ANNUAL REPORT
2018-19

KRISHI VIGYAN KENDRA, SONEPUR

ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

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

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, sonepur ORISSA UNIVERSITY OF AGRICULTURE & TECHNOLOGY BADAJHINKI, SONEPUR-767017SUBARNAPUR, ODISHA	06654-221009	06654-221009	kvksonepur.ouat@gmail.com sonepurkvk@yahoomail.com

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

Address	Telephone		E mail
	Office	FAX	
OUAT,Bhubaneswar	0674-239756	2397933	deanextensionouat@yahoo.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Jibanjit Sen	KVK,Sonepur	9937191300	**jibanjit_sen@rediffmail.com**

1.4. Year of sanction of KVK: 2005

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Dr. Jibanjit Sen	Sr. Scientist & Head	Soil Sc.	PB -2 (15600 - 39100) with Grade Pay of Rs.6000/- Present basic-23950	26.6.2006 8.9.2017	Permanent	General
2	Subject Matter Specialist	Geetanjali Pradhan	Scientist	Horticulture	PB -2 (15600 - 39100) with Grade Pay of Rs.6000/- Present basic-16920	27.1.2016	Permanent	OBC
3	Subject Matter Specialist	Surajyoti Pradhan	Subject Matter Specialist	Agronomy	PB -2 (15600 - 39100) with Grade Pay of Rs.5400/- Present basic-15600	13.06.2018	Permanent	General
4	Subject Matter Specialist	Suprava Sethy	Subject Matter Specialist	Agril. Extension	PB -2 (15600 - 39100) with Grade Pay of Rs.5400/- Present basic-15600	25.07.2018	Permanent	sc
5	Subject Matter Specialist	Trinath Khandaitaray	Scientist	Plant Protection	PB -2 (15600 - 39100) with Grade Pay of Rs.6000/- Present basic-23950	03.07.2006 30.06.2018	Permanent	General
6	Subject Matter Specialist	-	-	-	-	-	-	-
7	Subject Matter Specialist	-	-	-	-	-	-	-
8	Programme Assistant	P. L. Roy	Programme Assistant	Home Sc.	PB-1 (9300-34800) with Grade Pay of Rs.4200/- Present basic-11470	30.7.2012	Permanent	General
9	Computer Programmer	Tanmay Nanda	Programme Assistant	Computer	PB-1 (9300-34800) with Grade Pay of Rs.4200/- Present basic-16430	12.7.2005 21.7.2009	Permanent	General
10	Farm Manager	Mayukh Adhikary	Farm Manager	Entomology	PB-1 (9300-34800) with		Permanent	General

					Grade Pay of Rs.4200/- Present basic-11940	26.9.2011 12.10.2017		
11	Accountant / Superintendent	-	-	-	-	-	-	-
12	Stenographer	Manoj Kumar Jena	Steno-cum- Computer operator	Steno cum Computer Operator	PB - 1(5200-20200) with Grade Pay of Rs.2400/- Present basic-5670	24.7.2015	Permanent	SC
13.	Driver	Durga Prasad Pattnaik	Driver-cum-mechanic	Driver-cum-mechanic	PB - 1(5200-20200) with Grade Pay of Rs.1900/- Present basic-7680	27.7.2007 24.6.2014	Permanent	General
14.	Driver	Pramod Muduli	Driver-cum-mechanic	Driver-cum-mechanic	PB - 1(5200-20200) with Grade Pay of Rs.1900/- Present basic-7130	27.7.2007 25.9.2013	Permanent	General
15.	Supporting staff	Trilochan Naik	Peon / Watchman	Peon / Watchman	PB - 1(5200-20200) with Grade Pay of Rs.1800/- Present basic-5340	26.11.2014	Permanent	General
16.	Supporting staff	Kasinath Bihari	Peon / Watchman	Peon / Watchman	PB - 1(5200-20200) with Grade Pay of Rs.1800/- Present basic-6500	19.12.2007 20.9.2017	Permanent	General

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	2.0
2.	Under Demonstration Units	2.0
3.	Under Crops	5.0
4.	Orchard/Agro-forestry	3.2
5.	Others with details (Pond, Land handed over to OSSC, waste unbunded)	3.25
	Total	15.45

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and

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	-	-	-	-	Totally completed	-	Under use	ICAR
2.	Farmers Hostel	-	-	-	-	Totally completed	-	Under use	ICAR
3.	Staff Quarters (6)	-	-	-	-	Totally completed	-	Under use	ICAR
4.	Piggery unit	-	-	-	-	-	-	-	-
5	Fencing	-	-	-	-	-	-	-	-
6	Rain Water harvesting structure	-	-	-	-	-	-	-	-
7	Threshing floor	-	-	-	-	-	-	Under use	RKVY
8	Farm godown	-	-	-	-	-	-	Under use	RKVY
9.	Dairy unit	-	-	-	-	-	-	-	-
10.	Poultry unit	-	-	-	-	-	-	Under use	ICAR
11.	Goatary unit	-	-	-	-	-	-	-	-
12.	Mushroom Lab	-	-	-	-	Totally completed	-	Under use	RKVY
13.	Mushroom production unit	-	-	-	-	Totally completed	-	Under use	ICAR

14.	Shade house	-	-	-	-	-	-	-	-
15.	Soil test Lab	-	-	-	-	-	-	Under use	ICAR
16	Others,Please Specify								

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
TATA SUMO	28.10.2005		172279	Needs replacement
TRACTOR	24.4.2006	163165	1516 Hour	Needs replacement
Motor cycle	31.3.2010	33145	29334	Working

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Soil & Water Testing Lab	2016-17	17 l lakhs	Working	ICAR
b. Farm machinery				
c.AV Aids				

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund

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.	07.09.2018	30	➢ Director ATARI, Kolkata Dr. S.S Singh suggested to more emphasis should be given on the effectiveness of the training programme. Potential farmers of the integrated farming system need to be studied in the district. More ICT materials to be developed and circulated among the farming community. He suggested focusing more on training		

			program based on enhancing nutritional value for women and children, utilization of soil health card, digital farming. His prime concern was to include OFTs on rainwater harvesting, crop diversification, animal husbandry. He suggested to make alleys of 60 cm after each 10 rows of rice for effective control of BPH. He also seeks cooperation from line departments for giving visibility of latest technologies transferred by KVK. ➢ Hon'ble Collector-cum District Magistrate, Subarnapur, Sj. Madhusudan Mishra suggested that KVK should give more priority on model villages, so that a visible impact can be seen in the districts and economic status of farmers need to be assessed in the adopted villages at earliest to understand the plight of development. ➢ Principal Scientist from		

			IIWM, Dr .Madhumita Das emphasized on organic agriculture should be practiced by KVK. For betterment of farming community she suggested to circulate suitable KMA on regular basis. ➢ PD, Watershed emphasized on creation of more awareness on cultivation of short duration variety of paddy to increase the cropping intensity.. He also emphasized on Planning on cropping system as per the suitability of the topography to have income round the year. ➢ The DDA emphasized to make KVK a technology hub for the farmers of the district so that farmers can get knowledge during exposure visits. ➢ The ADH Sonepur, Sri Narendra Kumar Sahoo suggested for diversification in horticultural crops and effective canopy management in mango for better yield and		

			productivity. ➢ DFO, Subarnapur has shared valuable technical information about Low input based pisciculture for rural marginal farmers and Rearing of livestocks with fish under pond based farming. ➢ AGM, NABARD, Mr. T. S. Rout gave importance to develop mushroom spawn production unit in village level. He pointed out for effective convergence programme in different villages for doubling farmers' income. ➢ LDM, Subarnapur, Mr. Saroj Kumar Dash emphasized on collaborative works for better financial assistance to farmers.		

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

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

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice-Green gram, Rice- Ground nut ,Rice – Fallow, Rice-Rice, Arhar followed by fallow, Cotton followed by fallow, Vegetable – Vegetable
2	Agro-climatic Zone	Western Central Table Land Zone
3	Agro ecological situation	Plain land rain fed, Undulating sub – mountainous track rain fed & Plain land irrigated
4	Soil type	Black, Brown forest lateritic, Red and Yellow, Red and Black
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Paddy- 4103 Kg/ha, Green gram- 534 Kg/ha, Arhar-756 Kg/ha, Groundnut- 1086, Sesamum- 510, Sweet Potato- 8633, Other Vegetables- 4103,
6	Mean yearly temperature, rainfall, humidity of the district	13° centigrade, 1418.5 mm & 62 to 89 within a year
7	Production of major livestock products like milk, egg, meat etc.	

Note: Please give recent data only

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

Sl. No.	Name of Taluk/ GP	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas

1	S. Kalapathar	Sonepur	Bankabija	Rice, Green gram, Vegetable Pulses and live stock	Inadequate availability of HYVs, hybrids and stress tolerant varieties Low rain fall and untimely rain fall leads to drought Less and untimely availability of quality seeds and fertilizer Important insect : Stem borer, Leaf folder, Gandhi bug, Gall midge, BPH & WBPH, Case worm, Mealy bug, Rat Important diseases : Blast, BLB, Sheath blight, Brown spot, Sheath rot, Seedling blight,YVMV tolerant green gram and black gram varieties are not available Most of areas depends upon residual moisture and lack of live saving irrigation Lack of knowledge on HYVs. Less awareness on scientific housing and management Less priority given to animal health care	Crop diversification, Income generating activities for rural women/ School dropouts, Off season vegetable cultivation for higher return, Introduction of suitable varieties with improved packages of practices, back yard poultry , Proper health management of domestic animals & birds

2	Kalapathar	Ullunda	Jampali	Rice, Green Gram, Mustard, Vegetable Pulses, Oilseeds, and live stock	Inadequate availability of HYVs, hybrids and stress tolerant varieties ,Low rain fall and untimely rain fall leads to drought, Sesamum seed is not available, Unavailability of irrigation at critical stage of crop, Lack of knowledge of herbicide application, Most of areas depends upon residual moisture and lack of live saving irrigation, Lack of knowledge on high yielding varieties, No use of fertilizer particularly in green gram and black gram, Lack of knowledge on integrated pest management of pulses,	Off season vegetable cultivation for higher return, Introduction of suitable varieties with improved packages of practices, Income generating activities for rural women/ School dropouts, Value addition in seasonal vegetables and fruits, Recycling of farm wastes for vermicompost

					Lack of knowledge on HYVs. Less knowledge in post harvest management practices of vegetables, Lack of knowledge and interest on value addition of fruits, Promotion of backyard poultry in low scale Less adoption of enrichment of crop residues and fodder production, Lack of knowledge/interest of fodder production	
3	Jhartarva	Tarva	Garja	Rice, Arhar, Bengal gram, Sunflower, Mustard,	YVMV tolerant green gram and black gram varieties are not available, Most of areas depends upon residual moisture and lack of live saving irrigation, Unavailability of irrigation at critical stage of crop, Lack of knowledge of herbicide application Lack of knowledge on integrated pest management of oilseeds	Integrated Disease and Pest Management Practices in crops, Income generating activities for rural women/ School dropouts,

4	Mahadevpali	Binka	Pandkital	Rice, Arhar, Green gram, Vegetable, Livestock	Lack of knowledge on integrated nutrient management, Lack of knowledge on integrated weed management, Micronutrients are not available in local market, Important insect : Stem borer, Leaf folder, Gandhi bug, Gall midge, BPH & WBPH, Case worm, Mealy bug, Rat Lack of knowledge on high yielding varieties, Suitable arhar variety is not available, No use of fertilizer particularly in green gram and black gram, Habituated towards cultivation of rice	Quality seeds and seedlings production, Income generating activities for rural women/ School dropouts, Recycling of farm wastes for vermicompost, Off season vegetable cultivation for higher return, Proper health management of domestic animals & birds, backyard poultry
					Seed rate is not properly maintained, Lack of knowledge on HYVs.Less knowledge in post harvest management practices of vegetables , Non availability of input in proper time, Less knowledge in improved package of practices.	

