

**ANNUAL REPORT 2017-18 (April 2017 to March 2018) OF KVK MAYURBHANJ-1**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	
KVK Mayurbhanj-I , At/Po-Shamakhunta, Mayurbhanj Odisha, Pin – 757049	91-8480276519	-	kvkmayurbhanj1.ouat@gmail.com / mayurbhanjkvk@yahoo.co.in

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

Address	Telephone		E mail
	Office	FAX	
Odisha University of Agriculture & Technology, At/Po-Bhubaneswar – 751 003	0674-2392677	0674-2397780	vc@ouat.nic.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Sanghamitra Pattnaik	91-9437147934	9437147934	dina_neha@gmail.com

## 1.4. Year of sanction of KVK: 2005

**1.5. Staff Position (as on 25<sup>th</sup> May, 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. S. Pattnaik	Sr. Scientist & Head	Horticulture	15600-39100 & GP-8000 & 17040	12.11.2015	Permanent	General
2	Subject Matter Specialist	Mr. B. Samantaray	Scientist(Fishery Science)	Fishery Science	15600-39100 & GP-6000 & 24850	12.01.2006	Permanent	General
3	Subject Matter Specialist	Mrs. J. Bhuyan	Scientist (Home Science)	Home Science	15600-39100 & GP-6000 & 21390	23.10.2009	Permanent	OBC
4	Subject Matter Specialist	Vacant	Scientist 3					
5	Subject Matter Specialist	Vacant	Scientist 4					
6	Subject Matter Specialist	Vacant	Scientist 5					
7	Subject Matter Specialist	Vacant	Scientist 6					
8	Programme Assistant	Vacant	Programme Assistant					
9	Computer Programmer	Mr. J. K. Biswal	Programme Assistant (Computer)	Computer Science	9300-34800 & GP-4200 & 15100	30.01.2006	Permanent	General
10	Farm Manager	Mr. D.Nayak	Farm Manager	Agronomy	9300-34800 & GP-4200 & 11940	28.09.2011	Permanent	General
11	Accountant / Superintendent	Vacant	Accountant / superintendent					
12	Stenographer	Mr. R.N.Pati	Jr. Steno-cum-	-	5200-20200 &	16.10.2006	Permanent	General



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
	structure								
7	Threshing floor					Yes	44.6	Use	ICAR
8	Farm godown								
9.	Dairy unit								
10.	Poultry unit					Yes	92.9	Use	DRDA ,Baripada
11.	Goatary unit								
12.	Mushroom Lab					Yes		Use	RKVY
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab								
16	Others, Please Specify (seed processing plant-Cum-Seed Store Building)				Construction of Ground floor work completed and 2nd floor works has been completed	N			ICAR

\* 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
Office Jeep	2017	8,00,000	13660( As on 31.03.2017)	Good
Tractor	2006	3.41658	9000hrs	Needs Replacement
Motor bike	2010	50000	30000	Good

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
<b>a. Lab equipment</b>				
Soil & Water Lab Equipment	2015	1700000	Good	ICAR
Soil Test Kit	2017	90300	Good	ICAR
<b>b. Farm machinery</b>				
Paddle winnower	2006	2415	Good	ICAR
Paddy thresher	2006	3275	Good	ICAR
Power sprayer	2007	5434	Good	ICAR
Rotavator	2006	64335	Good	ICAR
Cono weeder	2006	1204	Good	ICAR
Walk behind 4row rice transplanter	2017	239000	Good	ICAR
Rotavator-‘4’	2017	88970	Good	ICAR
Zero Till Seed Drill-11 row	2017	81819	Good	ICAR
<b>c.AV Aids</b>				
Conference System	2017	81115	Good	ICAR
Projector	2017	38858	Good	ICAR
Camera	2016	22751	Good	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Horticultural tools	2008	4909	Good	ICAR
Wheel finger weeder	2008	800	Good	ICAR
Cono weeder	2008	1204	Good	ICAR
Pre germinated paddy Drum seeder	2008	2520	Good	ICAR
Power Weeder	2017	8580	Good	ICAR
Battery Operated Sprayer	2017	4200	Good	ICAR
Fertilizer Broad caster	2018	4480	Good	ICAR

Sprayer	2018	3094	Good	ICAR
Seed Treating drum	2018	3445	Good	ICAR
Parboiling Unit	2018	5060	Good	ICAR
4-Row Drum seeder	2018	4675	Good	ICAR
Pedal Paddy Thresher	2018	6225	Good	ICAR
Cono weeder	2018	1710	Good	ICAR
Mandwa Weeder	2018	1080	Good	ICAR

