11.6	20.1
54	Khira Nayak	Bachha	Naipatta	10	0.2	10.4	18.9
55	Mitha Nayak	Mahadeb	Naipatta	5	0.1	12.4	22.8
56	Tapaswini Nayak	Puria	Naipatta	10	0.2	12.5	22.9
57	Ragheswar Nayak	Bhubana	Naipatta	5	0.1	12.4	21.4
58	Abhimanyu Nayak	Indra	Naipatta	10	0.2	12.9	22.4
59	Sonia Dalabehera	Parshu	Gandharibhumi	10	0.2	10.9	19.6
60	Kantanu Dalabehera	Parshu	Gandharibhumi	5	0.1	12.7	22.1
61	Ranjit Dalabehera	Kantanu	Gandharibhumi	10	0.2	10.1	20.4
62	Sudeshna Nayak	Rabindra	Gandharibhumi	5	0.1	10	20.4
63	Panchanan Dalabehera	Parshu	Gandharibhumi	15	0.3	12.4	22.1
64	Prafula Dalabehera	Arakhita	Gandharibhumi	10	0.2	10.2	18.4
65	Sarat Dalabehera	Saniya	Gandharibhumi	5	0.1	11.1	18.9
66	Prabhakar Dalabehera	Arakhita	Gandharibhumi	5	0.1	9.9	17.6
67	Prakash Pradhan	Jayachandra	Gandharibhumi	4	0.08	11.2	20.6
68	Trinath Nayak	Dandapani	Gandharibhumi	4	0.08	12.6	21.3
69	Balaram Dalabehera	Nityananda	Gandharibhumi	4	0.08	12.8	21.4
70	Dhoba Dalabehera	Raghunatha	Gandharibhumi	5	0.1	12.9	20.8
71	Sankar Dalabehera	Panchanan	Gandharibhumi	10	0.2	12.1	21.4
72	Sindhu Dalabehera	Sukru	Gandharibhumi	6	0.12	12.4	22.7
73	Sudarsan Dalabehera	Panua	Gandharibhumi	8	0.16	11.3	20.4
74	Mal Nayak	Satyabati	Gandharibhumi	5	0.1	12	20.4
75	Narendra Dalabehera	Nityananda	Gandharibhumi	5	0.1	11	17.8
76	Hari Nayak	Kambu Nayak	Gandharibhumi	5	0.1	12.5	21.5
77	Chakra Nayak	Satyabadi	Gandharibhumi	4	0.08	10.5	20
78	Sajani Nayak	Narasingh	Gandharibhumi	5	0.1	12.8	20.8
79	Khadal Nayak	Satyabadi	Gandharibhumi	5	0.1	12.4	20.4
80	Chhabi Nayak	Mangulu	Gandharibhumi	6	0.12	10.1	19.5
81	Bijay Patra	Mochi	Gandharibhumi	5	0.1	12.4	21.4
82	Debary Nayak	Laxman	Gandharibhumi	5	0.1	11.9	22.1
83	Santosh Nayak	Narayan	Gandharibhumi	10	0.2	12.6	21.4
84	Pabitra Nayak	Sudarsan	Gandharibhumi	8	0.16	11.7	20.1
85	Mangulu Nayak	Madan	Gandharibhumi	5	0.1	9.1	17.9
86	Ramesh Baliarsingh	Raghu	Gandharibhumi	5	0.1	12.4	21.4
87	Maheswar Baliarsingh	Raghu	Nuagaon	6	0.12	9.5	18.1
88	Shanti Baliarsingh	D/o Udaya	Nuagaon	5	0.1	10.9	19.4
89	Jhumpi Baliarsingh	W/o Jatak	Nuagaon	5	0.1	11.5	19.6
90	Purasttam Baliarsingh	Sania	Nuagaon	8	0.16	12.1	20.5
91	Suratha Mallick	Abhi	Nuagaon	7	0.14	12.7	21.4
92	Hari Baliarsingh	Krushna	Nuagaon	10	0.2	11.8	22.4
93	Garib Mallick	Abhi	Nuagaon	5	0.1	12.4	20.8
94	Kokila Nayak	Gada	Nuagaon	5	0.1	9.8	18.7
95	Bhaskar Nayak	Naran	Nuagaon	6	0.12	9	17.9
96	Kalu Baliarsingh	Sania	Nuagaon	5	0.1	11.9	21.4
97	Chandini Gantayat	Malaya	Nuagaon	5	0.1	8.8	17.4

98	Sankala Nayak	Sudarsan	Nuagaon	5	0.1	9.9	18.3
99	Kalpa Parichha	Bipra	Nuagaon	4	0.08	10.3	18.9
100	Ganga Nayak	Budhia	Nuagaon	8	0.16	12.6	20.6
101	Prakash Nayak	Sania	Nuagaon	8	0.16	11.8	21.4
102	Ganesh Baliarsingh	Raghu	Nuagaon	6	0.12	11.7	22.4
103	Rinku Baliarsingh	Kalia	Nuagaon	5	0.1	11.8	22.9
104	Tribeni Nayak	Kampa	Nuagaon	5	0.1	12.4	20.3
105	Kailash Nayak	Budhia	Nuagaon	5	0.1	11.9	21.4
106	Sukanti Baliarsingh	Suma	Nuagaon	5	0.1	10.4	18.6
107	Gadadhar Nayak	Rajani	Partiguda	4	0.08	11.7	21.3
108	Bipracharan Dalabehera	Lingaraj	Partiguda	6	0.12	8.8	17.6
109	Ashok Kumar Nayak	Shyamaghana	Partiguda	4	0.08	10.5	18.6
110	Ganesh Nayak	Shyamaghana	Partiguda	5	0.1	11.9	21.4
111	Bhaskar Nayak	Kantaru	Partiguda	8	0.16	10.1	19.1
112	Sankula Nayak	Ajit	Partiguda	4	0.08	8.4	17.4
113	Neta Nayak	Kalia	Partiguda	10	0.2	9.2	17.9
114	Bhagaban Nayak	Laxman	Partiguda	15	0.3	10.3	18.5
115	Gangadhar Nayak	Rajani	Partiguda	12	0.24	11.7	22.6
116	Bideshi Nayak	Bhojini	Partiguda	6	0.12	10.5	18.9
117	Maheswar Dalabehera	Khalia	Partiguda	4	0.08	9.1	17.5
118	Subasini Nayak	Purna Chandra	Partiguda	5	0.1	9.2	17.9
119	Sapani Nayak	Dandasi	Partiguda	4	0.08	11.9	20.1
120	Gurubani Dalabehera	Abhimanyu	Partiguda	6	0.12	12.9	22.9
121	Sankar Dalabehera	Lingaraj	Partiguda	4	0.08	12.8	22.6
122	Rajanikant Nayak	Bauri	Partiguda	5	0.1	12.1	21.4
123	Kailash Nayak	Angad	Partiguda	6	0.12	12.5	20.6
124	Kundan Nayak	Kora	Partiguda	5	0.1	11.1	19.4
125	Kalu Ch. Dalabehera	Khalia	Partiguda	4	0.08	9.4	17.8
126	Sadanand Nayak	Judhistira	Partiguda	4	0.08	12.5	22.8
127	Bhagabati Nayak	Pravakar	Partiguda	4	0.08	10.4	19.4
128	Tambal Nayak	Nabina	Partiguda	5	0.1	10.5	19.4
129	Sitaram Dalabehera	Ajio	Partiguda	5	0.1	12.5	20.4
130	Nilama Nayak	Congresh	Partiguda	2	0.04	12.8	21.4
131	Lokanath Nayak	Khageswar	Partiguda	5	0.1	12.6	21.3
132	Kumara Nayak	Uchhaba	Partiguda	3	0.06	12.4	21.4
133	Lakshan Nayak	Banchha	Partiguda	2	0.04	12.4	20.5
134	Subash Nayak	Mangulu	Partiguda	2	0.04	12.6	22.4
135	Keshab Nayak	Uchhaba	Partiguda	3	0.06	12.8	20.8
136	Ajit Pradhan	Kala	Partiguda	4	0.08	11.6	19.8
137	Biswaranjan Pradhan	Bhaskar	Partiguda	4	0.08	12.4	21.4
138	Ranjulata Pradhan	Satyaban	Partiguda	5	0.1	10.1	18.7
139	Sebacharan Pradhan	Dasaratha	Bakingia	5	0.1	11.5	19.5
140	Kalicharan Nayak	Abhimanyu	Badabaraba	4	0.08	12.4	21.6
141	Lilli Mallick	Jitendra	Bakingia	4	0.08	12.8	22.3
142	Kumudini Mallick	Kamraju	Bakingia	4	0.08	12.9	21.3
143	Jayram Parida	Ulla	Bakingia	10	0.2	12.4	21.4