5	Ufula	B.M.Pur	Rathpur	Rice, Green gram, Vegetable, other pulses	Lack of knowledge on HYVs., Less knowledge in improved package of practices, No knowledge on use of pro-trays for production of quality vegetable seedlings, Less concern in IDM and IPM, Less knowledge on package of practice of oilseeds and pulses, less knowledge on integrated pest management of oil seeds and pulses, YVMV tolerant green gram and black gram varieties are not available, Inadequate availability of HYVs, hybrids and stress tolerant varieties	Integrated Nutrient Management practices in crops, Integrated Disease and Pest Management Practices in crops, Quality seeds and seedlings production, Off season vegetable cultivation for higher return,

6	Bisipada	Ullunda	Bejpali	Rice, vegetable, pulses, live stock	Lack of knowledge on HYVs., Less knowledge in improved package of practices, YVMV tolerant green gram and black gram varieties are not available, Inadequate availability of HYVs, hybrids and stress tolerant varieties, Less adoption of enrichment of crop residues and fodder production, Lack of knowledge/interest of fodder production, Lack of knowledge on HYV and disease and pest management	Integrated Disease and Pest Management Practices in crops, Integrated Nutrient Management practices in crops, Vegetable crop production, Backyard poultry, Livestock management, Fodder cultivation
7	Bisipada	Ullunda	Bidurpali	Rice, vegetable, pulses, live stock	Lack of knowledge on HYVs., Less knowledge in improved package of practices, YVMV tolerant green gram and black gram varieties are not available, Inadequate availability of HYVs, hybrids and stress tolerant varieties	Commercial floriculture for income generation, Off season vegetable cultivation for higher return, Post harvest management of vegetables, IPM and IDm in paddy and pulses

8	S. Kalapathar	Sonepur	Babupali	Rice, vegetable, pulses, Oilseeds,	Less and untimely availability of quality seeds and fertilizer Important insect : Stem borer, Leaf folder, Gandhi bug, Gall midge, BPH & WBPH, Case worm, Mealy bug, Rat Important diseases : Blast, BLB, Sheath blight, Brown spot, Sheath rot, Seedling blight YVMV tolerant green gram and black gram varieties are not available, Lack of knowledge on integrated pest management of oilseeds and cultural practice, IPM and IDM in vegetables	IPM and IDm in paddy and pulses, Income generating activities for rural women/ School dropouts, Integrated Disease and Pest Management Practices in crops, Off season vegetable cultivation for higher return, backyard poultry

9	Panchmahala	Ulunda	Dedimal	Rice, vegetable, pulses, Oilseeds	Less and untimely availability of quality seeds and fertilizer, Lack of knowledge on integrated nutrient management, Lack of knowledge on integrated weed management, YVMV tolerant green gram and black gram varieties are not available, Untimely availability of seeds, Lack of knowledge on integrated pest management of pulses, Ground nut seed is not available, Sesamum seed is not available, Lack of knowledge on HYVS of vegetables	Nutritional security of farm families, Value addition in seasonal vegetables and fruits, Introduction of suitable varieties with improved packages of practices, Proper health management of domestic animals & birds, pulse and oil seed production

2. c. Details of village adoption programme:

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

Name of village	Block	Action taken for development
Bankabija	Sonepur	Front line demonstration and training programme
Jampalli	Ullunda	Front line demonstration , CFLD (Oil seed)
Majhipali	Trava	Front line demonstration , CFLD (Pulses)
Pandakital	Binika	Front line demonstration , CFLD (Pulses) and training programme
Subalaya	B.M.pur	Front line demonstration , CFLD (Oil seed & Pulses) and training programme
Chaukamal	Binika	OFT and training programme
Bejpali	Ullunda	OFT, FLD, CFLD (Pulses) and training programme

2.1 Priority thrust areas

S. No	Thrust area
1.	Crop diversification
2.	Reclamation of problematic soil
3.	Integrated Nutrient Management practices in crops
4.	Integrated Disease and Pest Management Practices in crops
5.	Quality seeds and seedlings production
6.	Income generating activities for rural women/ School dropouts
7.	Value addition in seasonal vegetables and fruits
8.	Pond based integrated farming
9.	Proper health management of domestic animals & birds
10.	Recycling of farm wastes for vermicompost

11.	Off season vegetable cultivation for higher return
12.	Commercial floriculture for income generation
13	Drudgery reduction & Farm mechanization in agriculture
14	Nutritional security of farm families
15	Market linkage and production strategies
16	Introduction of suitable varieties with improved packages of practices
17	Effective use of family labour through need based livelihood option
18	Judicious use on natural resource management
19	Improved package of practice for oil seeds and pulses
20	Hi-tech horticulture
21	Fruit crop cultivation
22	IPM and IDM management in fruit crops
23	Mushroom production
24	Post harvest management of fruits and vegetables

3. TECHNICAL ACHIEVEMENTS

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

OFT												FLD										
No. of technologies tested:												No. of technologies demonstrated:										
Number of OFTs		Number of farmers										Number of FLDs		Number of farmers								
Target	Achievement	Target	Achievement									Target	Achievement	Target	Achievement							
			SC		ST		Others		Total						SC		ST		Others		Total		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
6	6	54	4	6	3	5	25	9	34	20	54	12	12	107	5	3	4	6	58	31	67	40	107

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		
			M	F	M	F	M	F	M	F	T				M	F	M	F	M	F	M	F	T
44	44	1100	107	49	60	42	396	446	**563**	**537**	1100											

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

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
			35336

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
	4293		28

* Give no. only in case of fish fingerlings

Publication by KVKs							
Item	Number	No. circulated	No. of Research papers in NAAS rated Journals	Highest NAAS rating of any publication	Average NAAS rating of the publications	Details of awarded publication, if any	Details of Award given to the publication
Research paper							
Seminar/conference/ symposia papers							
Books							
Bulletins							
News letter							
Popular Articles							
Book Chapter							
Extension Pamphlets/ literature							
Technical reports							
Electronic Publication (CD/DVD etc)							
TOTAL							

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of BPH tolerant rice variety Hasanta
2.	Problem diagnosed	Yield is reduced due to BPH
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Swarna/ Pooja T O1- Pratikshya (Avg.yield-55-60qt, Duration-145 days. Resistance to WBP) T O2- Hasanta (Small bold grains,white kernel, straw colour hull. Moderately resistance to leaf folder,leaf blast,sheath blight & bacterial leaf blast Avg.yield-55-60qt,duration-145days)

4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT,2016
5.	Production system and thematic area	Medium shallow land,varietal replacement
6.	Performance of the Technology with performance indicators	Plant height, EBT/plant, Grains/panicle, 1000 seed weight, Grain yield , Net return & B:C ratio
7.	Final recommendation for micro level situation	Hasanta performed better in comparison to Pratikshya and Pooja/Swarna in terms of BPH tolerance under medium and shallow lowland. It shows high degree of lodging resistance.
8.	Constraints identified and feedback for research	In highly lowland situation Hasanta is infested with BLB and BPH upto some extent.
9.	Process of farmers participation and their reaction	Farmers are satisfied with the performance of both Hasanta and Pratikshya under medium and shallow lowland.

Thematic area:

Problem definition: Yield is reduced due to BPH

Technology assessed:

OFT-2

1.	Title of On farm Trial	Assessment of Rabi pulses in Rice-fallow situation
2.	Problem diagnosed	Non utilization of residual soil moisture in rice-fallow situation after harvest of rice
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP-Rice (Swarna) fallow T O1-- Rice (Hiranmayee) – green gram (2-14) +2% sparay of DAP at pre flowering and 15 days after first spray T O2- Rice (Hiranmayee) – green gram (IPM-02-03)+ 2% sparay of DAP at pre flowering and 15 days after first spray
4.	Source of Technology (ICAR/	OUAT-2015

	AICRP/SAU/other, please specify)	
5.	Production system and thematic area	Rainfed medium land,ICM
6.	Performance of the Technology with performance indicators	Plant height(cm), No of branches/plant, No of pods/plant, No of seeds/pod, 100 grain wt, Yield ,Net return,BC ratio Farmers preference using score card
7.	Final recommendation for micro level situation	Instead of taking one long duration variety like Swarna in kharif medium land it is recommended to take comparatively shorter duration variety of rice like Hiranmayee which creates the opportunity for intensification of rice by suitable Green gram variety(IPM-2-14) .2% Spray of DAP at preflowering and 15 days after first spray is beneficial for enhancing the no. of pods.
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers are satisfied with result and performance of both the crops and they got higher net return in comparison to rice-fallow situation through better utilization of residual moisture after harvest of Rice.

Thematic area:

Problem definition: Non utilization of residual soil moisture in rice-fallow situation after harvest of rice

Technology assessed:

OFT-3

1.	Title of On farm Trial	Assessment of Integrated weed management in Kharif Onion
2.	Problem diagnosed	More weed infestation in kharif leads to less yield

3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP-Manual weeding at 30 DAT T O_1 - Use of Pendimethalin @ 3.5 l/ha 3 days after transplanting T O_2 - Combined application of Oxyfluorfen 23.5 % EC @ 1ml/l + quizalofop ethyl 5 % EC @ 2 ml/L at 20-days after transplanting (DAT) followed by one hand weeding
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	T O_1- NHRDF, T O_2- DOGR, Pune
5.	Production system and thematic area	Chemical weed management
6.	Performance of the Technology with performance indicators	Time of Planting, weed count at 30 DAT, 45 DAT, 60 DAT, WCE (%), Avg. bulb weight(gm), Yield (Qt /ha) , BC ratio, Net return (Rs/ha)
7.	Final recommendation for micro level situation	This technology is suitable for rainfed medium land situation in kharif
8.	Constraints identified and feedback for research	
9.	Process of farmers participation and their reaction	Farmers are satisfied with the result

Thematic area:

Problem definition: More weed infestation in kharif leads to less yield

Technology assessed:

OFT-4

1.	Title of On farm Trial	Assessment of fruit fly management in Water melon.
2.	Problem diagnosed	Low yield of Water melon due to heavy infestation of fruit fly
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP- Spraying of Cartap hydrochloride @ 2gm/lt during fruiting stage To-1- Pheromone traps for fruit fly with Cue lure @50nos/ha (Male Annihilation Technique) + neem oil 5 ml/ltr To-2 -Pheromone trap for fruit fly with Cue lure @ 50nos/ha + Bait spray (Malathion 1ml + jaggery 100 gm+ Water 1lt.) at 7m intervals for 45 sec.
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	OUAT, Bhubaneswar
5.	Production system and thematic area	IPM
6.	Performance of the Technology with performance indicators	No. of infested fruits/plant, yield, B:C ratio
7.	Final recommendation for micro level situation	This technology is suitable for irrigated medium and up land
8.	Constraints identified and feedback for research	Timely management of IPM
9.	Process of farmers participation and their reaction	

Thematic area:

Problem definition: Low yield of Water melon due to heavy infestation of fruit fly

Technology assessed:

OFT-5

1.	Title of On farm Trial	Assessment of different breeds for Backyard poultry for income generation of farm families
2.	Problem diagnosed	Low body weight of local bird, mortality rate high in banaraja and voracious eater
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	**To1 (FP):** Local poultry breed **To2-** Banaraja – Dual Purpose **To3-** Kadaknath – Dual purpose
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	CARI, 2015
5.	Production system and thematic area	IGA
6.	Performance of the Technology with performance indicators	Mortality rate, Body weight in kg, Net Income (Rs), B: C ratio
7.	Final recommendation for micro level situation	Kadaknath poultry breed is suitable for dual purpose in backyard system due to less mortality and heat tolerance
8.	Constraints identified and feedback for research	Availability of breed
9.	Process of farmers participation and their reaction	Farmers are satisfied with the performance of kadaknath. They got good price both from meat and egg of this breed and were interested to rear kadakath in backyard system

Thematic area:

Problem definition: Low body weight of local bird, mortality rate high in banaraja and voracious eater

Technology assessed:

OFT-6

1.	Title of On farm Trial	Assessment of production of oyster mushroom using different substrate
2.	Problem diagnosed	Paddy straw are more costly than other straw and non availability of paddy straw
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	To1 - Cultivation of Oyster Mushroom using paddy straw bundle To2 - Cultivation of Oyster Mushroom using threshed straw To3 - Cultivation of Oyster Mushroom using sesamum stalk
4.	Source of Technology (ICAR/ AICRP/SAU/other, please specify)	AICRP on Mushroom, OUAT
5.	Production system and thematic area	IGA
6.	Performance of the Technology with performance indicators	Yield(kg/bed) , Cost of Cultivation Rs./bed, Gross Income Rs./bed, Net Income Rs./bed , BC Ratio
7.	Final recommendation for micro level situation	As an alternate to paddy straw bundle, loose straw can be utilized for mushroom production
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers are satisfied with the result and its cost effectiveness in comparison to bundle straw