### 1.8. Details SAC meeting\* conducted in the year

Sl. No.	Date	Number of Participants	Salient Recommendations	Action taken	If not conducted state reason
1.	21.02.2018	25	KVK to organize training programme on solar drier for the SHG groups.	The activity has been included in Action Plan 2018-19	
			KVK to organize FLD & OFT programme in Pani Panchayat area.		
			Number of trainings and beneficiaries must be increased.		
			More number of demonstration programmes on use of small tools and implements for drudgery reduction of farm women farmers to be conducted in near future.		
			In KVK and CISA collaborative maize project to restore the soil health, intercropping of pulses or food fodder inter cropping should be adopted.		
			Awareness programme to be conducted for effective utilization of water in Rabi season and adopting of pulse crops in place of Rabi Paddy.		
			Rural youth, school dropout and for housewives to build them as an entrepreneur, KVK to organize skill training programme on mushroom production & food processing of tomato, ginger, mushroom powder, dry packing of Dhingiri, Cauliflower.		
			OFT on Onion cultivation in Kharif season to be included in future action plan.		
			OFT to be designed on cultivation of hybrid Papaya in comparison to the Red Lady variety in Mayurbhanj.		
			OFT on varietal recommendation of each crop under protected structure to be designed.		
			Availability of organic manure in KVK and govt. sales centre.		
			Recruitment of Scientist in the discipline of Animal Science and Agronomy in		

			KVK, Mayurbhanj-1.		
			Doubling the farmers income by 2022, few IFS model may be established in govt. farms and KVK.		
			Submission of project proposal on establishment of tissue culture banana under RIDF scheme.		
			KVK to give emphasis on trial on seasonal pond, diversification of species (Amur carp), demonstration of Pengua fish and training on palatable feed.		
			OFT on delay in harvesting of field crop to be conducted by KVK.		
			OFT on method of harvesting (mechanical & manual) at what stage to be conducted by KVK.		
			Adoption of more villages by KVK in near future and focus on oil seed crops.		

\* Salient recommendation of SAC in bullet form

Attach a copy of SAC proceedings along with list of participants

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

Sl. no.	Item	Information
1	Major Farming system/enterprise	Paddy, Paddy -Ground nut ,Paddy – Green gram, Animal Husbandry , Paddy + Animal Husbandry,Paddy -Vegetable, Paddy + Pisciculture
2	Agro-climatic Zone	North Central Plateau
3	Agro ecological situation	AES – I(Low Rainfall, Low Elevation, Blocks (Five) : Tiring, Rirangpur, Rasgovindpur, Bahalda, Shuliapada), AES – II (Low Elevation, Medium Rainfall ,Blocks (Fifteen): Baripada, Badasahi, Shamakhunta, Khunta, GB Nagar, Betonati, Moroda, Kuliana, Bangiriposi, Udala, Saraskana, Kusumi, Bishoi, Bijatota, Jamuda) , AES – III(Low Elevation, High Rainfall,Blocks (One): Kaptipada) , AES – IV(Medium Elevation, Medium Rainfall ,Blocks (Five): Karanjia, Sukruli, Jashipur, Raruan, Thakurmunda)
4	Soil type	Mixed Red & Yellow
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Paddy-31.87q/ha, Green gram-6.39q/ha, Black gram-6.23q/ha, G.nut-12.65q/ha & Maize-28.70
6	Mean yearly temperature, rainfall, humidity of the district	Max. 390C ; Min. 40C, 1600 mm in 77 rainy day
7	Production of major livestock products like milk, egg, meat etc.	Milk-2,71666liters/day, Egg-94693nos/day, Meat 93667kg/day