144	Namita Nayak	Bhivisan	Bakingia	5	0.1	12.7	22.4
145	Rita Nayak	Darun	Bakingia	5	0.1	12.1	20.1
146	Sabir Kumar Sethy	Raghu	Bakingia	10	0.2	10.1	19.1
147	Kalu Digal	Ulla	Bakingia	5	0.1	10.9	19.3
148	Sasideb Digal	Ulla	Bakingia	10	0.2	12.4	21.4
149	Ashankhala Digal	Bhusan	Bakingia	6	0.12	10.8	19.4
150	Binu Nayak	Jagi	Bakingia	5	0.1	10	19.2
151	Kabi Sethy	Basudeb	Bakingia	10	0.2	10.5	19.1
152	Niladri Mallik	Bira	Bakingia	5	0.1	10.6	18.6
153	Lochan Nayak	Satrughana	Bakingia	7	0.14	11.8	21.4
154	Jhunu Nayak	Keshab	Bakingia	4	0.08	6.9	15.9
155	Chitrasen Nayak	Satrughana	Bakingia	5	0.1	6.9	15.8
156	Chandra Sethi	Bijay	Bakingia	4	0.08	7.8	16.4
157	Sabitri Nayak	Pandab	Bakingia	5	0.1	12.5	20.5
158	Bideshi Nayak	Khalia	Bakingia	5	0.1	12.3	21.6
159	Bangali Sethi	Udaya	Bakingia	6	0.12	12.5	22.4
160	Ula Nayak	Sindhu	Bakingia	6	0.12	10.9	19.4
161	Rabi Nayak	Khalia	Bakingia	8	0.16	9.5	17.8
162	Amaya Dalabehera	Kamraju	Bakingia	7	0.14	8.4	16.9
163	Ram Gouda	Bira	Bakingia	6	0.12	12.7	20.6
164	Chitrasen Gauda	Rama	Bakingia	6	0.12	12.4	22
165	Minaketan Gauda	Sukru	Lambadika	5	0.1	12	22.1
166	Bipra Patra	Pandu	Lambadika	4	0.08	11.5	20.4
167	Kirti Ch. Dalabehera	Kanhei	Lambadika	6	0.12	11.6	19.5
168	Satyabhama Ganda	Prabhakar	Lambadika	4	0.08	9.6	17.1
169	Shankar Nayak	Saiba	Lambadika	5	0.1	10.8	18.4
170	Ramesh Mallick	Abhi	Lambadika	7	0.14	11.7	21.4
171	Hema Nayak	Kamraju	Lambadika	10	0.2	10.4	19.4
172	Rabindra Gauda	Dama	Lambadika	12	0.24	9.2	17.1
173	Santosh Parida	Ragudu	Lambadika	14	0.28	11.2	19.5
174	Bilas Kaliasim	Bhikari	Lambadika	15	0.3	11.8	21
175	Gandhi Sethi	Ananta	Lambadika	4	0.08	12	20.4
176	Shankar Mahakuda	Nanda	Lambadika	5	0.1	11.4	19.5
177	Bighneswar Dalabehera	Gajendra	Lambadika	10	0.2	7.8	16.8
178	Bijaya Digal	Ula	Lambadika	11	0.22	9.8	16.9
179	Puspa Mallick	Sania	Lambadika	4	0.08	10.5	18.7
180	Sania Mallick	Kashinath	Lambadika	15	0.3	10.9	18.4
181	Ramesh Nayak	Khadala	Lambadika	5	0.1	12.1	19.5
182	Mangulu Sethi	Angada	Lambadika	5	0.1	8.2	16.7
183	Sulochana Mallick	Ladu	Lambadika	3	0.06	7.9	17.1
184	Dibakara Dalabehera	Panchu	Lambadika	10	0.2	7.9	16.8
185	Santosh Nayak	Bhiku	Lambadika	5	0.1	12.5	20.1
186	Surya Sethi	Bijaya	Lambadika	6	0.12	11.8	21.4
187	Raghunath Sahoo	Kashinath	Lambadika	5	0.1	12	22.2
188	Sanita Mallick	Santosh	Lambadika	10	0.2	11.9	21.4
189	Madhuri Nayak	Rabi	Lambadika	4	0.08	12.1	22.4