Thematic area:

Problem definition: Paddy straws are more costly than other straw and non availability of paddy straw

Technology assessed:

Table:

Technology option	No. of trials	Yield component				Disease/ insect pest incidence (%) (No of BPH/Hill)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill		No. of grains per panicle	Test wt. (100 grain wt.)						
Assessment of BPH tolerant rice variety Hasanta	7	FP	14	178		21	26.07	21349	35972	14623	1.46
		TO1	16	191		8	34.10	44056	69231	25175	1.74
		TO2	19	211		5	39.19	51931	80465	28534	1.82
Assessment of Rabi pulses in Rice-fallow situation	7	No. of pods /Plant		No. of grains /Pod	Test wt. (100 grain wt.)	-	Yield (q/ha)	Cost of cultivation (Rs./ha	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		FP	24.7	10.4	2.98	-	8.3	16500	30380	13880	1.84
		TO1	30.4	11.6	3.48	-	9.6	18600	36630	18030	1.96
		TO2	32.8	12.8	4.01	-	9.8	18880	37930	19130	2.01
Assessment of Integrated weed management in Kharif Onion	7	Time of Planting		Weed count at 30 DAT, 45 DAT, 60 DAT	Avg. bulb weight(gm	-	Yield (q/ha)	-	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		FP	July-August	67,72,86	5.3	-	150	-	180000	98200	2.2
		To_1	July	35, 32, 30	69.3	-	172	-	258000	153000	2.4
		To_2	July	12,15,10	76.8	-	185	-	277500	170000	2.6

Assessment of fruit fly management in Water melon.	7	Yield (Qt /ha)		% Change over FP	No. of infested fruits/plant	-	-	-	-	Net return	B:C ratio
		FP	268.5	-	25.4	-	-	-	-	58650	1.78
		To_1	306.7	44.9	13.8	-	-	-	-	72950	1.91
		To_2	317.8	66.1	8.6	-	-	-	-	82550	2.08
Assessment of different breeds for Backyard poultry for income generation of farm families	13	Body weight (Kg) in 4 month		No. of egg production /year	Cost of rearing/ bird(Rs/ bird)	Gross Income (Rs/bird)	Net Income (Rs./ bird)	BC Ratio	-	-	-
		To1 (FP)	Male- 1.1 kg Female- 0.75 kg	50	255/-	885/-	630/-	3.47	-	-	-
		To2	Male- 2.0 kg Female- 1.7 kg	160	525/-	2100/-	1575/-	4.0	-	-	-
		To3	Male- 1.5 kg Female- 1.2 kg	80	535/-	2350/-	1815/-	4.4	-	-	-

Assessment of production of oyster mushroom using different substrate	13	Yield(kg/bed)		Cost of CultivationRs./bed	Gross Income Rs./bed	Net Income Rs./bed	BC Ratio	-	-	-	-
		To1 (FP)	1.85	45	148	103	3.3	-	-	-	-
		To2	1.7	35	136	101	3.9	-	-	-	-
		To3	1.1	25	88	63	3.5	-	-	-	-

Results:
Please provide all the OFTs in same format

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration									Reasons for shortfall in achievement
				Proposed	Actual	SC		ST		Others		Total			
						M	F	M	F	M	F	M	F	T	
1.	Paddy	Agronomy ICM	Demonstration of real time nitrogen management by LCC in rice FP:- Imbalance dose of Nitrogen application RP:- Use of NRRI developed LCC for real time N management	2	2	4				6		10			
2.	Maize	Agronomy ICM	Demonstration on sweet corn cultivation FP-Cultivation of hybrid maize RP -Cultivation of sweet	2	2	2				8		10			

			corn variety Sugar-75 with RDF and need based management practices						
3.									
4.									

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Paddy	Kharif,2018	**Irrigated medium land**	Red, Sandy loam				Paddy	31st June	15th October	-	-
Maize	Rabi,2018-19	**Irrigated medium land**	Red, Sandy loam				Paddy	30th October	25th January	-	-

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
Mustard	INM	Demonstration on Sulphur application in mustard	10	2	11.23	10.12		34939	55861	20922	1.67	28406	45941	17535	1.62
					Stover 19.2	20.07									
Total															

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

Pulses

Frontline demonstration on pulse crops

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

Tomato	IDM	Demonstration on off-season cultivation of triple disease resistant tomato variety Arka Rakshak	10	2ha	240	305	27.08			86000	240000	154000	2.8	86000	305000	219000	3.5
Banana		Demonstration on low cost banana ripening chamber	2	2unit	-	-	-	-	-	-	1000/- bunch	430/ Bunch			1450/- bunch	540/-	
Turmeric		Demonstration of HYV of Turmeric var. Roma	10	2ha	156	162	6.57	-	-	58000	124500	66500	2.1	67000	159500	92500	2.4
		Total															

Livestock

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

Duckery		Demonstration on improved breed of duck (Khaki Campbell)	10	10	**Body weight (Kg)** 2.2	**Body weight (Kg)** 2.0	10	**No. of egg production/year** 200	**No. of egg production/year** 60	**410/-**	**1484/-**	**1074/-**	**3.6**	**250/-**	**740/-**	**490/-**	**2.96**
Quail		Demonstration on Quail farming in backyard for income generation	10	10	200gm	-		300	-	**305/-**	**670/-**	**365/-**	**2.2**				
Total																	

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

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

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

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Yield(kg/bed)		% change in major parameter	Other parameter		*Economics of check (Rs.) or Rs./unit				*Economics of demo. (Rs.) or Rs./unit			
				Check	Demo		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom																
Paddy Straw mushroom	Demonstration on Paddy straw mushroom cultivation	10	10	0.75	1.1				55/-	150/-	95	2.7	70/-	220/-	150/-	3.14
Vermicompost																
Sericulture																
Apiculture																
Others (pl.specify)																
Total																

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

Women empowerment

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

Farm implements and machinery

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

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

Demonstration details on crop hybrids

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

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

Total										

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	01.12.2018, 12.09.2018, 24.09.2028	03	150	
2.	Farmers Training		12	300	
3.	Media coverage				
4.	Training for extension functionaries		2	30	

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

1. Cluster frontline demonstration of kharif pulses (2018) performance data reporting format kvk wise

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	Black gram	T-9	6.1	6.0	5.0	9.0	Ujala (OBG 17) Brief technological intervention :- Seed rate-20 kg/ha, Line sowing of seed 25x10cm (40 plants/m2), Seed Treatment with	60	20	7.3	6.1	6.7	11.6	34	18.42

							Thiomethoxam 75 WG @ 5 gm / Kg seed to protect from sucking pests particularly thrips and white fly. Seed treatment with appropriate Rhizobium culture (bacteria culture) @20 grams of culture per 1kg of seed before sowing greatly helps in germination. Application of pendimethalin(30%) (RM) @ 1000 ml/ha as pre-emergence spray in black gram to control weed infestation. Post emergence application of Quizalofop ethyl @800 ml/ha for weed management, Zypmite plus as								

							micro nutrient mixture @100 kg /ha helps in improving soil fertility, increase the intake of NPK Fertilisers and improves quality of yield. Application of Indoxacarb +Nuvaluron @125 ml per ha helps in effective control of fruit borer and *Spodoptera spp.*								

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	Ujala (OBG 17) Brief technological intervention:- Seed rate-20 kg/ha, Line sowing of seed 25x10cm (40 plants/m2), Seed Treatment with Thiomethoxam 75 WG @ 5 gm / Kg seed to protect from sucking pests particularly thrips and white fly. Seed treatment with appropriate Rhizobium culture (bacteria culture) @20 grams of culture per 1kg of seed before sowing greatly	17700	39650	21950	2.24	18500	43550	24400	2.35

	helps in germination. Application of pendimethalin(30%) (RM) @ 1000 ml/ha as pre-emergence spray in black gram to control weed infestation. Post emergence application of Quizalofop ethyl @800 ml/ha for weed management, Zypmite plus as micro nutrient mixture @100 kg /ha helps in improving soil fertility, increase the intake of NPK Fertilisers and improves quality of yield. Application of Indoxacarb +Nuvaluron @125 ml per ha helps in effective control of fruit borer and *Spodoptera spp.*								

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 Ujala (OBG 17)	760	40	65	50	100	for next season farming and house expenses	25

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	Ujala (OBG 17) Brief technological intervention:- Seed rate-20 kg/ha, Line sowing of seed 25x10cm (40 plants/m2), Seed Treatment with Thiomethoxam 75 WG @ 5 gm / Kg seed to protect from sucking pests particularly thrips and white fly. Seed treatment with appropriate Rhizobium culture (bacteria culture) @20 grams of culture per 1kg of seed before sowing greatly helps in germination. Application of pendimethalin(30%) (RM) @ 1000 ml/ha as pre- emergence spray in black gram to control weed infestation. Post emergence application of Quizalofop ethyl @800 ml/ha for weed management, Zypmite plus as micro nutrient mixture @100 kg /ha helps in improving soil fertility, increase the intake of NPK Fertilisers and improves	Suitable for upland and medium land		Affordable	No	Yes	

	quality of yield. Application of Indoxacarb +Nuvaluron @125 ml per ha helps in effective control of fruit borer and *Spodoptera spp.*						

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
High yielding variety (q/ha)	7.6	6.1	Variety is perfectly suitable for pre rabi season with high yielding potential. Moderately tolerant to YVMV & Powdery mildew.
Avg. No.of Pod/Plant	36	30	
Pod length (cm)	4.6	4.4	
1000seed weight (gm)	45	39	

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Distribution of Critical input	17.07.2018 to 21.07.2018	60
2	Distribution of critical input (pesticide)	03.10.2018 to 06.10.2018	60
3	Monitoring the crop growth	09.08.2018 to11.08.2018, 07.09.2018 to 12.09.2018	60
4	Field visit to monitor insect pest infestation	21.08.2018 to 23.08.2018	30
5	Field day	07.12.2018	50

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	-	145000	-
	ii) TA/DA/POL etc. for monitoring	-	10000	-
	iii) Extension Activities (Field day)	-	10000	-
	iv)Publication of literature	-	15000	-
	Total	178800	180000	200

K. List of Farmer under FLD (Crop wise)

a) Crop1

Brief technology intervention:- Seed rate-20 kg/ha, Thiomethoxam 75 WG @ 5 gm / Kg seed to protect from sucking pests particularly thrips and white fly. Seed treatment with appropriate Rhizobium culture (bacteria culture) @20 grams of culture per 1kg of seed before sowing greatly helps in germination. Application of pendimethalin(30%) (RM) @ 1000 ml/ha as pre- emergence spray in black gram to control weed infestation. Post emergence application of Quizalofop ethyl @800 ml/ha for weed management, Zypmite plus as micro nutrient mixture @100 kg /ha helps in improving soil fertility, increase the intake of NPK Fertilisers and improves quality of yield. Application of Indoxacarb +Nuvaluron @125 ml per ha helps in effective control of fruit borer and *Spodoptera spp.*

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	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		
Sankara Bagh	Rama Bagh	Majhipali	Tarbha			20^0 47' 21"	83^0 41'16"	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.8	6.0	7.05	6.6	6.81
Prasanna Majhi	Jagarut hi Majhi	Majhipali	Tarbha			20^0 47' 20"	83^0 41' 12"	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	7.3	6.1	19.7
Panchanana Majhi	Jagarut hi Majhi	Majhipali	Tarbha			20^0 47' 15"	83^0 41' 14"	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.6	6.1	8.2
Parameswar Majhi	Jagarut hi Majhi	Majhipali	Tarbha			20^0 47' 22"	83^0 41' 11"	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.8	6.1	11.5
Purandar	Bijay Majhi	Majhi	Tarbha			20^0 47'	83^0 41'	Yes	20:40:20	Mentioned	Ujala (OB	20 Kg	7.3	6.1	6.2	6.1	1.64