Note: Please give recent data only

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Shamakhunta	Shamakhunta	Ambdubi	Rice,Groundnut, Black gram, Vegetable, Poultry, Goatery	•Distress sale of vegetable during Rabi •Crop loss due to cyclone, hailstorm and/or heavy rain during harvesting stage of pulses	<ul style="list-style-type: none"> <li>• Nutrient management in direct seeded rice</li> <li>• Off season vegetable cultivation</li> <li>• Stocking of advanced fingerling in community pond management</li> <li>• Intercropping minor carp to increase fish production</li> <li>• Providing food and nutritional security, income to women and tribal communities through secondary agriculture</li> </ul>
2	Bangiriposi	Bangiriposi	Kansapal	Rice,Groundnut, Black gram, Vegetable, Poultry	Crop loss due to cyclone, hailstorm and/or heavy rain during harvesting stage of pulses	
3	Suliapada	Suliapada	Khadiasole	Rice, Green gram, Traditional pisciculture ,Poultry	Crop loss due to cyclone, hailstorm and/or heavy rain during harvesting stage of pulses	
4	Kaptipada	Kaptipada	Machhia	Rice, Green gram, Traditional pisciculture ,Vegetable , Poultry	Crop loss due to cyclone, hailstorm and/or heavy rain during harvesting stage of pulses	
5	Betanoti	Betanoti	Gargadia	Rice, Green gram, Traditional pisciculture ,Vegetable , Poultry	Crop loss due to cyclone, hailstorm and/or heavy rain during harvesting stage of pulses	

**2. c. Details of village adoption programme:**

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

Name of village	Block	Action taken for development
Ambdubi	Shamakhunta	<ul style="list-style-type: none"> <li>➤ Introduction of off season cauliflower.</li> <li>➤ Substituted with black gram variety PU-31</li> <li>➤ Calcium Supplementation (4ml/day per bird) of RIR breeds</li> <li>➤ Deworming of kids and PPR vaccination</li> <li>➤ Mushroom cultivation throughout the year</li> </ul>



Kansapal	Bangiriposi	<ul style="list-style-type: none"> <li>➤ Diversification of Up land paddy to off season cauliflower</li> <li>➤ Substituted with groundnut variety K-6 in line sowing (Seed cum fertilizer drill)</li> <li>➤ Substituted with green gram variety IPM-2-14 in line sowing (Zero till seed cum fertilizer drill)</li> <li>➤ Calcium Supplementation (4ml/day per bird) of RIR breeds</li> <li>➤ Mushroom cultivation throughout the year</li> </ul>
Khadiasole	Suliapada	<ul style="list-style-type: none"> <li>➤ Introduction of Green gram variety IPM-2-14 variety</li> <li>➤ Introduction of RIR breed</li> <li>➤ Introduction of Mushroom cultivation in small scale</li> </ul>
Machhia	Kaptipada	<ul style="list-style-type: none"> <li>➤ Introduction of Green gram variety IPM-2-14 variety</li> <li>➤ Introduction of RIR breed (20 nos.)</li> <li>➤ Mushroom cultivation in small scale (10 nos)</li> </ul>
Gargadia	Betanoti	<ul style="list-style-type: none"> <li>➤ Variety DRR-42</li> <li>➤ Mushroom cultivation in small scale (20 nos.)</li> </ul>

### 2.1 Priority thrust areas

S. No	Thrust area
1.	Nutrient management in direct seeded rice
2.	Crop intensification in rice fallow through zero tillage technology
3.	Promotion of DSR through seed cum fertilizer drill to reduce cost of cultivation
4.	Off season vegetable cultivation
5.	Increasing yield of banana with recommended package and practices
6.	Promotion floriculture in poly house
7.	Reducing cost, time, labour and increasing yield of maize with line sowing through seed cum fertilizer drill
8.	Energy and labour saving technology (solar pump) for small scale irrigation
9.	Promotion of small tools and implements for drudgery reduction of farm women
10.	Stocking of advanced fingerling in community pond management
11.	Intercropping minor carp to increase fish production
12.	Providing food and nutritional security, income to women and tribal communities through secondary agriculture

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

OFT						FLD					
No. of technologies:						No. of technologies:					
Number of OFTs			Number of farmers			Number of FLDs			Number of farmers		
Target	Achievement	Target	Achievement			Target	Achievement	Target	Achievement		
			SC/ ST	Others	Total				SC/ ST	Others	Total
8	6	56	26	18	44	12	9	95	31	49	80

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
37	33	650	328	319	647	5	3	125	25	49	74
Seed production (q)						Planting material (in Lakh)					
Target		Achievement				Target		Achievement			
450.0		450.0				2.385		2.54448			

Livestock strains and fish fingerlings produced (in lakh)*			Soil, water, plant, manures samples tested (in lakh)		
Target	Achievement		Target	Achievement	
-	-		200	55	

\* Give no. only in case of fish fingerlings

Publication by KVKs		
Item	Number	No. circulated
Research paper	-	-
Seminar/conference/ symposia papers	-	-
Books	1	500
Bulletins	2	-
News letter	2	1000