190	Sumitra Mallick	Ghasiram	Lambadika	6	0.12	10.6	19.1
191	Laxman Mallick	Basu	Lambadika	5	0.1	8.1	16.7
192	Haramohan Mallick	Laxman	Lambadika	8	0.16	8.1	16.8
193	Rankanidhi Mallick	Hadibandhu	Lambadika	7	0.14	9.3	17.9
194	Pitambar Mahakuda	Burundaban	Lambadika	8	0.16	10.2	18.5
195	Suresh Patra	Bhuri	Lambadika	5	0.1	6.2	15.8
196	Hari Sethi	Kabi	Lambadika	10	0.2	10.8	18.9
197	Sudarshan Patra	Bhori	Lambadika	9	0.18	8.9	17.5
198	Krushna Ch. Sethi	Kantanu	Lambadika	15	0.3	8.5	17.1
199	Purna Ch. Mahakud	Udaya	Lambadika	10	0.2	8.3	16.9
200	Trinatha Patro	Gandu	Lambadika	10	0.2	10.3	18.5
201	Ajit Ku. Mallick	Simadri	Lambadika	10	0.2	10.8	18.7
202	Bipra Kaliarsing	Kambhu	Lambadika	15	0.3	11.2	19.4
203	Brundaban Nayak	Charan	Lambadika	10	0.2	11.9	20.4
204	Yoshna Nayak	Simanchala	Lambadika	5	0.1	11.6	19.6
205	Dama Gauda	Bira	Lambadika	4	0.08	11.8	20.4
206	Kailash Sethi	Angada	Lambadika	4	0.08	11.9	20.4
207	Amir Pradhan	Suadev	Bearpanga	4	0.08	12	21.6
208	Nandi Pradhan	Baluku	Bearpanga	8	0.16	11.4	19.5
209	Kailash Ch. Pradhan	Prajanta	Bearpanga	10	0.2	10.9	18.7
210	Bharati pradhan	Prajanta	Bearpanga	3	0.06	8.8	17.6
211	Dauda Mallick	Billi	Bearpanga	10	0.2	8.5	16.8
212	Rabi Pradhan	Sukru	Bearpanga	6	0.12	9.4	17.8
213	Banalata Pradhan	Sadananda	Bearpanga	3	0.06	12.6	20.1
214	Nepal Pradhan	Jagannath	Bearpanga	6	0.12	12.4	22.5
215	Sanjaya Pradhan	Ganga	Bearpanga	6	0.12	12.6	22.8
216	Bhimasen Pradhan	Suadev	Bearpanga	4	0.08	12.5	20.7
217	Bhagabati pradhan	Tuta	Bearpanga	4	0.08	12.1	21.4
218	Rajendra Pradhan	Sukra	Bearpanga	7	0.14	12.1	23.1
219	Kanistha mallick	Billi		10	0.2	12.5	23
220	Pinas Pradhan	Prasanta	Bearpanga	5	0.1	12	22.8
221	Bhismaraj Mallick	Dauda	Bearpanga	5	0.1	12.3	20.5
222	Pania Pradhan	Senapati	Bearpanga	5	0.1	12.8	20.7
223	Rameswar Pradhan	Gobinda	Bearpanga	5	0.1	11.2	19.8
224	Mukunda Pradhan	Jatinga	Bearpanga	7	0.14	9.6	18.1
225	Risita Pradhan	Iswar	Bearpanga	5	0.1	12.6	23.1
226	Surama Pradhan	Sisira	Bearpanga	5	0.1	12.4	23.4
227	Pani Pradhan	Balku	Bearpanga	5	0.1	8.8	17.5
228	Tankadhar Pradhan	Jagannath	Bearpanga	4	0.08	8.2	16.9
229	Kapilchandra Pradhan	Udayannath	Kilakia	8	0.16	8	16.7
230	Buchi Pradhan	sadura	Kilakia	6	0.12	8.4	16.8
231	Sarbananda Pradhan	Umachandra	Kilakia	8	0.16	8.1	16.8
232	Asananda Pradhan	Lepa	Kilakia	7	0.14	8.4	16.9
233	Goura Chandra Pradhan	Sarangadhara	Kilakia	6	0.12	8.5	17.4
234	Debananda Pradhan	Dasaratha	Kilakia	7	0.14	9.6	18
235	Soumyaranjan Pradhan	Jatindra	Kilakia	7	0.14	12.6	20.1

236	Namita Pradhan	Samanta	Kilakia	7	0.14	12.5	22.4
237	Bikram Pradhan	Udayannath	Kilakia	5	0.1	10.8	19
238	Purustam Pradhan	Rabi	Dakapala	10	0.2	9.8	18.4
239	Jayadev Pradhan	Januraj	Kilakia	5	0.1	11.3	19.5
240	Sikra Pradhan	Peta	Kilakia	5	0.1	12.1	20.4
241	Nisikanta Mallick	Ramrathi	Raikala	5	0.1	12	20.8
242	Bipin Pradhan	Basudev	Sujeli	2	0.04	12.2	22.4
243	Tudinga Pradhan	Sunali	Sandakapala	10	0.2	12.4	22.6
244	Premananda Pradhan	Laxman	Dakapala	12	0.24	12.5	20.4
245	Mangal Pradhan	Senapati	Dakapala	5	0.1	12.8	21.7
246	Nehur Mallick	Baldyannath	Raikala	5	0.1	11.9	20
247	Kabichandra Pradhan	Samara	Raikala	5	0.1	11	19.4
248	Samuel Diigal	Sishirai	Raikala	7	0.14	12.8	23.2
249	Sanjubala Pradhan	Brajananda	Karjurinaju(Raikala)	5	0.1	12.4	23
250	Ayab Mallick	Ramarathi	Raikala	5	0.1	12.5	20.4
251	Purnachandra Pradhan	Udayannath	Kilakia	8	0.16	11.1	19.4
252	Abalakara Pradhan	Ludu	Kilakia	8	0.16	12.4	20.5
253	Alojini Pradhan	Nityananda	Raikala	7	0.14	10.8	19.2
254	Aswin Ku. Pradhan	Bhaskar	Raikala	2	0.04	9.8	18.4
255	Udhab Mallick	Bishapati	Sandakapala	10	0.2	11.5	19.6
256	Rahul Pradhan	Laxman	Sandakapala	10	0.2	8.5	17.5
257	Runima Pradhan	Sanyasi	Sandakapala	6	0.12	7.6	16.4
258	Ranjit Ku.Mallick	Khageswar	Gotamaha	5	0.1	12.7	20.1
259	Ribin Pradhan	Sadura	Madinaju	5	0.1	12.7	20.5
260	Upendra Pradhan	Amauru	Sandakapala	6	0.12	10.4	19.5
261	Madhab Pradhan	Judhistir	Sandakapala	10	0.2	8.1	16.7
262	Ranjit Pradhan	Janardan	Sandakapala	10	0.2	8.5	18.4
263	Samanta Praadhan	Gudaka	Sandakapala	4	0.08	10.6	19.2
264	Binod Pradhan	Gudaka	Sandakapala	2	0.04	12.6	20.4
265	Anjan Pradhan	Bisapati	Sandakapala	4	0.08	12.5	21
266	Pratap Chandra Pradhan	Sudabisi	Raipali	4	0.08	12.5	22.4
267	Debraj Pradhan	Bangu	Kilakia	5	0.1	12.5	23.1
268	Dharmendra Pradhan	Dasaratha	Kilakia	5	0.1	11.9	23.2
269	Ganapati Mallick	Daudi	Dakapala	5	0.1	12.1	20.4
270	Debaraj Digal	Rambis	Dakapala	9	0.18	12.4	22.4
271	Narmada Pradhan	Charana	Raikala	5	0.1	10.8	19.4
272	Laxmidevi Pradhan	Tanuj	Raikala	10	0.2	10.7	19.3
273	Rupashree Mallick	Birakishor	Raikala	5	0.1	8.5	17.5
274	Saroj Pradhan	Mikhail	Kambakia	10	0.2	9.7	18.1
275	Saimai Pradhan	Evenswar	Kambakia	5	0.1	8.9	17.6
276	Namiita Pradhan	Abedar	Kambakia	10	0.2	10.2	18.4
277	Dalima Pradhan	Junish	Kambakia	5	0.1	10.6	18.6
278	Rina Pradhan	Anaja	Kambakia	8	0.16	9	17.5
279	Niparani Mallick	Ananta	Kambakia	5	0.1	8.6	17.3
280	Aliseba Pradhan	Abol	Kambakia	8	0.16	7.8	16.4
281	Kustinath Pradhan	Birapakshya	Kambakia	10	0.2	8	16.8