Majhi		pali				18”	14”			above	G 17	/ha					
Hari Majhi	Dasaratha Majhi	Majhipali	Tarbha			20^0 47’ 23”	83^0 41’ 18”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.2	6.1	1.64
Pabitra Bagh	Gada Bagh	Majhipali	Tarbha			20^0 47’ 19”	83^0 41’ 17”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.3	6.1	3.28
Alekha Deep	Basu Deep	Majhipali	Tarbha			20^0 47’ 11”	83^0 41’ 14”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.4	6.1	4.92
Dillip Majhi	Sudarsan Majhi	Majhipali	Tarbha			20^0 47’ 25”	83^0 41’ 12”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.5	6.1	6.56
Ashok Majhi	Angad Majhi	Majhipali	Tarbha			20^0 47’ 24”	83^0 41’ 19”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.2	6.1	1.64
Chakradhar Majhi	Panchanan Majhi	Majhipali	Tarbha			20^0 47’ 20”	83^0 41’ 16”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.7	6.1	9.84
Upendra Majhi	Bijay Majhi	Majhipali	Tarbha			20^0 47’ 20”	83^0 41’ 18”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.6	6.1	8.2
Pratap Bagh	Dastu Bagh	Majhipali	Tarbha			20^0 47’ 22”	83^0 41’ 15”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	7.1	6.1	16.4
Sada Bagh	Lava Bagh	Majhipali	Tarbha			20^0 47’ 19”	83^0 41’ 18”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.3	6.1	3.28
Rajindra Bagh	Sada Bagh	Majhipali	Tarbha			20^0 47’ 20”	83^0 41’ 12”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.2	6.1	1.64
Niranja Guru	Mahendra Guru	Katapali	Binika			20^0 44’ 18”	83^0 43’ 16”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.1	6.1	0
Dillip Guru	Mahendra Guru	Katapali	Binika			20^0 44’ 15”	83^0 43’ 16”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.2	6.1	1.64
Padmanav Karmi	Kandurpa Karmi	Katapali	Binika			20^0 44’ 14”	83^0 43’ 15”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.2	6.1	1.64

Surubabu Naik	Manabudha Naik	Katapali	Binika			20^0 44’ 20”	83^0 43’ 18”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.4	6.1	4.92
Akshaya Guru	Chitamani Guru	Katapali	Binika			20^0 44’ 24”	83^0 43’ 26”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.5	6.1	6.56
Subash Karmi	Jadumani Karmi	Katapali	Binika			20^0 44’ 23”	83^0 43’ 21”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.8	6.1	11.5
Sashi Jal	Faguni Jal	Katapali	Binika			20^0 44’ 26”	83^0 43’ 12”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	7.2	6.1	18
Lalaman karmi	Kamdap Karmi	Katapali	Binika			20^0 44’ 23”	83^0 43’ 18”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.2	6.1	1.64
Madha Guru	Parasu Guru	Katapali	Binika			20^0 44’ 15”	83^0 43’ 13”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.1	6.1	0
Sundarmani Guru	Bhukhut Guru	Katapali	Binika			20^0 44’ 18”	83^0 43’ 16”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.5	6.1	6.56
Santanu Guru	Mahendra Guru	Katapali	Binika			20^0 44’ 15”	83^0 43’ 16”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.8	6.1	11.5
Suresh Guru	Ganesh Guru	Katapali	Binika			20^0 44’ 14”	83^0 43’ 15”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.5	6.1	6.56
Sudam Jal	Budhu Jal	Katapali	Binika			20^0 44’ 20”	83^0 43’ 18”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.5	6.1	6.56
Murali Jal	Kashi Jal	Katapali	Binika			20^0 44’ 24”	83^0 43’ 26”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.5	6.1	6.56
Nara Jal	Kashi Jal	Katapali	Binika			20^0 44’ 18”	83^0 43’ 16”	Yes	20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.8	6.1	11.5
Maguni Bhoi	Shridhara Bhoi	Raksa	Ullunda			20^0 53’ 21”	83^0 55’ 6”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	7.2	6.1	18
Sudarsan Majhi	Diryu Majhi	Raksa	Ullunda			20^0 53’ 25”	83^0 55’ 16”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.5	6.1	6.56
Rajib Bhoi	Ramesh Bhoi	Raksa	Ullunda			20^0 53’ 2”	83^0 55’ 12”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.5	6.1	6.56
Alok Ranjan Parida	Dinabandhu Parida	Raksa	Ullund			20^0 53’ 23”	83^0 55’ 14”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.2	6.1	1.64

			a														
Ashis Behera	Bhima Behera	Raksa	Ullunda			20^0 53' 26"	83^0 55' 9"		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.5	6.1	6.56
Antaryami Padhan	Harihara Padhan	Raksa	Ullunda			20^0 53' 18"	83^0 55' 11"		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.8	6.1	11.5
Omprakash Padhi	Biramitra Padhi	Raksa	Ullunda			20^0 53' 19"	83^0 55' 17"		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.5	6.1	6.56
Krushna Chandra Bhoi	Jarmani Bhoi	Raksa	Ullunda			20^0 53' 24"	83^0 55' 15"		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.4	6.1	4.92
Rajendra Bhoi	Purna Bhoi	Raksa	Ullunda			20^0 53' 23"	83^0 55' 7"		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.2	6.1	1.64
Rajendra Panda	Raghunath Panda	Raksa	Ullunda			20^0 53' 29"	83^0 55' 20"		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.1	6.1	0
Pabitra Bhoi	Damodar Bhoi	Raksa	Ullunda			20^0 53' 21"	83^0 55' 14"		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	7.3	6.1	19.7
Sabyasachi Bhoi	Harihar Bhoi	Raksa	Ullunda			20^0 53' 25"	83^0 55' 9"		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.6	6.1	8.2
Umasankar barik	Jhalia Bharik	Raksa	Ullunda			20^0 53' 2"	83^0 55' 11"		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.8	6.1	11.5
Kapileswar padhan	Bhima Padhan	Raksa	Ullunda			20^0 53' 23"	83^0 55' 17"		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.2	6.1	1.64
Dhrubacharan Nayak	Kalia Nayak	Raksa	Ullunda			20^0 53' 26"	83^0 55' 15"		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.2	6.1	1.64
Bimbadhara Bhoi	Gokul Bhoi	Dedimal	Ullunda			20^0 55' 21"	83^0 50' 16"		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg/ha	7.3	6.1	6.3	6.1	3.28
Kalakanhu	Gobardhan	Dedi	Ullu			20^0 55'	83^0 50'		20:40:20	Mentioned	Ujala (OB	20 Kg	7.3	6.1	6.4	6.1	4.92

Nhoi	Bhoi	mal	nda			23”	14”			above	G 17	/ha					
Birendra Bhoi	Kangalu Bhoi	Dedimal	Ullunda			20^0 55’ 26”	83^0 50’ 9”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg /ha	7.3	6.1	6.5	6.1	6.56
Santosh Padhan		Dedimal	Ullunda			20^0 55’ 18”	83^0 50’ 11”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg /ha	7.3	6.1	6.2	6.1	1.64
Jambeshwara Bhoi		Dedimal	Ullunda			20^0 55’ 19”	83^0 50’ 17”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg /ha	7.3	6.1	6.7	6.1	9.84
Rameswar Bhoi		Dedimal	Ullunda			20^0 55’ 24”	83^0 50’ 15”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg /ha	7.3	6.1	6.6	6.1	8.2
Anam Naik		Dedimal	Ullunda			20^0 55’ 23”	83^0 50’ 7”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg /ha	7.3	6.1	7.1	6.1	16.4
Sarathi padhan		Dedimal	Ullunda			20^0 55’ 29”	83^0 50’ 20”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg /ha	7.3	6.1	6.3	6.1	3.28
Ramji bhoi		Dedimal	Ullunda			20^0 55’ 21”	83^0 50’ 14”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg /ha	7.3	6.1	6.2	6.1	1.64
Suban Bhoi		Dedimal	Ullunda			20^0 55’ 25”	83^0 50’ 9”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg /ha	7.3	6.1	6.1	6.1	0
Raghunath Sethi	Manu Sethi	Dedimal	Ullunda			20^0 55’ 2”	83^0 50’ 11”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg /ha	7.3	6.1	6.2	6.1	1.64
Ratra Sahu		Dedimal	Ullunda			20^0 55’ 23”	83^0 50’ 17”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg /ha	7.3	6.1	6.2	6.1	1.64
Babaji Adarkulia	Brundaban Adarkulia	Dedimal	Ullunda			20^0 55’ 26”	83^0 50’ 15”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg /ha	7.3	6.1	6.4	6.1	4.92
Jagadish Bhoi		Dedimal	Ullunda			20^0 55’ 18”	83^0 50’ 9”		20:40:20	Mentioned above	Ujala (OBG 17	20 Kg /ha	7.3	6.1	6.5	6.1	6.56
Suryak		De	Ul			20^0	83^0		20:40:20	Menti	Ujal	20	7	6	6.	6.	11.

umar Padhan		di mal	lu nda			55’ 19”	50’ 11”			oned above	a (OB G 17	Kg /ha	. 3	. 1	8	1	5

2. Cluster frontline demonstration of kharif oil seed (2018) performance data reporting format kvk sonepur

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (q/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	Sesamum	GT-10	7	3.7	4.08	16	GT-10 Seed rate-10kg/ha, seed treatment with Carboxin 37.5%+ Thiram 37.5% @2.5g/kg seed, sprayimg of water soluble fertilizer @1kg ha, spraying of Quinalphos 25% EC @2.5ml/lt for management of leaf hopper and carbaryl 50%	90	30	4.2	3.8	4	0.2	0.6	1.2

							WP @2g/lt for management of leaf webber								

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	GT-10 Seed rate-10kg/ha, seed treatment with Carboxin 37.5%+ Thiram 37.5% @2.5g/kg seed, sprayimg of water soluble fertilizer @1kg ha, spraying of Quinalphos 25% EC @2.5ml/lt for management of leaf hopper and carbaryl 50% WP @2g/lt for management of leaf webber	17000	22000	5000	1.29	22000	37200	15200	1.69

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	GT-10 Seed rate-10kg/ha, seed treatment with Carboxin 37.5%+ Thiram 37.5% @2.5g/kg seed,	400	260-270	55/Kg	120-140	20	For fulfilling family requirement and purchase of inputs for agriculture activity	42

	sprayimg of water soluble fertilizer @1kg ha, spraying of Quinalphos 25% EC @2.5ml/lt for managemen t of leaf hopper and carbaryl 50% WP @2g/lt for managemen t of leaf webber							

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	GT-10 Seed rate-10kg/ha, seed treatment with Carboxin 37.5%+ Thiram 37.5% @2.5g/kg seed, sprayimg of water soluble fertilizer @1kg ha, spraying of Quinalphos 25% EC @2.5ml/lt for	The variety is Suitable to the farming situation of the village and the farmers are satisfied about the yield and profit earned		Affordable	no	Yes	Marketing problem is there and farmers are not getting proper price

	management of leaf hopper and carbaryl 50% WP @2g/lt for management of leaf webber						

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Disease and pest is effectively controlled by following the recommended practice Seed treatment is successful in controlling diseases. Yield is more as compared to local variety.	Very good	Yield is more as compared to check Weed management was done successfully along with disease and pest	Farmers want to cultivate sesamum in large area by adopting scientific package of practice

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Distribution of Critical input	Last week of July	90
2	Distribution of critical input	25-08-18 to 28-08-18	90
3	Monitoring the crop growth	14.09.18-19.09.18	60
4	Field visit to monitor insect pest infestation	21.09.18-24.09.18	60
5	Field day	26.10.2018	50

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

H. Farmers' training photograph

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Sesamum	i) Critical input		Seeds- 16470/- Plant protection chemicals- 68100/- Trichocards-13000/-	Nil
	ii) TA/DA/POL etc. for monitoring		15000/-	Nil
	iii) Extension Activities (Field day) & training		12000/-	Nil
	iv)Publication of literature		15000/-	Nil
	v) Miscellaneous		5000/-	Nil
	Total	1,50,000/-	1,44 ,570/-	5430

K. List of Farmer under FLD (Crop wise)

b) Crop

Brief technology intervention:- Seed rate-10kg/ha, seed treatment with Carboxin 37.5%+ Thiram 37.5% @2.5g/kg seed, sprayimg of water soluble fertilizer @1kg ha, spraying of Quinalphos 25% EC @2.5ml/lt for management of leaf hopper and carbaryl 50% WP @2g/lt for management of leaf webber