Popular Articles		
Book Chapter		
Extension Pamphlets/ literature	2	200
Technical reports	7	28
Electronic Publication (CD/DVD etc)	2	10
TOTAL	16	1738

## 1.Achievements on technologies assessed and refined

### OFT-1

1.	Title of On farm Trial	Assessment of different ornamental plants in poly house throughout the year
2.	Problem diagnosed	Low remuneration from the traditional vegetable crops
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Cultivation of Gerbera& Rose
4.	Source of Technology	OUAT, 2013
5.	Production system and thematic area	Irrigated, Poly house & Precession Farming
6.	Performance of the Technology with performance indicators	B:C ratio, Farmers feed back
7.	Final recommendation for micro level situation	B:C ratio, Farmers feed back
8.	Constraints identified and feedback for research	-
9.	Process of farmers participation and their reaction	Farmers are willing to adopt different ornamental plants in poly house throughout the year

*Thematic area:* Poly house & Precession Farming

*Problem definition:* Low remuneration from the traditional vegetable crops

*Technology assessed:* Different ornamental plants in poly house throughout the year

*Table:* TO-1: Cultivation of gerbera, TO-2 Cultivation of rose

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
TO-1	5									
TO-2	5									

Results: Continuing

**OFT-2**

1.	Title of On farm Trial	Assessment of triple disease resistant tomato hybrid “Arka Rakshak and “Arka Samrat”
2.	Problem diagnosed	Low yeild of tomato due to incidence of predominatn diseases viz. bactrial wilt. Early blight and ToLCV (Tomato leaf curl virus)
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Arka Rakshak & Arka Samrat
4.	Source of Technology	Source : IIHR, 2013
5.	Production system and thematic area	Medium land Irrigated (Paddy-Vegetable)
6.	Performance of the Technology with performance indicators	Varietal Evaluation
7.	Final recommendation for micro level situation	B:C ratio, Farmers feed back
8.	Constraints identified and feedback for research	Seeds are not available in the market.More no.of disease resistance varieties should be tried in different locations and released .
9.	Process of farmers participation and their reaction	Farmers are willing to adopt these varieties as more than 50%areas affected due to incidence of diseases

*Thematic area:*

Problem definition: Low yield of tomato due to incidence of predominatn diseases viz. bactrial wilt. Early blight and ToLCV(Tomato leaf curl virus)

Technology assessed: TO-1:Arka Rakshak ,TO-2:Arka Samrat

## Table:

Technology option	No. of trials	Yield component			Wilt incidence (%)	Yield (q/ha)	Cost of cultivation(Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Fruit wt. in gm								
FP	13	45			40%	160	55,000	2,40,000	1,85,000	4.36
TO 1	13	70			nil	530	1,40,000	7,95,000	6,55,000	5.67
TO2	13	95			nil	570	1,40,000	8,55,000	7,15,000	6.10

Results: TO2 fetches more yield with highest BC ratio than farmer’s practice and TO1.

**OFT-3**

1.	Title of On farm Trial	Assessment of tractor operated multi crop seed cum fertilizer drill for line sowing of groundnut
2.	Problem diagnosed	<ul style="list-style-type: none"> <li>• Improper plant population and low yield of groundnut in conventional method of sowing</li> <li>• Higher cost of operation</li> </ul>
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1-Sowing by power tiller operated multi crop seed cum fertilizer drill TO2-Sowing by tractor operated multi crop seed cum fertilizer drill (Assessment)
4.	Source of Technology	OUAT, Bhubaneswar, 2013
5.	Production system and thematic area	Irrigated, Medium land, Rice – Groundnut cropping system Farm mechanization
6.	Performance of the Technology with performance indicators	AFC (h/ha), Field Efficiency (%), Fuel consumption (l/h), Yield (q/ha) Cost of operation (Rs/ha), B:C ratio, farmers feedback
7.	Final recommendation for micro level situation	Both Tractor and power tiller operated multi crop seed cum fertilizer drill may be used for line sowing of groundnut w.r.t their power source
8.	Constraints identified and feedback for research	There is 3 to 5 % missing in power tiller seed cum fertilizer drill and more trial may be conducted on power tiller seed cum fertilizer drill
9.	Process of farmers participation and their reaction	Satisfied with the technology

*Thematic area: Farm mechanization*

Problem definition: Improper plant population and low yield of groundnut in conventional method of sowing and higher cost of operation