282	Umabati Pradhan	Ramesh	Kambakia	5	0.1	8.5	16.9
283	Ishak Pradhan	Gopinath	Pattangi	7	0.14	7.1	16.2
284	Subanti Pradhan	Eliya	Dangumala	4	0.08	9.5	18.2
285	Ramesh Pradhan	Galena	Dangumala	4	0.08	7.7	16.4
286	Uttam Majhi	Basudev	Badabanga	3	0.06	9.1	17.5
287	Baman Nayak	Gadag	Dakebadi	4	0.08	10.3	17.9
288	Rabi Ch. Pradhan	Krishna	Adaki	3	0.06	12.4	20.4
289	Sandura Pradhan	Kulasa	Judabadi	2	0.04	12.1	20.1
290	Mohan Pradhan	Nirap		4	0.08	12.7	22.5
291	Syamsan Digal	Chanda	Palangi	4	0.08	12.5	22.5
292	Bila Pradhan	Sunamali	Adibasi coloney	4	0.08	10.9	19.4
293	Badeda Pradhan	Ragu	Makapada	2	0.04	9.5	16.8
294	Subal Pradhan	Udhab	Coloney sahi	2	0.04	12.4	20.5
295	Sirimali Pradhan	Arjun	Badabanga	2	0.04	11.2	19.1
296	Sudarsan Pradhan	Usha	Judabadi	2	0.04	10.2	18.3
297	Prasant Pradhan	Ugha	Judabadi	2	0.04	9.7	18.2
298	Mahendra Pradhan	Mudri	Judabadi	3	0.06	7.9	16.4
299	Sikandar Digal	Chakrabisi	Judabadi	3	0.06	7.7	16.7
300	Gamesha Pradhan	Katisa	Badabanga	2	0.04	11.2	19.2
301	Rohit Pradhan	Kandura	Badabanga	2	0.04	11.4	18.4
302	Nabendra Behera	Sania	Badabanga	2	0.04	9.6	16.7
303	Sukamuni Behera	Laxman	Badabanga	2	0.04	12.3	20.4
304	Kapilesh Majhi	Dharmeswar	Badabanga	2	0.04	12.7	20.5
305	Ranjit Majhi	Ramadi	Badabanga	2	0.04	12	20.1
306	Nilambar Pradhan	Langi	Palangi	2	0.04	12.8	20
307	Pradip Ku. Pradhan	Badu	Nahadisaru	2	0.04	11.7	21.6
308	Kalakrushna Majhi	Basudev	Badabanga	2	0.04	11.3	19.4
309	Kisam Dalabehera	Puti	Badabanga	2	0.04	10.4	18.5
310	Kishor Ch. Pattanayak	Tarin	Saranikela	4	0.08	11.2	18.6
311	Batakrushna Majhi	Ugrasen	Badabanga	2	0.04	10.4	17.2
312	Santilata Majhi	Prasant	Badabanga	2	0.04	10.4	16.8
313	Suresan majhi	Rajan	Badabanga	2	0.04	10.2	17.6
314	Santosh Pradhan	Denga	Brahabdaka	2	0.04	10.2	19.2
315	Filip Pradhan	Surada	Sidupadari	2	0.04	11.8	20.4
316	Parsuram Pradhan	Pia	Kadasipata	2	0.04	11.9	20.6
317	Surath Pradhan	Samali	Badabanga	2	0.04	12.4	21.5
318	Umesh Pradhan	Nityananda	Judabadi	2	0.04	10.7	19.4
319	Anand Pradhan	Manjura	Kenkebadi	2	0.04	10.9	19.5
320	Branga Pradhan	Raga	Kenkebadi	2	0.04	11.5	17.6
321	Pradiban Pradhan	Majunga	Basabadi	2	0.04	10.4	16.8
322	Ratikanta Pradhan	shadu	Kenkebadi	2	0.04	9.8	16.8
323	Nila Pradhan	Rajada	Sidupadari	2	0.04	10.5	16.4
324	Ranjit Ku. Pradhan	Balisha	Saleju	10	0.2	8.1	16.7
325	Upendra Baliarshing	Julian	Tamangi	4	0.08	9.6	17.2
326	Rampati Pradhan	Tunua	Tagapanga	4	0.08	11.5	20.4
327	Kedu Pradhan	Nabina	Lambapanga	4	0.08	11.1	19.5

328	Bipracharana Pradhan	Bhima	Tagapanga	2	0.04	10.3	19.2
329	Pratima Pradhan	Nandu	Dangumala	2	0.04	9.7	18.3
330	Lata Pradhan	Raju	Sujamagu(jagadi)	2	0.04	9.1	17.3
331	Lingaraj Pradhan	Dhansingh	Kerkebadi	10	0.2	8.9	16.2
332	Sunila Pradhan	Nabina	Lambapanga	2	0.04	8.9	16.5
333	Andriya Pradhan	Kakri	Salarju	10	0.2	8.7	16.8
334	Ramakanta Pradhan	Menga	Kadaspata	10	0.2	9.9	15.9
335	Abraham Pattamajhi	Manisa	Sipubadi	2	0.04	7.7	15.9
336	Ramadei Pradhan	Lengaga	Gahibadi	2	0.04	7.9	15.9
337	Tengena Pradhan	Sardamajhi	Gudhimera	2	0.04	8.4	16.8
338	Brunda Pradhan	Sardanghi	Gudhimera	2	0.04	8.9	16.8
339	Jeeban Muthanghi	Alla	Langabali	2	0.04	9.6	16.7
340	Gopabandhu Pradhan	Dakara	Tagapanga	2	0.04	10.4	15.9
341	Srikrushna Pradhan	Birasa	Tagapanga	2	0.04	10.5	15.8
342	Sarata Pradhan	Anam	Tagapanga	2	0.04	10.4	16.8
343	Amash Pradhan	Rashata	Tagapanga	2	0.04	9.6	17.1
344	Surendra Pradhan	Tiruga	Tagapanga	2	0.04	11.3	17.5
345	Barnaba Pradhan	Bhima	Tagapanga	2	0.04	10.9	18.6
346	Bikram Pradhan	Bisambar	Tagapanga	2	0.04	11.3	19.5
347	Ashok Muthamajhi		Karumaha(pangali)	10	0.2	10.4	16.8
348	Adam Pradhan	Anam	Tagapanga	2	0.04	12.1	20.1
349	Barnaba Pradhan	Sahadev	Rukanbadi	2	0.04	12.4	22.4
350	Ranu Pradhan	Pradip	Tagapanga	2	0.04	11.5	22.5
351	Kindra Pradhan	Pangasa	Tagapanga	2	0.04	12.1	21.3
352	Adam Pradhan	Pangasa	Tagapanga	2	0.04	10.5	22.4
353	Nitri Pradhan	Bati	Pangali	2	0.04	11.3	21.4
354	Suresh ch. Majhi	Ulla	Budegudi(kiramaha)	4	0.08	10.7	18.6
355	Srambusa Badamajhi	Samuel	Kiramaha(budegudi)	2	0.04	8.9	15.9
356	Chitrasen Karjimajhi	Arisa	Kiramaha(budegudi)	4	0.08	9.9	16.7
357	Benjamin Mallick	Kripusa	Mandipanka	10	0.2	10.3	16.8
358	Debaraj Patra	Dhananjay	Bamurigaon	2	0.04	8.9	15.9
359	Syamaghan Patra	Dhananjaya	Bamurigaon	2	0.04	10.2	15.8
360	Karamsingh Nayak	Banri	Kattingia	10	0.2	7.9	16.7
361	Keertan Pradhan	Lata	Sikarmaha	2	0.04	10.2	18.5
362	Sikandar Sunamajhi	Kuda	Sikarmaha	4	0.08	10.8	19.4
363	Kunja Patra	Ghasiram	Gadapur	4	0.08	11.5	20.4

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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													

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													
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	5	1	-	1	15	8	23	101	20	121	117	28	145
Production and use of organic inputs													
Management of Problematic soils	1	0	0	0	2	1	3	18	4	22	20	5	25
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing	1	0	0	0	2	0	2	23	0	23	25	0	25
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													
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													

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
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													
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	1	0	0	0	4	1	5	17	3	20	21	4	25