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	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		
Ramesh Mahakur	Tikayat Mahakur	Jampali	Ullunda	-	-	20^0 53' 0"	84^0 0'45"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10 kg/ha	-	-	4	2.4	
Ajatna Karna	Abadhuta Karna	Jampali	Ullu	-	-	20^0 53' 5"	84^0 0'42"	yes	N:P:K-30:25:25	As mentio	GT-	10kg/h	-	-	3.8	2	

			nda						kg/ha	ned above	10	a					
Manaranjan Padhan	Prafula Padhan	Jampali	Ulluda	-	-	20^0 53’ 2”	84^0 0’48”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.4	
Sunil Sahu	Panchanana Sahu	Jampali	Ulluda	-	-	20^0 53’ 10”	84^0 0’44”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.2	2.4	
Gyanaranjan Padhan	Adityaprasad Padhan	Jampali	Ulluda	-	-	20^0 53’ 4”	84^0 0’46”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.4	
Chaitanya Padhan	Patait Padhan	Jampali	Ulluda	-	-	20^0 53’ 8”	84^0 0’43”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.3	2.4	
Rajendra Panda	Parameswar Panda	Jampali	Ulluda	-	-	20^0 53’ 12”	84^0 0’48”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.6	2.0	
Arabinda Padhan	Umesh prasad Padhan	Jampali	Ulluda	-	-	20^0 53’ 5”	84^0 0’49”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.6	2.3	
Hara Sahu	Ramachandra Sahu	Jampali	Ulluda	-	-	20^0 53’ 6”	84^0 0’41”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.2	
Rabindra Padhan	Mahadev Padhan	Jampali	Ulluda	-	-	20^0 53’ 14”	84^0 0’42”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.4	2.2	
Ratan Padhan	Krushnachandra Padhan	Jampali	Ulluda	-	-	20^0 53’ 7”	84^0 0’43”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.2	2.0	
Panchanana Mendili	Dugu Mendili	Jampali	Ulluda	-	-	20^0 53’ 12”	84^0 0’48”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.23.6	2.0	
Baisakhu Mahakur	Dwaru Mahakur	Jampali	Ulluda	-	-	20^0 53’ 13”	84^0 0’44”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.4	2.0	
Antaryami Padhan	Baidara Padhan	Jampali	Ulluda	-	-	20^0 53’ 5”	84^0 0’46”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4.1	2.3	
Agasti	Prasadi	Ja	Ul	-	-	20^0	84^0	ye	N:P:K-	As	G	10k	-	-	4.	2.	

Sahu	Sahu	mpali	lunda			53’ 8”	0’44”	s	30:25:25 kg/ha	mentioned above	T-10	g/ha			2	3	
Narayana Salama	Puni Salama	Chuhanpali	Sonepur	-	-	20^0 47’ 47”	83^0 43’ 15”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.4	
Saheba Salama	Suru Salama	Chuhanpali	Sonepur	-	-	20^0 47’ 50”	83^0 43’ 11”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.4	
Subala Salama	Hadu Salama	Chuhanpali	Sonepur	-	-	20^0 47’ 44”	83^0 43’ 18”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.4	
Madhu Salama	Jaya Salama	Chuhanpali	Sonepur	-	-	20^0 47’ 42”	83^0 43’ 19”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.3	2.4	
Lochan Chuhan	Braja Chuhan	Chuhanpali	Sonepur	-	-	20^0 47’ 43”	83^0 43’ 9”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.3	2	
Jagamath Sa	Brundaban Sa	Chuhanpali	Sonepur	-	-	20^0 47’ 47”	83^0 43’ 8”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha2.4	-	-	3	2.4	
Bahadur Salama	Suru Salama	Chuhanpali	Sonepur	-	-	20^0 47’ 46”	83^0 43’ 17”	yes	N:P:K-30:25:25 kg/ha:P:K	As mentioned above	GT-10	10kg/ha	-	-	3	2	
Umesh Chuhan	Jogeswar Chuhan	Chuhanpali	Sonepur	-	-	20^0 47’ 40”	83^0 43’ 19”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3	2	
Jogeswar Chuhan	Braja Chuhan	Chuhanpali	Sonepur	-	-	20^0 47’ 52”	83^0 43’ 6”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3	2.1	
Padmanava Chuhan	Mangulu Chuhan	Chuhanpali	Sonepur	-	-	20^0 47’ 49”	83^0 43’ 5”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.5	
Bishikeshan Chuhan	Ghodigopal Chuhan	Chuhanpali	Sonepur	-	-	20^0 47’ 48”	83^0 43’ 10”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.6	2.5	
Sudam Salama	Hadu Salama	Chuhanpali	Sonepur	-	-	20^0 47’ 53”	83^0 43’ 11”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.6	2.0	

Khageswar Chuhan	Narayan Chuhan	Chuhanpali	Sonepur	-	-	20^0 47' 54"	83^0 43' 13"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3	2.3	
Pankaj Chuhan	Mangalu Chuhan	Chuhanpali	Sonepur	-	-	20^0 47' 47"	83^0 43' 18"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3	2.2	
Uddhaba chuhan	Ghodigopal Chuhan	Chuhanpali	Sonepur	-	-	20^0 47' 44"	83^0 43' 3"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3	2.2	
Rakesh Kumbhar	Gajaraj Kumbhar	Kankeda	Tarva	-	-	20^0 45' 21"	83^0 44' 35"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.2	
Fagunu Suna	Margasira Suna	Kankeda	Tarva	-	-	20^0 45' 25"	83^0 44' 38"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.4	2	
Sudarsan mishra	Bishnu Mishra	Kankeda	Tarva	-	-	20^0 45' 20"	83^0 44' 31"	yes	N:P:K-230:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.4	2.4	
Samari Kumbhar	Hariharа Kumbhar	Kankeda	Tarva	-	-	20^0 45' 21"	83^0 44' 25"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.2	2.1	
Kaifula Kumbhar	Margasira Kumbhar	Kankeda	Tarva	-	-	20^0 45' 15"	83^0 44' 33"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.0	
Ajayodha Kumbhar	Ramakrushna Kumbhar	Kankeda	Tarva	-	-	20^0 45' 16"	83^0 44' 34"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.5	
Gulapi Kumbhar	Gajapati Kumbhar	Kankeda	Tarva	-	-	20^0 45' 25"	83^0 44' 27"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3	2.5	
Sukru Dalbehera	Abadhuta Dalbehera	Kankeda	Tarva	-	-	20^0 45' 24"	83^0 44' 29"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3	2.3	
Daphe Kumbhar	Bhaktaram Kumbhar	Kankeda	Tarva	-	-	20^0 45' 23"	83^0 44' 31"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.4	2.3	
Suray Kumbhar	Uddhaba Kumbhar	Kankeda	Tarva	-	-	20^0 45' 28"	83^0 44' 35"	yes	N:P:K-30:25:25 kg/ha	As mentioned	GT-1	10kg/ha	-	-	3.6	2.0	

										above	0						
Ramesh Mishra	Sesadev Mishra	Kankeda	Tarva	-	-	20⁰ 45' 27"	83⁰ 44' 34"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.4	2.0	
Shiba Chandra Sethi	Basu Sethi	Kankeda	Tarva	-	-	20⁰ 45' 21"	83⁰ 44' 36"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.4	2.1	
Jamuna Sethi	Rahasha Sethi	Kankeda	Tarva	-	-	20⁰ 45' 20"	83⁰ 44' 33"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	2.2	
Satru Kumbhar	Akula Kumbhar	Kankeda	Tarva	-	-	20⁰ 45' 27"	83⁰ 44' 31"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	2.2	
Aswini Kumbhar	Satru Kumbhar	Kankeda	Tarva	-	-	20⁰ 45' 17"	83⁰ 44' 37"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.1	
Belarsan Naik	Swarna Naik	Kankeda	Tarva	-	-	20⁰ 45' 19"	83⁰ 44' 33"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.1	
Ramakanta Daruwan	Prasanna Daruwan	Kankeda	Tarva	-	-	20⁰ 45' 15"	83⁰ 44' 38"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.1	
Himansu Naik	Swarna Naik	Kankeda	Tarva	-	-	20⁰ 45' 19"	83⁰ 44' 35"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.1	
Rabindra Rout	Sudam Rout	Kankeda	Tarva	-	-	20⁰ 45' 13"	83⁰ 44' 28"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	3	
Dukhi Majhi	Jagadish Majhi	Kankeda	Tarva	-	-	20⁰ 45' 24"	83⁰ 44' 27"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	3	
Dipanjali Kumar	Sripati Kumar	Kankeda	Tarva	-	-	20⁰ 45' 26"	83⁰ 44' 29"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	3.1	
Naresh Jal	Dhuba Jal	Kankeda	Tarva	-	-	20⁰ 45' 28"	83⁰ 44' 30"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	2.5	
Margasira Jal	Dhuba Jal	Kanke	Tarv	-	-	20⁰ 45'	83⁰ 44'	yes	N:P:K-30:25:25	As mentio	GT-	10kg/h		-	3.6	2.5	

		da	a			21”	32”		kg/ha	ned above	10	a					
Rohitaswa Naik	Belar Naik	Kankeda	Tarva	-	-	20^0 45’ 22”	83^0 44’ 35”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.6	2.5	
Sapneswar Dalbehera	Narayan Dalbehera	Kankeda	Tarva	-	-	20^0 45’ 2”	83^0 44’ 36”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.6	3	
Nandakishor Mishra	Bishnu Mishra	Kankeda	Tarva	-	-	20^0 45’ 11”	83^0 44’ 26”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	3.1	
Subash Dalebehera	Abana Dalbehera	Kankeda	Tarva	-	-	20^0 45’ 18”	83^0 44’ 34”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	2.5	
Sukru Kumbhar	Uddhaba Kumbhar	Kankeda	Tarva	-	-	20^0 45’ 13”	83^0 44’ 39”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3	2.2	
Arta Mahakur	Uddhaba Mahakur	Kankeda	Tarva	-	-	20^0 45’ 18”	83^0 44’ 32”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	2.2	
Makradwaj Dalbehera	Abadhuta Dalbehera	Kankeda	Tarva	-	-	20^0 45’ 27”	83^0 44’ 40”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.1	
Pradeep Bagh	Jamindar Bagh	Majhifabsi	Sonepur	-	-	20^0 48’ 40”	83^0 44’ 32”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.1	
Basista Nag	Kartika Nag	Majhifabsi	Sonepur	-	-	20^0 48’ 45”	83^0 44’ 33”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.1	
Gakula Barik	Nabi Barik	Majhifabsi	Sonepur	-	-	20^0 48’ 44”	83^0 44’ 34”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.1	
Niranjan Putel	Kalakanhu Putel	Majhifabsi	Sonepur	-	-	20^0 48’ 43”	83^0 44’ 32”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	3	
Madan Deep	Prahallad Deep	Majhifabsi	Sonepur	-	-	20^0 48’ 48”	83^0 44’ 31”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	3	
Agasti	Jagaban	Ma	So	-	-	20^0	83^0	ye	N:P:K-	As	G	10k	-	-	3.	2.	