Technology assessed: TO1-Sowing by power tiller operated multi crop seed cum fertilizer drill, TO2-Sowing by tractor operated multi crop seed cum fertilizer drill

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of pods/plant	No. of spikelet per panicle	Test wt. (100 grain wt.)						
Farmer's practice	07	16	-	-	7	17.7	24600	44250	19650	1.80
TO1	07	19	-	-	5	18.1	22912	45250	22338	1.97
TO2	07	22	-	-	5	19.6	22456	49000	26544	2.18

## KVK MAYURBHANJ-1,ODISHA

Technology option	Field capacity (ha/h)	Labour requirement (Man-days/ha)	Cost of operation (Rs/ha)	Labour reduction (%)	Cost reduction (%)
Farmer's practice	0.05	26.67	5334		
TO1	0.16	2.08	3646	92.2	31.64
TO2	0.35	1.43	3190	94.6	40.2

Results: TO2 fetches more yield with highest BC ratio than farmer's practice and TO1.

**OFT-4**

1.	Title of On farm Trial	Assessment of tractor drawn zero till drill for sowing green gram
2.	Problem diagnosed	<ul style="list-style-type: none"> <li>Higher cost of operation in conventional green gram sowing method</li> <li>Low yield due to improper plant population</li> <li>Delay in sowing of green gram in traditional methods (broadcasting) reduces yield</li> </ul>
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO1- Conventional tillage with sowing by tractor operated multi crop seed cum fertilizer drill TO2- Sowing by tractor drawn zero till drill
4.	Source of Technology	GBPUAT, Pantnagar, 2011
5.	Production system and thematic area	Irrigated, Medium land, Rice – Green gram cropping system Farm mechanization
6.	Performance of the Technology with performance indicators	AFC (h/ha), Field Efficiency (%), Fuel consumption (l/h), Yield (q/ha) Cost of operation (Rs/ha), B:C ratio, farmers feedback
7.	Final recommendation for micro level situation	Zero till seed cum fertilizer drill may be used for line sowing of green gram in available moisture under irrigated condition
8.	Constraints identified and feedback for research	In non-irrigated condition yield drastically reduced so it may be refined for final recommendation whether it is suitable for irrigated or in both condition
9.	Process of farmers participation and their reaction	Farmers appreciated the technology

*Thematic area: Farm mechanization*

Problem definition: Higher cost of operation in conventional green gram sowing method and low yield due to improper plant population

Technology assessed: TO1- Conventional tillage with sowing by tractor operated multi crop seed cum fertilizer drill, TO2- Sowing by tractor drawn zero till drill

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of pods/plant	No. of seeds per pod	Test wt. (100 grain wt.)						
Farmer's practice	07	16	5	-	12	3.6	13700	18000	4300	1.31
TO1	07	19	6	-	3	4.4	14270	22000	7730	1.54
TO2	07	22	7	-	5	3.9	11313	19500	8187	1.72

Technology option	Field capacity (ha/h)	Labour requirement (Man-days/ha)	Cost of operation (Rs/ha)	Labour reduction (%)	Cost reduction (%)
Farmer's practice	0.2	3.33	5750		
TO1	0.4	1.94	6320	41.7	-9.91
TO2	0.35	0.95	3363	71.4	41.5

Results: TO1 fetches more yield of 4.4 q/ha but BC ratio and net return is highest in TO2 i.e. in case of zero tillage methods of sowing.

### OFT-5

1.	Title of On farm Trial	Assessment of manual transplanter for drudgery reduction of farm women
2.	Problem diagnosed	Heavy pain in Waist due to bending posture while transplanting manually
3.	Details of technologies selected for assessment/refinement(Mention either Assessed or Refined)	TO-1: Transplanting of rice seedling by two row rice transplanter TO-2: Transplanting of rice seedling by three row rice transplanter
4.	Source of Technology	OUAT
5.	Production system and thematic area	Paddy, Drudgery reduction
6.	Performance of the Technology with performance indicators	Capacity (m <sup>2</sup> /hr) ,Pulse rate (beats/min), Energy expenditure (Kj/min)
7.	Final recommendation for micro level situation	Transplanting of rice seedling by three row rice transplanter
8.	Constraints identified and feedback for research	There is a need of change in design of three row transplanter for proper transplanting.
9.	Process of farmers participation and their reaction	Farm women appreciated the transplanter for its performance.