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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	1	2	0	2	4	1	5	15	8	23	21	9	30
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs	2	2	0	2	7	1	8	42	8	50	51	9	60
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													
Enterprise development													
Para vets													
Para extension workers													

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													
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	01	10	00	10	03	00	03	17	00	17	30	00	30
Integrated Nutrient management	01	13	00	13	05	00	05	12	00	12	30	00	30
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													
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													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and 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
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	1	1	0	1	4	2	6	19	4	23	24	6	30
Soil and Water Conservation	1	0	0	0	5	2	7	11	12	23	16	14	30
Integrated Nutrient Management	1	0	0	0	0	0	0	15	15	30	15	15	30
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													
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													

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													
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													
Soil disinfestations technique	1	1	0	1	3	2	5	18	6	24	22	8	30
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets													
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group													

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
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													

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													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp 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
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													
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 Cours	No. of Participants			Grand Total
		Other	SC	ST	

	es	M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
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													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management	1	1	0	1	4	2	6	19	4	23	24	6	30
Soil and Water Conservation	1	0	0	0	5	2	7	11	12	23	16	14	30
Integrated Nutrient Management	6	1	0	1	15	8	23	116	35	151	132	43	175
Production and use of organic inputs													
Management of Problematic soils	1	0	0	0	2	1	3	18	4	22	20	5	25
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing	1	0	0	0	2	0	2	23	0	23	25	0	25
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Income generation activities for empowerment of rural Women													
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													
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													
Soil disinfestations technique	1	1	0	1	3	2	5	18	6	24	22	8	30
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	1	0	0	0	4	1	5	17	3	20	21	4	25
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	1	2	0	2	4	1	5	15	8	23	21	9	30
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs	2	2	0	2	7	1	8	42	8	50	51	9	60
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													

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
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													
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	01	10	00	10	03	00	03	17	00	17	30	00	30
Integrated Nutrient management	01	13	00	13	05	00	05	12	00	12	30	00	30
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
Soil Science	Farmers & Farm Woman	Nutrient management in organic turmeric cultivation	2	On Campus	25	0	25	25	0	25
Soil Science	Farmers & Farm Woman	Importance of soil & water testing for improving the soil health	1	On Campus	25	0	25	25	0	25
Soil Science	Farmers & Farm Woman	Acid soil management for higher crop productivity	2	On Campus	20	5	25	25	0	25
Soil Science	Farmers & Farm Woman	Integrated nutrient management for tomato cultivation	1	On Campus	23	7	30	23	7	30
Soil Science	Farmers & Farm Woman	Integrated nutrient management for mustard cultivation	1	On Campus	22	8	30	22	8	30
Soil Science	Farmers & Farm Woman	Integrated nutrient management for horsegram cultivation	1	Off Campus	15	15	30	15	15	30
Soil Science	Farmers & Farm Woman	Integrated nutrient management practices for gardenpea cultivation	2	On Campus	27	3	30	27	3	30
Soil Science	Farmers & Farm Woman	Integrated nutrient management practices for potato cultivation	2	On Campus	20	10	30	19	10	29
Soil Science	Farmers &	Rain water	1	Off Campus	16	14	30	16	14	30

	Farm Woman	management for increasing crop productivity								
Soil Science	Farmers & Farm Woman	Importance of bio-fertilizer and its application in major vegetable crops	1	Off Campus	24	6	30	23	6	29
Soil Science	Rural Youth	Methodology for quality vermicompost production technique for promotion of organic farming	2	On Campus	28	2	30	28	2	30
Soil Science	In-Service	Enhancing oilseed production through technological intervensions in Kandhamal district	1	On Campus	30	0	30	22	0	22
Extension	Farmers & Farm Woman	Source and produces for purchasing of quality agricultural inputs	1	On Campus	21	4	25	21	4	25
Extension	In-Service	Integrated pest & disease management strategies of vegetable crops under changing climatic scenario	2	On Campus	30	0	30	21	0	21
Plant Protection	Farmers & Farm Woman	Entrepreneurship development in Oyster Mushroom cultivation	2	On Campus	21	9	30	19	9	28
Plant Protection	Farmers & Farm Woman	Soil disinfestations in Rabi season	1	Off Campus	22	8	30	21	8	29
Plant Protection	Rural Youth	Entrepreneurship development in production of bio-fertilizers and bio-pesticide from locally available bio-products	2	On Campus	23	7	30	21	7	28

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 PF/RY/EF	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.																	
2.																	

3.																	
4																	

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	06	216	84	300	86.33	07	00	07	223	84	307
KisanMela	01	455	189	644	66.6	29	08	37	484	197	681
KisanGhosthi											
Exhibition	01	266	122	388	71	10	05	15	276	127	403
Film Show	16										
Method Demonstrations	02	49	11	60	78	02	00	02	51	11	62
Farmers Seminar											
Workshop											
Group meetings	50	780	120	900	72	00	00	00	780	120	900
Lectures delivered as resource persons	13	515	70	585	62.33	18	07	25	533	77	610
Advisory Services	42			28602				102			28704
Scientific visit to farmers field	168	1291	53	1344	82				1291	53	1344
Farmers visit to KVK	517	503	14	517	74				503	14	517
Diagnostic visits	58	334	56	390	69	15	06	21	349	62	411
Exposure visits											
Ex-trainees Sammelan	03	66	24	90	71	03	00	03	69	24	93
Soil health Camp	02	86	22	108	65	03	00	03	89	22	111
Animal Health Camp	02	78	09	87	86	04	00	04	82	09	91
Agri mobile clinic											
Soil test campaigns	02	650	120	770	65	03	00	03	653	120	773
Farm Science Club Conveners meet											
Self Help Group Conveners meetings											
Mahila Mandals Conveners meetings											
Celebration of important days (World Food Day and World Soil Day)	02										
Sankalp Se Siddhi	01	281	71	352	81	08	02	10	289	73	362
Swatchta Hi Sewa											
Mahila Kisan Divas											
Any Other (Specify)											
Total	886	5570	965	35137	1029.26	102	28	232	5672	993	35369

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	09
Radio talks	00
TV talks	00
Popular articles	04
Extension Literature	49
Other, if any (CD/DVD)	01

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
Total					

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided
Mustard	Anuradha	2.1	14,000/-	Purchased by OSSC, Bhubaneswar
Niger	Utkal Niger-150	4.2	15,000/-	Purchased by OSSC, Bhubaneswar
Grand Total		116.3	3,59,000/-	43

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided
Vegetable seedlings				
Cauliflower	Madhuri	10,000	10,000	06
Cabbage	Disha	2,00,000	2,00,000/-	43
Tomato	Chiranjivee	15,000	15,000/-	05
Brinjal				
Chilli				
Onion				
Others				
Fruits				
Mango				
Guava				
Lime				
Papaya				
Banana				
Others				
Ornamental plants				
Medicinal and Aromatic				
Plantation				
Spices				
Turmeric	Rajendra Sonia	110.0 qtl	3,30,000/-	43
Tuber				
Elephant yams				
Fodder crop saplings				
Forest Species				
Others, pl.specify				
Total				

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted
Bio-fertilizers (Panchagabya)	200 lit	20,000	Sprayed in KVK farm for Turmeric, Niger & Mustard seed production
Bio-pesticide			
Bio-fungicide			
Bio-agents			
Others, please specify. (Vermicompost)	3,000	30,000	Incorporated in KVK farm for Turmeric, Niger & Mustard seed production
Total	3,200	50,000	