Bibhar	dhu Bibhar	jhifabsi	nepur			48’ 49”	44’ 29”	s	30:25:25 kg/ha	mentioned above	T-10	g/ha			7	2	
Sadhu Bagh	Santosh Bagh	Majhifabsi	Sonepur	-	-	20^0 48’ 42”	83^0 44’ 37”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.1	
Subash Nag	Kartika Nag	Majhifabsi	Sonepur	-	-	20^0 48’ 41”	83^0 44’ 28”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.1	
Subalaya Putel	Goutama Putel	Majhifabsi	Sonepur	-	-	20^0 48’ 40”	83^0 44’ 34”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.1	
Padartha Deep	Margasira Deep	Majhifabsi	Sonepur	-	-	20^0 48’ 45”	83^0 44’ 35”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.1	
Biswamitra Nag	Chhalu Nag	Majhifabsi	Sonepur	-	-	20^0 48’ 44”	83^0 44’ 36”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	3	
Bipin Putel		Majhifabsi	Sonepur	-	-	20^0 48’ 46”	83^0 44’ 38”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	3	
Jugi Bhoi	Kandarpa Bhoi	Majhifabsi	Sonepur	-	-	20^0 48’ 49”	83^0 44’ 39”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	2.2	
Jugindra Bhoi	Dasha Bhoi	Majhifabsi	Sonepur	-	-	20^0 48’ 45”	83^0 44’ 32”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	2.2	
Vika Bhue	Dina Bhue	Majhifabsi	Sonepur	-	-	20^0 48’ 47”	83^0 44’ 31”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.1	
Sadananda Sahu	Bhibisan Sahu	Chaukamal	Binika	-	-	20^0 58’ 9”	83^0 41’ 34”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.1	
Bidyadhar Biswal	Purnachandra Biswal	Chaukamal	Binika	-	-	20^0 58’ 10”	83^0 41’ 32”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.1	
Kautuk Biswal		Chaukamal	Binika	-	-	20^0 58’ 5”	83^0 41’ 34”	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.1	

Dhananjaya Biswal	Khageswar biswal	Chaukamal	Binika	-	-	20^0 58' 3"	83^0 41' 36"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	3	
Bihari Bariha	Sahadev Bariha	Chaukamal	Binika	-	-	20^0 58' 8"	83^0 41' 37"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	3	
Sushanta Biswal	Jayram Biswal	Chaukamal	Binika	-	-	20^0 58' 9"	83^0 41' 38"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	2.2	
Sudam Bhoi	Jay Bhoi	Chaukamal	Binika	-	-	20^0 58' 4"	83^0 41' 39"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.1	
Minaketan Bhoi	Gobinda bhoi	Chaukamal	Binika	-	-	20^0 58' 6"	83^0 41' 31"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.1	
Daitari Podha	Padartha Podha	Chaukamal	Binika	-	-	20^0 58' 7"	83^0 41' 29"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.1	
Pitambara Podha	Padartha Podha	Chaukamal	Binika	-	-	20^0 58' 11"	83^0 41' 28"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	2.1	
Ganantha Bhoi	Brundaban Bhoi	Chaukamal	Binika	-	-	20^0 58' 15"	83^0 41' 34"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	4	3	
Gupe Bhoi	Bhuban Bhoi	Chaukamal	Binika	-	-	20^0 58' 8"	83^0 41' 35"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	3	
Bhuban bhoi	Rushi bhoi	Chaukamal	Binika	-	-	20^0 58' 9"	83^0 41' 39"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.7	2.2	
Pitambara Bhoi		Chaukamal	Binika	-	-	20^0 58' 14"	83^0 41' 35"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.1	
Arjun Bariha	Durjan Bariha	Chaukamal	Binika	-	-	20^0 58' 11"	83^0 41' 36"	yes	N:P:K-30:25:25 kg/ha	As mentioned above	GT-10	10kg/ha	-	-	3.5	2.1	

3. Cluster frontline demonstration of rabi pulses (2018-19) performance data reporting format kvk wise

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	Greengram	Chaitimoong	6.7	750	480	1200	IPM-02-14 Brief technology intervention:- Seed rate-20 kg/ha, seed treatment with Rhizobium 20g/kg seed,.6-12 hrs before sowing, gypmite plus 100kg/ha , Quizalfopethyle 5% EC 800 ml/ha at 2-3 leaf stage for control of narrow leaf weeds, Thiomethoxam 25% WG @0.3g/lit for management of whitefly,	90	30	8.2	6.2	7.25			

							Sulfex 80% WP 2.5kg/ ha for control of powdery mildew, indoxacarb + Novaluron 875ml/ ha for control of Helocoverpa andspodoptera, Imazethapyr 10% SL@750 ml/ha for control of broad leaved weeds 16 DAS								

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	IPM-02-14 Brief technology intervention:- Seed rate-20 kg/ha, seed treatment with Rhizobium 20g/kg seed,.6-12 hrs before sowing, gypmite plus 100kg/ha , Quizalfop ethyle 5% EC 800 ml/ha at 2-3 leaf stage for control of narrow leaf weeds,	15370	26800	16780	1.7	19875	37375	17500	1.9

	Thiomethoxam 25% WG @0.3g/lit for management of whitefly, Sulfex 80% WP 2.5kg/ ha for control of powdery mildew, indoxacarb + Novaluron 875ml/ ha for control of Helocoverpa andspodoptera, Imazethapyr 10% SL@750ml/ha for control of broad leaved weeds 16 DAS								

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	Green gram var. IPM-02-14	725/ha	525	50	150	50	For fulfilling family requirement and purchase of inputs for agriculture activity	47

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
	Brief technology intervention: - Seed rate- 20 kg/ha, seed treatment with Rhizobium 20g/kg seed,.6-12 hrs before sowing, gypmite plus 100kg/ha , Quizalfop ethyle 5% EC 800 ml/ha at 2-3 leaf stage for control of narrow leaf weeds, Thiomethoxam 25% WG @0.3g/lit for management of whitefly, Sulfex 80% WP 2.5kg/ ha for control of powdery mildew, indoxacarb + Novaluron 875ml/ ha for control of Helocoverpa andspodoptera, Imazethapyr	Suitable			No	Yes	The required fund should be released in time for successful intervention of the technology.

	10% SL@750ml/ ha for control of broad leaved weeds 16 DAS						

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Seed treatment is successful in controlling diseases.	Quite successful in controlling seed borne diseases	No seed treatment was done by farmers in local varieties	
Yield is more as compared to local variety	Yield is good	Satisfactory as compared to local check	
Disease and pest control is very successful	Disease and pest control is satisfactory	Disesese and pest infestation was minimized by following technogy given to the farmers by their own.	

F. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Distribution of Critical input	15.11.2018 to 22.11.2018	60
2	Distribution of critical input	02.12.2018 to 07.12.2018	60
3	Monitoring the crop growth	05.01.2019 to 12.01.2019	50
4	Field visit to monitor insect pest infestation	10.02.2019 to 14.02.2019	50
5	Field day	30/03/2019	50

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

H. Farmers' training photographs

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	162000	162000	0
	ii) TA/DA/POL etc. for monitoring	8000	8000	0
	iii) Extension Activities (Field day)	5000	5000	0
	iv)Publication of literature	5000	5000	0
	Total	180000	180000	0

K. List of Farmer under FLD (Crop wise)

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					Village Palash-10 ha, Babupali-2.5 ha, pandkital-7.5 ha		H	L	A		
Ashok patra	Bije Patra	5963 1031 5062	966 881 482 2	Palash		20^0 54' 21"	83^0 53' 50"	Yes		Mentioned above	Ipm-02-14		8 kg/acre	8.2	6.3	7.25	6.7	8.2
Lalit Padhan	Bhagaban Padhan	3973 9610 5742	934 887 934 5	Palash		20^0 54' 25"	83^0 53' 41"	Yes		Mentioned above	Ipm-02-		8 kg/acre					

											14							
Narayan Kheti	Gobinda Kheti	7169 0182 9186	917 853 575 1	Palash		20^0 54’ 24”	83^0 53’ 46”	Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Satyabadi Bhoi	Dhobaicharan Bhoi	3609 7184 2024	801 828 107 3	Palash		20^0 54’ 23”	83^0 53’ 44”	Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Subal Padhan	Sahadev Padhan	6744 7939 4175	934 815 305 4	Palash	20^0 54’28”	83^0 53’ 42”		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Nepal Salima	Duryadhan Salima	2757 1386 6332	865 896 239 8	Palash	20^0 54’29”	83^0 53’ 52”		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Dinabandhu Sahu	Ramachandra sahu	9269 1317 4866	732 583 636 3	Palash	20^0 54’35”	83^0 53’ 58”		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Kangalu Sahu	Ajagabandhu Sahu	7704 7225 5535	732 583 636 3	Palash	20^0 54’38”	83^0 53’ 53”		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Bul		5381	865	Pal	20	83^0		Ye		Me	I		8					

u Deheri		26163165	8298869	ash	0 54’34”	53’46”		s		ntioned above	pm-02-14		kg/acre					
Radheshyam Salima	Nepal Salima	87174279 5503	865896 2398	Palash	20 0 54’40”	83 0 53’48”		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Lochan Sahu	Bidyadhara sahu	36718343 4469	801810 4519	Palash	20 0 54’45”	83 0 53’57”		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Ashatu Kheti	Bhik Kheti	57503012 7475	707707 6210	Palash	20 0 54’46”	83 0 53’59”		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Rajendra Sahu	Bidyadhara Sahu	87084226 1468	920596 9775	Palash	20 0 54’38”	83 0 53’52”		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Ekadushiya Sahu	Bidyadhara Sahu	32124803 9226	768180 1747	Palash	20 0 54’50”	83 0 53’46”		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Satyapriya sahu	Ekadushiya Sahu	71715924 9779	993768 6894	Palash	20 0 54’49”	83 0 53’48”		Yes		Mentioned abo	Ipm-		8 kg/acre					

										ve	02-14							
Panu Jal	Naran Jal	69287168 7707		Pandakital	20° 51'17"	83° 49'14"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Suresh Chirgun	Krushna Chirgun	37892459 3986	637105 1504	Pandakital	20° 51'16"	83° 49'15"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Lambodhara Sandha	Srimat Sandha	51989561 6968		Pandakital	20° 51'15"	83° 49'16"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Bhakta Chirgun		35659754 2555	865824 3624	Pandakital	20° 51'17"	83° 49'17"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Gupteswar Bagarti	Raghunath Bagarti	35134874 8126	637027 0558	Pandakital	20° 51'15"	83° 49'14"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Panchanana Hati	Arakshita Hati	47132519 6282		Pandakital	20° 51'18"	83° 49'14"		Yes		Mentioned above	Ipm-02-1		8 kg/acre					

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Lalbabu Thapa	Purandara thapa	7727 9260 4631		Pandakital	20° 51'18"	83° 49'13"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Pradip Ghibhila		6871 6821 9596		Pandakital	20° 51'16"	83° 49'17"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Bijaya Taria		2703 6627 5966		Pandakital	20° 51'17"	83° 49'14"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Aswini Chirgun	Bhakta Chirgun	5110 8478 7162	863 725 084 0	Pandakital	20° 51'16"	83° 49'15"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Bhagirathi Chirgun	Pitambara chirgun	6403 7713 3554	801 870 759 9	Pandakital	20° 51'16"	83° 49'15"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Kalamdhara Sandha	Srimat Sandha	7673 1963 0469	955 633 837 3	Pandakital	20° 51'14"	83° 49'16"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Bhima	Kushale	6434 4464	789 499	Pandak	20°	83°		Yes		Mentio	Ip		8 kg					

Bhue	Bhue	4285	5139	ital	51'17"	49'14"				ned above	m-02-14		/acre					
Suru Sandha	Srimat sandha	9760 0724 7067		Pandakital	20° 51'16"	83° 49'15"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Dilip Chirgun	Santosh Chirgun	6774 7567 4954	884 789 481 6	Pandakital	20° 51'15"	83° 49'16"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Sushanta Sandha	Basudev sandha	8774 4901 5761	814 427 337 7	Pandakital	20° 51'17"	83° 49'17"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Abadhuta Pradhan	Krushnachandra pradhan	2837 1657 7122	789 423 926 6	Pandakital	20° 51'15"	83° 49'14"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Brundabana Salama	Surendra salama	2267 8084 4960		Pandakital	20° 51'18"	83° 49'14"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Ananda Bagarti	Jagat Bagarti	5599 5436 2526		Pandakital	20° 51'18"	83° 49'13"		Yes		Mentioned above	Ipm-0		8 kg/acre					

											2-14							
Saroj Thapa	Lalbabu Thapa	3971 3649 9211	955 654 831 9	Pandakital	20° 51'17"	83° 49'14"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Chitaranjan Thapa	Lalbabu Thapa	4395 3727 3493		Pandakital	20° 51'17"	83° 49'14"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Sudhansu Bhoi	Samaru Nhoi	8092 4784 0191		Pandakital	20° 51'16"	83° 49'15"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Ganeshhati	Panchanan Hati	7000 8763 9467	933 762 434 7	Pandakital	20° 51'15"	83° 49'16"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Pradyumna Bagha	Kousik Bagha	7093 5695 2174	977 777 649 2	Pandakital	20° 51'17"	83° 49'17"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Himanshu Bhue		5220 9573 1032		Pandakital	20° 51'15"	83° 49'14"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					