*Thematic area: Drudgery reduction*

Problem definition: Heavy pain in Waist due to bending posture while transplanting manually

Technology assessed: TO-1: Transplanting of rice seedling by two row rice transplanter, TO-2: Transplanting of rice seedling by three row rice transplanter

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
TO1	07	Heart rate(beats/min)-121 Est. Energy Expenditure kj/min-7.42	Output (m <sup>2</sup> /hr)-85							
TO2	07	Heart rate(beats/min)-125 Est. Energy Expenditure kj/min-6.56	Output (m <sup>2</sup> /hr)-102							

Results: Heart rate( TO1-121, TO2-125), Energy Expenditure( kj/min)(TO1-7.42, TO2-6.56)

### OFT-6

1.	Title of On farm Trial	Assessment of Storage technique for storage of green gram
2.	Problem diagnosed	Heavy wastage of green gram by pulse beetle during storage period.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	TO-1 Sun drying of seed to maintain moisture level up to 8-10 % + Mixing of dried neem leaf @ 5 gm and 5 ml mustard oil / kg of pulses TO-2 Sun drying of seed to maintain moisture level up to 8-10 % + Mixing of dried neem kernel powder @ 5 gm and 5 ml mustard oil / kg of pulses
4.	Source of Technology	IIPR, Kanpur
5.	Production system and thematic area	Green gram, IPM
6.	Performance of the Technology with performance indicators	% of infestation, storing period (days)
7.	Final recommendation for micro level situation	TO-2 Sun drying of seed to maintain moisture level up to 8-10 % + Mixing of dried neem kernel powder @ 5 gm and 5 ml mustard oil / kg of pulses
8.	Constraints identified and feedback for research	Continued and result awaited
9.	Process of farmers participation and their reaction	

*Thematic area:* Integrated Pest Management

*Problem definition:* Heavy wastage of green gram by pulse beetle during storage period.

*Technology assessed:* TO-1 Sun drying of seed to maintain moisture level up to 8-10 % + Mixing of dried neem leaf @ 5 gm and 5 ml mustard oil / kg of pulses,



TO-2 Sun drying of seed to maintain moisture level up to 8-10 % + Mixing of dried neem kernel powder @ 5 gm and 5 ml mustard oil / kg of pulses

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
TO-1	7	Storing period (days) (%), Seed infestation(%)	Result awaited							
TO-2	7	Storing period (days), Seed infestation(%)	Result awaited							

Results: Continuing

### 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	

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 <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O					

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:





KVK MAYURBHANJ-1,ODISHA

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

\*\* BCR= GROSS RETURN/GROSS COST

Other enterprises

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Button mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermicompost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total																

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

\*\* BCR= GROSS RETURN/GROSS COST

Women empowerment

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







## Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
-	-	-

## Extension and Training activities under FLD

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

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

**A. Technical Parameters:**

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1.	Groundnut	TMV-32	10.9	16.01	37.2	91	Varietal change ICGV 91114 (DEVI), Line sowing by seed cum fertilizer drill, recommended dose of fertilizer, seed treatment, Use of micronutrient and neem oil	42	30	17.4	14.3	16.0	47.1	31.87	56
2.	Green gram	Local Kala Jhain Muga	*1.5	3.15	3.35	5.8	<ul style="list-style-type: none"> <li>• Variety, IPM 2-14</li> <li>• Seed treatment</li> <li>• Line sowing</li> <li>• Post emergence weedicide</li> <li>• INM,IPM,ST BFR</li> </ul>	125	50	4.6	1.1	*2.9	44.4	41.8	24.1
3.	Groundnut	K-6					Harvesting is going on								

*N.B:* Crop damaged due to the unforeseen rain fall of 170.2 mm in April, 2018 as against 52.5 mm of normal rainfall during April and 47.74 mm up to 11.0.05.2018 as against 101.2 mm of normal rainfall during May



**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.	ICGV 91114 (DEVI) Line sowing by seed cum fertilizer drill, recommended dose of fertilizer, seed treatment, Use of micronutrient and neem oil	26,883	40,320	13,437	1.5	27,742	51,212	23,470	1.85
2.	IPM 2-14 Line sowing by seed cum fertilizer drill, Post emergence weedicide, recommended dose of fertilizer, seed treatment, Use of micronutrient and need based PP measures	7,400	9,000	1,600	1.22	11,500	17,400	5,900	1.51

**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/household)
1.	Groundnut ICGV 91114 (DEVI)	48160	778	30	15000	450	Asset development	02
2.	Green gram (IPM 2-14)	14500	Nil	NA	NA	NA	NA	02