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Small ruminants				
Sheep				
Goat				
Other, please specify				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
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 2017	Niger	Utkal Niger-150	1.5	1.5	4.2	F/S
	Turmeric	Rajendra Sonia	1.0	1.0	110.0	TL
Rabi 2017-18	Mustard	Anuradha	1.0	1.0	2.1	F/S
Summer/ Spring 2018						

iii) Financial Progress

Fund received (2016-17 and 2017-18)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17	NIL	1.69761		
2017-18	NIL	2.44410		

iv) Infrastructure Development : **NIL**

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	• Scientific method of garden pea cultivation • Scientific method of field pea cultivation • Scientific method of niger cultivation • Scientific method of mustard cultivation	D.Mishra & S.K.Mukhi	5000	3500

	• Scientific method of black cultivation			
News letter	The Kalinga	D.Mishra & S.K.Mukhi	1500	1500
Popular Articles	Organic turmeric cultivation	S.K.Mukhi		
	Disease and pest management in vegetables	D. Mishra		
	Vermicomposting	S.K.Mukhi		
	Jibamruta	D.Mishra		
Book Chapter	-	-	-	-
Extension Pamphlets/ literature	Acid soil management	S.K.Mukhi	1000	550
	Deficiency symptoms of essential plant nutrients	D.Mishra & S.K.Mukhi	1000	780
	Soil testing for soil health management	S.K.Mukhi	1000	800
	Non chemical disease and pest management	D.Mishra	1000	550
	Integrated pest and disease management in rice	D.Mishra	1000	700
Technical reports	Strategy for Doubling of farmers income in Kandhamal district	D.Mishra, H.Pathak, S.S.Singh	100	75
Electronic Publication (CD/DVD etc)	Scientific method of Raikia bean cultivation	D.V.Singh & S.K.Mukhi	20	10
TOTAL			11620	8465

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.	Orientation training cum Refresher course	Orientation training cum Refresher course	Mr.S.K.Mukhi, Scientist (Soil Science)	30.01.2018 (one day)	ICAR-ATARI, Kolkota

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

SUCCESS STORY - 1

Title: Tribal youth made his dreams come true with agro-technologies

Introduction:

Kandhamal being a tribal dominated district and mostly occupied with dry rainfed uplands, the tribal farmers mostly depend on vegetable cultivation during the Kharif season. The vegetables like Raikia bean, Cauliflower and Tomato are mostly cultivated by the tribal farmers in an area of 9,500 ha. The produce fetches very high price in the market as it comes during the off-season. However, the farmers don't apply optimum doses of nutrients to the crops. Also, they are not aware of the suitable pest and disease management practices. The interior vegetable pockets of the district do not have the access for availing good seed material and other agro-inputs timely. As a result the yield and quality of the produce decrease considerably.

Therefore, it is the need of the time that, the tribal vegetable growers should be trained on scientific cultivation of these vegetable crops for augmenting the yield and net return.

Initiative:

During a survey in the village Sudhipada of G.Udaygiri block by Krishi Vigyan Kendra, Kandhamal for implementation of TSP programme, Sri Rabindra Pradhan, a 26 years old tribal vegetable grower came in contact with KVK scientists and posed his agricultural problems. KVK team studied the profile of his field and advised to participate in the training programme on production technology for Raikia bean cultivation. Sri Pradhan was constantly in touch with Krishi Vigyan Kendra, Kandhamal and as a follow up, scientists of KVK visited his field regularly. He has been provided with all the need based knowledge and skill, which included integrated nutrient and pest management practices.

Technology:

The KVK, Kandhamal conducted demonstrations of INM and IPM practices on Raikia bean in his field. Regular field visits were also made by the scientists at the time of each and every farm operations. He is now growing Raikia Beans in an area of 5 acres of land with improved package and practices.

Key result/ insight/ interesting fact:

He invested Rs. 87,000/- in his 2 ha of land during Kharif 2016. He was able to get an average pod yield of 13.2 t/ha which is the remarkable yield in the nearby villages. After all expenses on input, labour, irrigation he got a net profit of Rs.2.6 Lakhs with a B:C ratio of 3.99. He realized the need for sorting, grading and proper packing of Raikia bean before sending it to the market, which fetches good price. By seeing his success, many farmers from the nearby villages interested for the cultivation of Raikia bean. In Kharif 2017, the technology has spread to around 60 ha area in G.Udaygiri block involving 150 farmers. Farmers from Raikia, Tikabali and Daringibadi visited Mr. Pradhan's field during 2017. There is a scope for around 2,500 ha area in the district, where Raikia bean can be cultivated during Kharif and Early Rabi. However, there is a scarcity of disease free quality seed material. Farmers use their own seed infected with YMV virus. ***So there is a need for seed production of this vegetable in the district.***

View of the farmers:

This crop needs proper care during growth and flowering time. Prophylactic measures for managing the sucking pests and leaf spot disease need to be taken.

Policy Implication:

- Large scale seed production of this crop.
- Capacity building training programme on "Scientific cultivation of Raikia beans" should be conducted through ATMA and other agencies at GP level.
- Inclusion of this crop in large scale demonstrations to be conducted by the District Agriculture / Horticulture Departments.
- A model for organic cultivation practice of Raikia bean may be developed.

SUCCESS STORY - 2

Title: High value garden pea cultivation – a mean for smile and success

Introduction:

The average land holding of Kandhamal district is as low as 1.0 ha. As the land pattern of the district is mostly undulating and rain-fed uplands (> 70%), the farmers can't take more than one crop in a year (Cropping intensity is as low as 138.3 %). So the farmers need more income per unit area. Cash crops like Turmeric and Ginger meet some requirement of the low land holders. However, these crops are very exhaustive and responsible for high amount of nutrient mining and the duration is very long (9 months). Legume like Garden pea was assessed as a very good crop which not only gives higher return per unit area per unit time but also enriches the soil fertility. Therefore, this crop can be taken as a Rabi crop with partial irrigated condition which prevails in 12,500 ha area during Rabi

season.

The climate is also very much conducive for this crop. By looking to the scope, the farmers in the district are also very much responsive to take this crop in place of other vegetables. As the individual area derived for this crop is less, group approach is essential for better visibility of the technology.

Initiative:

Krishi Vigyan Kendra, Kandhamal conducted a survey in the village Katadaganda of G. Udaygiri block for the possibility of crop diversification from local Potato to Garden Pea in cluster approach under TSP programme during Rabi 2015-16. Initially, a cluster of 25 farmers were selected with a total of 04 ha area. The Garden Pea was grown following INM and IPM practices.

Technology:

KVK, Kandhamal conducted demonstrations of Garden Pea var. GS-10 with 75 % of RDF (as per soil test results) + Bio-fertilizers application and IPM practices in the farmers' fields. Regular field visits were also made by the scientists of KVK and OUAT at the time of each and every farm operations.

Key result/ insight/ interesting fact:

In an average, the farmers invested Rs. 58,300/- per ha of land during Rabi 2015-16. The farmers were able to get an average pod yield of 11.46 t/ha which is the a remarkable yield. After all expenses on input, labour, irrigation the farmers got a net profit of Rs.1.36 Lakhs per ha with a B:C ratio of 3.3. This much profit made them so happy and they could realize that, this crop should replace all other ruling vegetables in that area. During Rabi 2016-17, the technology has spread to around 150 ha area in only G.Udaygiri block involving 470 farmers. Farmers from K.Nuagaon, Raikia, Tikabali and Daringibadi were taken by the line departments for visiting the cluster demonstration fields during 2015-16. There is a scope for around 4,000 ha area in the district, where Garden Pea can be cultivated during Rabi. However, there is a scarcity of bio-fertilizer availability in the local market.