Gulekha Kumbhar	Lala Kumbhar	5463 9361 5839		Pandakital	20° 51'18"	83° 49'14"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Pabitra Jagdala	Haribandhu Jagdela	5904 8974 7584		Pandakital	20° 51'18"	83° 49'13"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Arjuna Kumbhar	Master Kumbhar	7303 2134 9606		Pandakital	20° 51'16"	83° 49'17"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Rajesh Sahu	Jaydev Sahu	7287 3889 7442		Pandakital	20° 51'17"	83° 49'14"		Yes		Mentioned above	Ipm-02-14		8 kg/acre					
Dhaneswar Sethi				Pandakital	20° 51'16"	83° 49'15"												
Purandar Banchhor	Kaibalya Banchhor	4099 8642 3563		Babupali	20° 52'21"	83° 52'16"												
Satyabagh	Chandia Bagh	5276 7686 2748		Babupali	20° 52'22"	83° 52'15"												
Santosh Mallik	Sadashib Mallik	4289 9255 4923		Babupali	20° 52'23"	83° 52'14"												
Swetaba	Chandia	4461 3749		Babup	20°	83° 52'												

hini bagh	Bagh	0391		ali	52’21”	17”												
Suratha Mallik	Sahadev Mallik	8452 7928 2094		Babupali	20^{0} 52’22”	83^{0} 52’ 15”												
Sahadevmallik	Rameswar Mallik	2100 6461 5958		Babupali	20^{0} 52’21”	83^{0} 52’ 13”												
Biswa Bagh				Babupali	20^{0} 52’21”	83^{0} 52’ 16”												
Pitabasa Bagh				Babupali	20^{0} 52’22”	83^{0} 52’ 15”												
Bablu Bagh	Swetabahini bagh	7905 8872 2248		Babupali	20^{0} 52’23”	83^{0} 52’ 14”												
Dhiren Bagh	Swetabahini bagh	2634 4960 7837		Babupali	20^{0} 52’21”	83^{0} 52’ 17”												
Bikash Banchhor				Babupali	20^{0} 52’22”	83^{0} 52’ 15”												
Ahya banchhor				Babupali	20^{0} 52’21”	83^{0} 52’ 13”												
Chanchala Banchhor				Babupali	20^{0} 55’26”	83^{0} 50’ 15”												
Srikara Banchhor	Kaibalya Banchhor	3021 2596 6386		Babupali	20^{0} 55’18”	83^{0} 50’ 9”												
Uma Banchhor				Babupali	20^{0} 55’19”	83^{0} 50’ 11”												

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

A) Farmers and farm women (on campus)

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

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													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
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													

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
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
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													

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													
X. Capacity Building and Group Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL													

B) Rural Youth (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming	1												15
Seed production	1												15
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	2												30
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry 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
Ornamental fisheries													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL													

C) Extension Personnel (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops	2												30
Value addition													
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	1												15

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and 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	3												75
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management	7												150
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)	2												50
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	2												50
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)	5												125
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards	1												25
Export potential fruits													
Micro irrigation systems of orchards	1												25
Plant propagation techniques													
Others, if any(INM)	1												25
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology	1												25
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management	2												50
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1												25
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition	2												50
Income generation activities for	6												150

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
empowerment of rural Women													
Location specific drudgery reduction technologies	1												25
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements													
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
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													

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
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	3												75
Group dynamics													
Formation and Management of SHGs	1												25
Mobilization of social capital													
Entrepreneurial development of farmers/youths	2												50
WTO and IPR issues	1												25
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													

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
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL													

F) Extension Personnel (Off Campus)

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

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production	3												75
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management	7												150
Integrated Crop Management													
Fodder production													
Production of organic inputs	2												50
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management	2												50
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)	5												125
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards	1												25
Export potential fruits													
Micro irrigation systems of orchards	1												25
Plant propagation techniques													
Others, if any(INM)	1												25
TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Propagation techniques of Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology	1												25
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management	2												50
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	1												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
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	2												50
Income generation activities for empowerment of rural Women	6												150
Location specific drudgery reduction technologies	1												25
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													
Others, if any													
TOTAL													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													

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													
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													
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	3												75
Group dynamics													
Formation and Management of SHGs	1												25
Mobilization of social capital													
Entrepreneurial development of farmers/youths	2												50
WTO and IPR issues	1												25
Others, if any													
TOTAL													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. specify)													
TOTAL													

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming	1												15
Seed production	1												15
Production of organic inputs													
Planting material													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
production													
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	2												30
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	2												30
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing	1												15
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
Crop Production	F & FW	Micronutrient application for improving groundnut production	1	OFF			25			
	F & FW	Techniques to use Customized	1	OFF			25			

		Leaf Colour Chart for N-fertilizer application in rice								
	F & FW	Integrated weed management in medium land transplanted rice	1	OFF			25			
	F & FW	Improved cultivation technology of Sesamum	1	OFF			25			
	F & FW	Water management in major oilseeds	1	OFF			25			
	F & FW	Improved method of cultivation of *rabi* pulses under residual soil moisture in rice-fallow situation	1	OFF			25			
	F & FW	Production technology of sweet corn	1	OFF			25			
	F & FW	Problems in acid soils and their reclamation	1	OFF			25			
	F & FW	Green manuring techniques in paddy	1	OFF			25			
	F & FW	Improved cultivation technology of summer moong	1	OFF			25			
Horticulture	F & FW	Intercropping of vegetable crops in orchard	1	OFF			25			
	F & FW	Use of bio fertilizer in vegetable crop production	1	OFF			25			
	F & FW	Management of fungal and bacterial wilt in solanceous vegetables	1	OFF			25			
	F & FW	Improved method of kharif onion cultivation	1	OFF			25			

	F & FW	Fertilizer and canopy management in mango	1	OFF			25			
	F & FW	Use of bio chemicals for management of brinjal fruit and shoot borer	1	OFF			25			
	F & FW	Importance of tuber crop and method of cultivation	1	OFF			25			
	F & FW	Scientific package of practices for cultivation of capsicum	1	OFF			25			
	F & FW	Integrated nutrient management for cabbage and cauliflowers	1	OFF			25			
	F & FW	Improved method of cultivation in watermelon	1	OFF			25			
	F & FW	Management of young plants/orchards	1	OFF			25			
	F & FW	Use of micro-irrigation systems in vegetable and fruit crops	1	OFF			25			
Plant Protection	F & FW	Integrated Management of yellow stem borer in kharif paddy	1	OFF			25			
	F & FW	Integrated pest management of BPH in paddy	1	OFF			25			
	F & FW	Integrated disease management of blast, BLB and sheath blight in paddy	1	OFF			25			
	F & FW	Integrated disease management in vegetable nursery	1	OFF			25			
	F & FW	Wilt management in solanaceous	1	OFF			25			

		vegetables								
		Integrated pest management of fruit and shoot borer in brinjal	1	OFF			25			
Home Science	F & FW	Back yard poultry for income generation	1	OFF			25			
	F & FW	Value added products from mango	1	OFF			25			
	F & FW	Paddy straw mushroom cultivation for income generation	1	OFF			25			
	F & FW	Nutritional gardening for rural farm women	1	OFF			25			
	F & FW	Back yard duckery through khaki Campbell	1	OFF			25			
	F & FW	Low cost poly-house for nursery raising	1	OFF			25			
	F & FW	Culture and use of Azolla as cattle and poultry feed	1	OFF			25			
	F & FW	Oyster mushroom cultivation by different substrate	1	OFF			25			
	F & FW	Post harvest management of fruits and vegetables	1	OFF			25			
	F & FW	Methods of vermin-compost production and its use	1	OFF			25			
	F & FW	Use of women friendly drudgery reduction implements	1	OFF			25			
	F & FW	Gender mainstreaming through SHGs	1	OFF			25			

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	
Paddy	Seed production		2			15				
Paddy	IFS		2			15				
Chilli, Tomato	Value addition		4			30				

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

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

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total
Field Day	7										350
KisanMela											
KisanGhosthi											
Exhibition	1										250
Film Show	2										450
Method Demonstrations											
Farmers Seminar											
Workshop											
Group meetings	26										390
Lectures delivered as resource persons	10										300
Advisory Services											
Scientific visit to farmers field	664										3445
Farmers visit to											2165

KVK											
Diagnostic visits	312										1872
Exposure visits	1										15
Ex-trainees Sammelan											
Soil health Camp											
Animal Health Camp											
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings	8										120
Mahila Mandals Conveners meetings											
Celebration of important days (specify)	12										1050
Sankalp Se Siddhi											
Swatchta Hi Sewa	10										350
Mahila Kisan Divas	1										50
Any Other (Specify)											
Total											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	12
Radio talks	
TV talks	
Popular articles	
Extension Literature	
Other, if any	

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided			
				SC	ST	Other	Total
Paddy	Sahabhagi	21.2	66,123/-	-	-		-
	Pratikshya	45.8	1.38,820/-				
	Ranidhan	49.8	1,50,944/-				
Green gram	IPM-02-14			-	-	-	-
Grand Total							

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided			
				SC	ST	Other	Total
Vegetable seedlings							
Cauliflower	Shishir, Aabha(F1), Deepa	1650	1650.00				
Cabbage	Red Ruby-2, Hare Krishna, NS-22	1044	1044.00				
Tomato	Utkal kumari, Utkal raja, Arka Rakshak, VNR	13449	13449.00				
Brinjal	Utkal anushree, Akshita-30, Leela, VNR	3761	3761.00				
Chilli	Utkal ava, VNR-305, NS-238, Hyveg Gagan	2165	2165.00				
Onion	Bhima super	10500	10,500.00				
Broccoli	Lucky- F1	184	184.00				
Drumstick	PKM-1	35	525.00				
Capsicum		310	310.00				
Fruits							
Mango	-	-	-				
Guava							
Lime		13	390.00				
Papaya	Pusa nanha, VNR	172	2580.00				
Banana	Amrutpani, Champa	66	1980.00				
Others	-	-	-				
Ornamental plants							
Medicinal and Aromatic							

Plantation							
Spices							
Turmeric							
Tuber							
Elephant yams							
Fodder crop saplings							
Forest Species							
Mushroom spawn (Paddy straw & Oyster)		1050	12,600/-				
Mushroom (Paddy straw & oyster)		1.2 qtl	13,200/-				
Total							

Production of Bio-Products

Name of product	Quantity Kg	Value (Rs.)	No. of Farmers benefitted			
			SC	ST	Other	Total
Bio-fertilizers	1140	5700.00				
Bio-pesticide						
Bio-fungicide						
Bio-agents						
Others, please specify.						
Total						

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted			
				SC	ST	Other	Total
Dairy animals							
Cows							
Buffaloes							
Calves							
Others (Pl. specify)							
Small ruminants							
Sheep							
Goat							
Other, please specify							
Poultry							
Broilers							
Layers							
Duals (broiler and layer)	Kadaknath, Pallishree, Aseel, Rainbow rooster, RIR, Kaveri, Vanaraja,	1947	1,42,319/-				
Japanese Quail		300	13274/-				
Turkey							
Emu							

Ducks	Khaki Campbell, White pekin	1971	175,724/-	
Others (Pl. specify)				
Piggery				
Piglet				
Hog				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				
Others (Pl. specify)				
Grand Total				

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

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production Reports

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

iii) Financial Progress

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

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter				
Popular Articles				
Booklet	Anabana ghasa niyatnrana	Surajyoti Pradhan, Suprava Sethy		
Extension Pamphlets/ literature	Drgan phala chasa, Kadaknath	Geetanjali Pradhan, Surajyoti Pradhan P.L Roy, Dr.J.Sen		
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

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

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

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

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

Name of farmer	Mitrabrata Mishra
Address	Village- Sargaj, Block- Tarva
Contact details (Phone, mobile, email Id)	9937066706
Landholding (in ha.)	5 ha
Name and description of the farm/ enterprise	Organic farming in the context of vegetable cultivation. The farmer is using products of

	Multiplex and Biotech company in cultivating tomato, cucumber, bitter gourd, pumpkin, cowpea, okra, drum stick etc. For supplementation of urea he is using Latto of somitomo company, for NPK, Nalpak of Multiplex company, for potash , only K of Multiplex as foliar spray, for humic acid, NavjibangG and Jivaras of Multiplex, for hormonal imbalance he is using Samras etc. Also Om agro products and bio vinashak for pest and insect control. All these products are free from hazardous chemicals and rich in organic content. He is getting very good yield and quality products which are sold in the market in profitable amount
Economic impact	
Social impact	
Environmental impact	
Horizontal/ Vertical spread	