**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.	Varietal change ICGV 91114 (DEVI)	Yes	1	50%	No	Yes	NA
	Seed treatment with Carbendazim + Mancozeb @ 3 gm/kg of seed	Yes	6	60%	No	Yes	NA
	Line sowing by seed cum fertilizer drill	Yes	3	30%	No	Yes	NA
	Spot drench with Carbendazim + Mancozeb at 0.5 g/lit	Yes	5	50%	No	Yes	NA
	Use of micronutrient	Yes	4	20%	No	Yes	NA
	Soil test based fertilizer recommendation (20:40:40)	Yes	2	25%	No	Yes	NA
2.	Varietal change, IPM 2-14	Yes	1	60%	No	Yes	NA

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
	Seed treatment with Carbendazim + Mancozeb @ 3 gm/kg of seed	Yes	9	60 %	No	Yes	NA
	Line sowing by seed cum fertilizer drill	Yes	3	30 %	No	Yes	NA
	Application of post emergence weedicides Imazethapyr (weedicide) 10% SL	Yes	5	20 %	No	Yes	NA
	Application of Imidacloprid 17.8% SL	Yes	7	30 %	No	Yes	NA
	Application of Thiamethoxam 25% WG	Yes	6	30 %	No	Yes	NA
	Application of Triazophos 35% + Deltamethrin 1% EC	Yes	8	30 %	No	Yes	NA
	Use of micronutrient	Yes	4	20 %	No	Yes	NA
	Soil test based fertilizer recommendation (20:40:40)	Yes	2	25 %	No	Yes	NA

### E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
<ul style="list-style-type: none"> <li>High-yielding</li> <li>Matures in 90-95 days in the kharif (rainy season)</li> <li>Tolerant of mid-season and end-of-season drought</li> <li>Average shelling turnover 75%</li> <li>Oil content 48%, protein content 27%</li> <li>Better digestibility and palatability of haulms</li> </ul>	Good yield comparison to local variety	Yield enhancement due to technology – 47%	Satisfied with the variety due to higher yield
<ul style="list-style-type: none"> <li>High-yielding</li> <li>MYMV and leaf crinkle resistant</li> <li>Large seed</li> <li>Suitable for summer</li> <li>Matures in 62-70 days</li> <li>Tolerant of mid-season and end-of-season drought</li> </ul>	Good yield comparison to local variety	Yield enhancement due to technology – 93%	Satisfied with the variety due to higher yield

### F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1.	Training	Bahubandh, Block- Udala, Dt. 14.09.2017 Ghusuria, Block- Badasahi, Dt. 13.10.2017	50
	Field day	Kandana, Block- Moroda, Dt. 25.10.2017	50
2.	Training	Kanchhinda, Block- Bangiriposi, Dt. 24.01.2018 Sindurgaura, Block- Shamakhunta, Dt. 25.01.2018 Rangamatia, Block- Shamakhunta, Dt. 12.02.2018	75
	Field day	Rangamatia, Block- Shamakhunta, Dt. 16.03.2018 Khadiasole, Block- Suliapada, Dt. 31.03.2018	100

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



Sowing of green gram



Line sowing of green gram by seed cum fertilizer drill



Line sowing of green gram in germination stage



Field visit of Dr. V. Singh, Director, Directorate of Rice development, Patna



Damage of crop due to prolonged rain



Farmer trying to drain excess water from field

**H. Farmers' training photographs**



Training on bullock drawn seed cum fertilizer drill for line sowing

Training on bullock drawn seed cum fertilizer drill for line sowing

Training on green gram cultivation

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



Field visit during field day

Field day

Field visit during field day

**J. Details of budget utilization**

Crop (provide crop wise information )	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
	i) Critical input	255100	186323	
	ii) TA/DA/POL etc. for monitoring		32700	
	iii) Extension Activities (Field day)		4500	
	iv) Publication of literature		10000	
	<b>Total</b>	<b>255100</b>	<b>233523</b>	<b>21577</b>