View of the farmers:

This crop can substitute cabbage and cauliflower grown during Rabi season as the market price and net profit is high in Garden Pea. Powdery mildew should be taken care of at the time of flowering and fruit setting by prophylactic chemical application.

Policy Implication:

- Bio-fertilizers like Rhizobium, Azotobacter, PSB should be available at Govt. Sales Center in subsidized rate.
- Capacity building training programme on "Scientific cultivation of Garden Pea" should be conducted through ATMA and other agencies at GP level.
- Inclusion of this crop in large scale demonstrations to be conducted by the District Agriculture / Horticulture Departments.
- Irrigation potential should be increased through developing bore wells in group approach for getting more area for vegetables during Rabi season.
- Micro irrigation systems (Sprinkler irrigation) should be given priority for increasing the area of this crop.

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

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

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)
1	Turmeric	5400	432000	20000	Y

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

- Group meeting

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

Sl. No	Name of the Equipment	Qty.
1	Automatic Nitrogen estimation System (KELPLUS) with accessories a. Manoblock Digestion System. b. Acidic Neutralizer Scrubber Unit. c. Automatic Nitrogen Distillation System. d. Electronic Titration System	1
2	Flame Photometer	1
3	Spectro Photometer	1
4	Plant Sample Grinder	1
5	Hot Water Bath	1
6	Horizontal Shaker	1
7	Distilled Water Unit(Stainless Steel)	1
8	Hot Air Oven	1
9	Laboratory Centrifuge	1
10	Microscope(Olympus)	1
11	Microscope(Olympus)Ms-13	1
12	BOD Incubator	1
13	Elico PH Meter	1
14	Conductivity Meter	1
15	Refrigerator	1
16	Electronic Top Pan Balance	1
17	Physical Balance	1
18	Mechanical Stirrer	1
19	Colony Counter	1
20	Hot Plate	1
21	Voltage Stabilizer	1
22	Single Distillation Unit	1

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
355	294	649	1072	37	2420.00

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	Celebration of World soil Day cum Farmers Fair	250	01	Mrs. Akankhya Pradhan, Chairman, Zilla Parisad, Kandhamal	200	200

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
1	-	-	-	-

3.13. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Soil health campaign	2	40	-
Animal Health camp	2	43	Cattle
Awareness campaign	2	51	-
Plant health clinic	1	22	

3.14. RAWE/ FETprogramme - is KVK involved? (Y/N): 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
05.12.2017	Mrs. Akankhya Pradhan, Chairman, Zilla Parisad, Kandhamal	For attending the world soil day programme
10.03.2018	Professor S.Pasupalak, Vice Chancellor, OUAT, Bhubaneswar	Review of KVK activities
28.12.2017	Dr.K.S.Das, Principal Scientist, ICAR-ATARI, Zone-V, Kolkata	For attending SAC meeting

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)
Management of Acid Soil	125	72	56,000.00	82,000.00
Soil test based fertilizer application	102	79	70,000.00	92,000.00

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
Lime application for reclamation of acid soil	25000 ha
Organic turmeric cultivation	7600 ha
Soil test based fertilizer application	5400 ha
Backyard poultry rearing with improved breed	69 villages

Oyster mushroom cultivation	127 villages
Improved turmeric boiling drum	180 villages

Give information in the same format as in case studies

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

4.4. Details of innovations recorded by the KVK

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

4.5. Details of entrepreneurship development

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

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Department of Agriculture and Farmers Empowerment,Govt. of Odisha	Convergence scheme activities, Technical support and capacity building programme
Department of Horticulture, Govt. of Odisha	Convergence scheme activities, Technical support, verification of planting material

5.2. List of special programmes undertaken during 2017-18by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies **(information of previous years should not be provided)**

a) Programmes for infrastructure development

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

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

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

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.	Polyhouse	2015	200	Disha	Cabbage Seedling	2,00,000 nos.		2,00,000	
2	Vermicompost unit	2015	-	-	Vermicompost	3.0 qtl	7,500	30,000	
	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	
Turmeric	25.05.2017	18.04.18	1	Rajendra Sonia	TL	110	1,82,000	3,30,000	
Mustard	18.10.2017	04.01.2018	1	Anuradha	FS	2.10	10,000	15,500	
Niger	17.08.2018	12.12.2017	1.5	Utkal Niger 150	FS	4.20	10,000	25,000	

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.	Panchagabya	200 lit		20,000	
2	Vermicompost	3000	7,500	30,000	

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)
July 2017	30	01	
Aug 2017	25	01	
September 2017	30	01	
October 2017	60	02	
November 2017	30	01	
December 2017	60	02	
January 2018	30	01	
February 2018	30	01	
March 2018	30	01	
Total :			

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:
No. of staffquarters:04
Date of completion:
Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Contingency	SBI, G. Udayagiri	G. Udayagiri	11754367211
Revolving Fund	SBI, G. Udayagiri	G. Udayagiri	11754367222

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	
Niger	0.988		0.93214		0.05586
Mustard		0.600		0.59009	0.00991

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	
Black gram and Field pea		1.20		1.11143	0.08857

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	36.00	36.00	36.00
2	Traveling allowances	1.0	1.0	1.0
3	Contingencies			

A				
B		18.00	14.776	12.28709
C				
D				
E				
F				
G				
H				
I				
J	Swatchta Expenditure			
TOTAL (A)		55.00	51.776	49.28709
B. Non-Recurring Contingencies				
1	Office equipments and Instruments	5.35	5.35	5.17269
2				
3				
4				
TOTAL (B)		5.35	5.35	5.17269
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		60.35	57.126	54.45978

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	4.69532	1.46952	0.75096	5.41388
2016-17	2.41388	1.91302	1.69761	2.62929
2017-18	1.63928	3.30391	2.44410	2.49909

7.6. (i) Number of SHGs formed by KVKs : ***NIL***

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities.

- A total of 7 SHGs formed by Care India (NGO) were given capacity building trainings on processing and value addition of vegetables; nutritional gardening and use of small farm tools.
- A total of 2 SHGs identified by SNEHA (NGO) were given training on preparation of bio-fertilizer concentrates like JEEVAMRIT and PANCHAGABYA.
- A total of 3 SHGs formed by GOOD SAMARITANS (NGO) were given trainings on Jackfruit chips preparation (under Value-addition).