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

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

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

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

b. Give details of organic farming practiced by the farmer

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

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

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

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

Sl. No	Name of the Equipment	Qty.
1	Flame photometer	1
2	Nitrogen analyzer	1
3	PH meter	1
4	EC meter	1

5	Mechanical shaker	1
6	Weighing balance	2
7	Spectrophotometer	1

3.11.b. Details of samples analyzed so far :

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

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, Exhibition	250	03	Mrs. Usha Kumari, President, Zilla Parishad, Subarnapur Sj.Madhusudan Mishra, Collector cum DM, Subarnapur, Sri Purna Chandra Bishi, member, Zilla Parishad,Sonepur	115	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

3.13. Technology week celebration

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

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

No of student trained	No of days stayed
3	30

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
05.12.2018	Mrs. Usha Kumari, President, Zilla Parishad, Subarnapur	Chief guest in World Soil day

4. IMPACT

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

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

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

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

Horizontal spread of technologies	
Technology	Horizontal spread

Give information in the same format as in case studies

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

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

4.4. Details of innovations recorded by the KVK

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

4.5. Details of entrepreneurship development

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

4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage

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

a) Programmes for infrastructure development

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

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

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

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl.	Name of	Year	Area	Details of production	Amount (Rs.)	Remarks

No.	demo Unit	of estt.	(Sq. mt)	Variety/bred	Produce	Qty.	Cost of inputs	Gross income	
1.									
2.									
3.									
4.									
5.									
6.									
7.									
	Total								

6.2. Performance of Instructional Farm (Crops)

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

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

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

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

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

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
September	16	2	
November	16	1	
December	16	1	
February	16	1	
February	40	2	

Total :	104	7	

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed:yes
No. of staff quarters: 6
Date of completion: April 2011
Occupancy details:

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current Account	SBI, Sonepur	Sonepur	11404540083

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	
Sesamm	150000	-	150000	-	0

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	
Blckgram	180000		180000		0
Grengram		180000		180000	0

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	64.0	64.0	
2	Traveling allowances	0.70lakh	0.70lakh	0
3	Contingencies	9lakh	9lakh	0
A				
B				
C				
D				
E				
F				
G				

H				
I				
J	Swachhta Expenditure			
TOTAL (A)		73.7		
B. Non-Recurring Contingencies				
1				
2				
3				
4				
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2015-16	0.00	4,63,960	3,65,865	
2016-17	0.00	4,59,918	3,46,451	
2017-18	0.00	6,35,169	4,92,472	
2018-19	0.00	7,21,181	5,16,483	

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

7.7. Joint activity carried out with line departments and ATMA

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

8. Other information

8.1. Prevalent diseases in Crops

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

8.2. Prevalent diseases in Livestock/Fishery

Name of the disease	Species affected	Date of outbreak	Number of death/ Morbidity	Number of animals	Preventive measures

			rate (%)	vaccinated	taken in pond (in ha)

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

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

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	
2.	No. of farmers registered in the portal	*10850*
3.	Mobile Apps developed by KVK	
4.	Name of the App	
5.	Language of the App	
6.	Meant for crop/ livestock/ fishery/ others	
7.	No. of times downloaded	

9.5. a. Observation of Swachh Bharat Programme

Date/ Duration of Observation	Activities undertaken

b. Details of Swachhta activities with expenditure

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

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with Seema Suraksha Bal/ BSF

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school

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

Give good quality 1-2 photograph(s)

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

Date of 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 Doordarshan (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		

9.10. Details of Swachhta Hi Sewa programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	15	5	80	13	Sri Santosh Kumar Jena Sri Brajabandhu Panigrahi Sri P.K Dey Sri. Narendra Kumar Sahoo Sri. Saroj Kumar Dash Dr. Sunil Kumar Mohapatra Prasanta Kumar Satapathy Srinnibash Mallick Antryami Sahoo Prakash Kumar Sahoo Sri T.S. Rout Sri. Hitesh Ku. Badhei Dr. Bhuban Mohan Sahu

9.11. Details of Mahila Kisan Divas programme organized

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

1	1	1	50	-	-

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

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

9.13. Revenue generation

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

9.14. Resource Generation:

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

9.15. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
2011	NICRA	Non Functional

9.16. Contingent crop planning

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

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

a) Year:
b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1						
Experiment 2						
Experiment 3						
…						
..						

Others (If any)						

11. Details of TSP

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

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

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

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

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

d. Location and Beneficiary Details during 2017-18

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

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

Natural Resource Management

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
Green manuring with Dhaincha		15	5.0	3	-	2	-	10	-	-		15	

Crop Management

Name of intervention undertaken	Area (ha)	No of farmers covered / benefitted									Remarks
		SC		ST		Other		Total			
		M	F	M	F	M	F	M	F	T	
Demonstration of drought tolerant paddy variety	5	5		3		12		20		**20**	
Demonstration of drought tolerant paddy variety	5	4		2		9		15		**15**	
Demonstration of groundnut var. Devi	5	3		2		5		10		**10**	
Practice for community nursery	10	-		-		1		-		**1**	
Cultivation of HYV Okra var. Pusa A-4	8	-		-		1		-		**1**	

Livestock and fisheries

Name of intervention undertaken	Number of animals covered	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
				SC		ST		Other		Total			
				M	F	M	F	M	F	M	F	T	
Demonstration of back yard poultry banaraja in back yard		10	10.0	2	2		2	1	3	3	7	10	
Pisciculture activities by Bapuji Pathagar		14	0.6	3		4		7		14		14	
Fodder production		10	1.0	4				6		10		10	

Institutional interventions

Name of intervention undertaken	No of units	Area (ha)	No of farmers covered / benefitted									Remarks
			SC		ST		Other		Total			
			M	F	M	F	M	F	M	F	T	
Use of different farm machinery for timely operation	91										132	
Seed bank	1										08	
Azolla as supplementary feed for cattle	15										15	

Capacity building

Thematic area	No of Courses	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
Crop Protection	1	2	2	3	1	15	2	20	5	25
Crop Production	1	-	3	-	5	2	15	2	23	25
HOV	1	3	2	4	3	11	2	18	7	25
HOV	1	2	2	1	1	14	5	17	8	25
Income generation activities	1	1	1	3	-	17	3	21	4	25

Extension activities

Thematic area	No of activities	No of beneficiaries								
		SC		ST		Other		Total		
		M	F	M	F	M	F	M	F	T
Convergence programme 1- Demonstration of paddy var. NRK-51 & 52 tthrough ATMA 2- Demonstration of Arhar in field bunds 3- Demonstration of green gram in var. IPM-02-04	03	2	1	5	2	18	2	25	5	30
Animal health camp	01	-	-	-	-	-	-	-	-	-

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
1	OUAT foundation day	Mitrabrata Mishra	2018-19	OUAT	-	Best farmer of the district
2						
3						

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 adoption of the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
	Module-I				
1	Demonstration on cultivation of ground nut in Kharif (crop diversification)	Weed managemant Imazithypar 10 % SL @ 750 ml./ha at15 DAS Lime 5 qtl./ha IPM in ground nut : Seed	45800	5	

		treatment with carboxin 37.5 % + thiram 37.5 % 2@ 2.5 g./kg seed , spraying of Chlorothalonil 75 % WP @1.5 gram/lit , Thiophanate methyl 70 % W.P. @ 1.0 g./lit and Triazophos 40 % SP @ 2 ml /lit			
2	Demonstration of Poultry breed in backyard for meat and egg production	Rearing and feeding management along with vaccination of poultry bird (Pallishree)	8750/ from 25 nos. of bird in 3 month	5	
3	Demonstration on Paddy straw mushroom cultivation	Paddy straw Mushroom cultivation Variety: *Volvariella volvacea*, paddy straw-25kg, Bengal gram flour-250g, spawn-200g, polythene,	15000/ from 100 nos. of bed	5	
4	Demonstration of Oyster mushroom cultivation	Cultivation of oyster mushroom (*Pleurotus sajorcaju*) by using Oyster mushroom spawn-200gm, wheat-200g, polythene bag,	10300/ from 100 nos. of bed	5	
	Module-II				
	Demonstration of early transplanting of Bina-11	Weed management : Bensulfuron methyl + Preetilachlor 10 Kg/ha within 3 DAT spraying of Tricyclazole 75	34632	10	

		% WP 0.2 g/lit , Indoxacarb 14.5 % S.C. @ 0.5 ml/lit and thiomethoxam 25 % WG 0.2 g./lit,			
	Demonstration on paira cropping of green gram variety TARM 1	seed treatment with Imidacloprid 70 % WS @ 10 g./kg seed, Yellow sticky trap 25/ha, Spraying of thiomethoxam 25 % WG 0.2 g./lit and Triazophos 40 % E.C. @ 2 ml/lit for management of white fly and pod borer	18750	10	
	Demonstration of Poultry breed in backyard for meat and egg production	Rearing and feeding management along with vaccination of poultry bird (Pallishree)	7500/- from 25 nos of bird in 3 month	10	
	Demonstration on Paddy straw mushroom cultivation	Paddy straw Mushroom cultivation Variety: *Volvariella volvacea*, paddy straw-25kg, Bengal gram flour-250g, spawn-200g, polythene,	14600/- from 100 nos of bed	10	
	Demonstration of Oyster mushroom cultivation	Cultivation of oyster mushroom (*Pleurotus sajorcaju*) by using Oyster mushroom spawn-200gm, wheat-200g, polythene	8300/ from 100 nos of bed	10	

		bag,			
	Module-III				
	Demonstration on line transplanting of paddy var. Swarna	Weed managemnet : Bensulfuron methyl + Preetilachlor 10 Kg/ha within 3 DAT Spraying of Tricyclazole 75 % WP 0.2 g/lit, alternate drying and weting , making alley at 3 met. Interval and Flunicamid 55WG @0. 15kg/ha	34621	5	
	Demonstration of Swarna Shyamli variety of Brinjal	Spraying of Cartap hydrochloride @ 1.5 g/lit for brinjal fruit and shoot borer and thiomethoxam 25 % WG @ 0.2 ml/lit for white fly management	205000	5	
	Demonstration on okra Var-Pusa - A4	Spraying thiomethoxam 25 % WG @ 0.2 ml/lit and yellow sticky tra @ 50/hafor white fly management	95000	5	
	Demonstration on Paddy straw mushroom cultivation	Paddy straw Mushroom cultivation by utilization of agricultural waste in a scientific method Variety: *Volvariella volvacea*, paddy straw-25kg, Bengal gram	13000/ from 100 nos. of bed	5	

		flour-250g, spawn-200g, polythene, thatched house			
	Demonstration of vemicompost production and its use to increase income	Vermicomposting with Eisinea foetida. 8'' garbage wetted with fym cow dung slurry with 1'' cow dung, composting completed at 90 days	4250	5	
	Demonstration of Oyster mushroom cultivation	Cultivation of oyster mushroom (*Pleurotus sajorcaju*) by using Oyster mushroom spawn-200gm, wheat-200g, polythene bag,	9100/ from 100 nos. of bed	5	

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 24.04.218)					
Total					

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

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

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

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

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

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

21. Information on NARI Project (if applicable)

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

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

Krishi Kalyan Abhiyan- I and II

A. Training

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

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

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

C. Livestock and Fishery related activities

Name of programme	***No. of Pro***	***Activities performed***				***No. of farmers benefited***				***No. of other officials (except***
		No. of anima	***No. of anima***	***Feed/ nutrie***	***Any other***	***SC***	***ST***	***Others***	***Total***	

	gramme	*ls vaccinated*	*ls dewormed*	*nt supplements provided (kg)*	*(Distribution of animals / birds/ fingerlings) [No.]*	*M*	*F*	*M*	*F*	*M*	*F*	*M*	*F*	*T*	*KVK) attended the programme*
KKA-I															
KKA-II															

D. Other activities

Name of programme	*Activities*	*No. of farmers benefited*									*No. of other officials (except KVK) attended the programme*
		SC		*ST*		*Others*		*Total*			
		M	*F*	*M*	*F*	*M*	*F*	*M*	*F*	T	
KKA-I	Soil Health Card Distributed										
	NADEP Pit established										
	Farm implements distributed										
	Others, if any										
KKA-II	Soil Health Card Distributed										
	NADEP Pit established										
	Farm implements distributed										
	Others, if any										

Krishi Kalyan Abhiyan- III

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

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

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

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

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