(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
Training	06	Kharif 2017	4	2	-
Demonstration	02	Kharif 2017	2	-	-
Training	05	Rabi 2018-19	3	2	
Demonstration	02	Rabi 2018-19	2	-	-

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/ SMSPortal)

Type of message	No. of messages	No. of farmers covered
Crop	14	28648
Livestock	05	28648
Fishery	-	28648
Weather	05	28648
Marketing	04	28648
Awareness	09	28648
Training information	05	28648
Other	-	
Total	42	28648

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	1240
2.	No. of farmers registered in the portal	28648
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	428

9.5. a. Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken
12.04.2017	Sanitation and SBM
15.05.2017	Swachhta Awareness at local level

19.06.2017	Cleaning and beautification of surrounding areas
21.07.2017 & 27.07.2017	Sanitation and SBM
17.08.2017	Cleaning and beautification of surrounding areas
21.09.2017	Sanitation and SBM
25.10.2017	Swachhta Awareness at local level
22.11.2017	Composting of biodegradable waste management & other activities on generate of wealth for waste
28.12.2017	Cleaning and beautification of surrounding areas
16.01.2018	Used water for agriculture/ horticulture application
20.02.2018	Swachhta Awareness at local level
22.03.2018	Used water for agriculture/ horticulture application

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	-	-
2. Basic maintenance	-	-
3. Sanitation and SBM	03	1800.00
4. Cleaning and beautification of surrounding areas	03	1200.00
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	01	-
6. Used water for agriculture/ horticulture application	02	-
7. Swachhta Awareness at local level	03	800.00
8. Swachhta Workshops	-	-
9. Swachhta Pledge	-	-
10. Display and Banner	-	-
11. Foster healthy competition	-	-
12. Involvement of print and electronic media	04	-
13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village)	05	-
14. No of Staff members involved in the activities	06	-
15. No of VIP/VVIPs involved in the activities	03	-
16. Any other specific activity (in details)	-	-
Total	**30**	**3800.00**

9.6. Observation of National Science day : No

Date of Observation	Activities undertaken

9.7. Programme with SeemaSurakshaBal (BSF)

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school:

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

Give good quality 1-2 photograph(s)

9.9. Details of '*Sankalp Se Siddhi'* Programme

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
30.08.2017	-	-	-	-	01	-	03	352	08	364	N	03

9.10. Details of Swachhta Hi Sewa programme organized - **NIL**

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

9.11. Details of MahilaKisan Divas programme organized-NIL

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
1	Rama Chandra Pradhan	Budhiapanga, Raikia	Horti based farming system
2	Baladev Pradhan	Penala, Tikabali	Off-season vegetable cultivation
3	Paula Pradhan	Katadaganda, G.Udayagiri	Spice cultivation
4	Manoj Kumar Pradhan	Lamungia, Raikia	
5	Bibeka Nanda Pradhan	Sujeli, G.Udayagiri	
6	Gandhi Pradhan	Sudhipada, G.Udayagiri	
7	Dauda Mallick	Bearpanga, G.Udayagiri	

9.13.HRD programmes attended by KVK person

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme
01	01	D.Mishra	Scientist (PP)	ICAR-ATARI, Kolkata, Zone-V
01	01	S.K.Mukhi	Scientist (Soil Sc.)	ICAR-ATARI, Kolkata, Zone-V

9.14. Revenue generation

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

9.15. Resource Generation:

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

9.16. Performance of Automatic Weather Station in KVK : Not Available

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

9.17. Contingent crop planning

Name of the state	Name of district/ KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK
Odisha	Kandhamal	IPM	18	586	Eco-friendly and effective method to manage BPH in Rice. Adopting resistant varieties like Ajay, Hasant, DRR-44 etc.; less use and split application of nitrogenous fertilizers; application of 8 – 10 kg MOP at PI stage; making of alley at 3 mt distance; drying the fields for 5 to 7 days during initial phase of infestation and judicious use of new generation chemicals at proper time.

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

a) Year:

b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						
Experiment 3						
…						
..						
Others (If any)						

11. Details of TSP

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

Programmes	Physical achievements
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	NIL
On-farm trials (Number)	02
Frontline demonstrations (Number)	06
Farmers training (in lakh)	0.00300
Extension personnel training (in lakh)	0.00060
Participants in extension activities (in lakh)	0.000950
Seed production (in tonnes)	11.63
Planting material production (in lakh)	2.0
Livestock strains and fingerlings production (in lakh)	
Soil, water, plant, manures samples testing (in lakh)	0.00109
Provision of mobile agro – advisory to farmers (in lakh)	0.28648
No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

b. Fund received under TSP in 2017-18 (Rs. In lakh): **Rs.14.776 lakh**

c. Achievements of physical outcome under TSP during 2017-18

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	56.0
2	Change in family consumption level	%	28.3
3	Change in availability of agricultural implements/ tools etc.	No. per household	0.7

d. Location and Beneficiary Details during 2017-18

District	*Sub-district*	*No. of Village covered*	*Name of village(s) covered*	*ST population benefitted (No.)*		
				M	F	T
Kandhamal	-	21	Katadaganda, Burbinaju, Bandaguda, Penala, Kilakia, Biarapanga, Ladamala, Sujeli, Gindapanga, Dakedi, Kurmingia, Lamungia, Talarimaha, Manikeswari, Gamuli, Kelmaha, Budhiapanga, Telingia, Tiangia, Raipalli, Dakapalla	129	76	205

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

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted	Remarks

Livestock and fisheries

Name of intervention undertaken	Number of animal covered	Number of units	Area (ha)	No of farmers covered / benefitted	Remarks

Institutional interventions

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

Capacity building

Thematic area	No. of Courses	No. of beneficiaries		
		Males	Females	Total

Extension activities

Thematic area	No. of activities	No. of beneficiaries		
		Males	Females	Total

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

16. Integrated Farming System (IFS)

Details of KVK Demo. Unit

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

17. Technologies for Doubling Farmers' Income

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

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

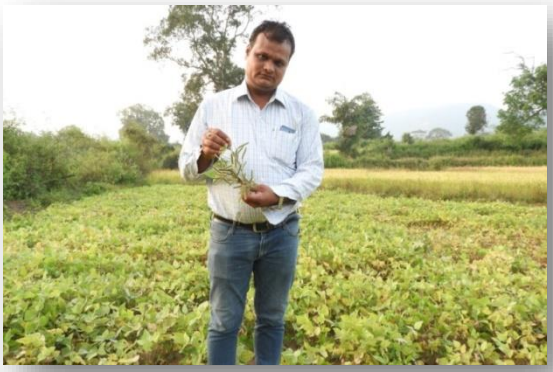
	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)					
II (up-to 24.04.2018)					
Total					

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

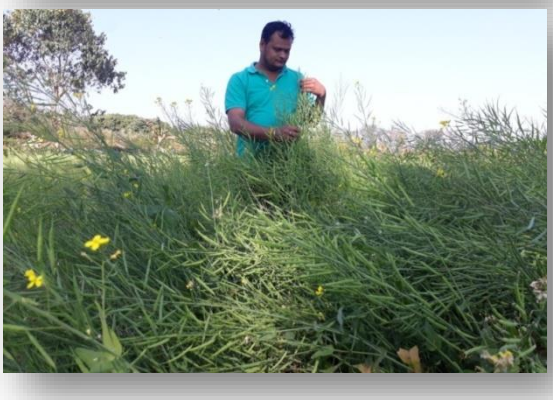
Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants

CFLD Photographs:

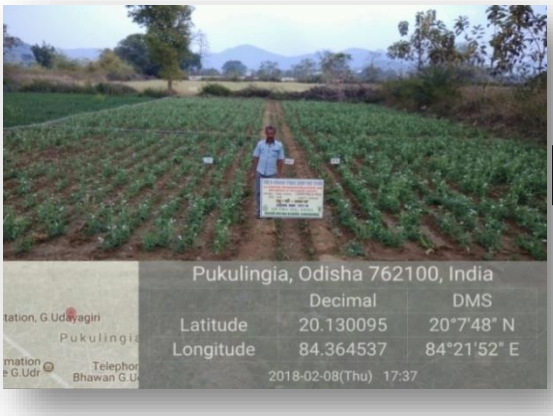
NIGER



BLACKGRAM



MUSTARD



FIELD PEA

Action Photographs:

Farmers' Fair

Sankalp Se Siddhi

World Soil Day

SAC Meeting

Parthenium Week Celebration

World Food Day

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