**K. List of Farmer under FLD (Crop wise)****a. Crop1-Groundnut (Kharif-2017)**

Name of farmer	Father 'sname	Villag e	Bloc k	Mobil e No.	Emai	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/N o)	Reco mmen dation s based on soil test value	Brief tech nolo gy inter venti on	Variet y	Seed quan tity used (q)	Demo. Yield (q/ha)			Yiel d of local chec k q/ha	% inc rea se
						Latitu de	Long itude						H	L	A		
Rajendra Senapati	Khira	Bahubandh	Udala	7504 9248 71		21°34' 48.7 6"N	86°3' 2'1.2 2"E	Y	20:7 0:70	Varietal change	Groundnut , DEVI	1.2	1 6 9	1 3 9	1 5 4	10. 2	51 .0
Jayanti Senapati	Jaladhara	Bahubandh	Udala	7751 8002 01		21°34' 48.3 8"N	86°3' 2'1.6 7"E	Y	20:7 0:70	Varietal change	Groundnut , DEVI	1.2	1 7 2	1 5 1	1 6 1	10. 6	51 .9
Champa Tudu	Bagal	Bahubandh	Udala	9938 5643 14		21°34' 48.0 1"N	86°3' 2'2.2 7"E	Y	20:7 0:70	Varietal change	Groundnut , DEVI	1.2	1 7 8	1 3 6	1 5 7	11. 2	40 .2
Madhusudan Dalei	Basudev	Bahubandh	Udala	9853 7152 62		21°34' 47.6 4"N	86°3' 2'2.7 7"E	Y	20:7 0:70	Varietal change	Groundnut , DEVI	1.2	1 8 4	1 6 4	1 7 4	10. 4	67 .3
Chakradhara Biswal	Narendra	Bahubandh	Udala	9514 1605 13		21°34' 47.4 3"N	86°3' 2'3.4 5"E	Y	20:7 0:70	Varietal change	Groundnut , DEVI	0.6	1 6 8	1 4 4	1 5 6	10. 5	48 .6
Bharti Biswal	Chakradhara	Bahubandh	Udala	8457 0791 32		21°34' 47.1 6"N	86°3' 2'3.1 7"E	Y	20:7 0:70	Varietal change	Groundnut , DEVI	1.2	1 7 1	1 5 3	1 6 2	11. 2	44 .6
Pradeep Ku. Behera	Netrananda	Bahubandh	Udala	8892 6196 23		21°34' 47.3 5"N	86°3' 2'2.6 9"E	Y	20:7 0:70	Varietal change	Groundnut , DEVI	1.2	1 6 9	1 5 9	1 6 4	11. 4	43 .9
Sabita Behera	Pradeep Ku.	Bahubandh	Udala	9658 5318 40		21°34' 47.6 6"N	86°3' 2'1.8 "E	Y	20:7 0:70	Varietal change	Groundnut , DEVI	0.6	1 6 8	1 1 8	1 4 3	12. 2	17 .2
Nilakantha Senapati	Khira	Bahubandh	Udala	8908 7303 05		21°34' 47.5 "N	86°3' 2'0.7 3"E	Y	20:7 0:70	Varietal cha	Groundnut ,	1.2	1 7 .	1 1 .	1 4 .	9.6	52 .1

ati									nge	DEVI		6	6	6			
Nitya nanda Behera	Ratha	Bahu bandh	Udala	7749 9239 15		21°34 '46.5 9"N	86°3 2'0.8 5" E	Y	20:7 0:70	Var ietal cha nge	Grou ndnut , DEVI	1.2	1 7 2	1 6 2	1 6 7	10. 2	63 .7
Sangeeta Behera	Achyutana nda	Bahu bandh	Udala	7684 0353 19		21°34 '49.2 8"N	86°3 2'1.1 9" E	Y	20:7 0:70	Var ietal cha nge	Grou ndnut , DEVI	1.2	1 7 5	1 6 1	1 6 8	9.4	78 .7
Bibek ananda Behera	Laxmidhara	Bahu bandh	Udala	9437 4436 08		21°34 '49.4 5"N	86°3 2'2.1 3" E	Y	20:7 0:70	Var ietal cha nge	Grou ndnut , DEVI	1.2	1 8 4	1 6 2	1 7 2	9.6	79 .2
Laxmi dhara Behera	Bholanath	Bahu bandh	Udala	7504 1446 98		21°34 '49.1 "N	86°3 2'3.0 1" E	Y	20:7 0:70	Var ietal cha nge	Grou ndnut , DEVI	0.6	1 7 2	1 3 8	1 5 5	10. 2	52 .0
Ipsita Behera	Achuta	Bahu bandh	Udala	7873 7331 07		21°34 '48.5 7"N	86°3 2'3.8 " E	Y	20:7 0:70	Var ietal cha nge	Grou ndnut , DEVI	1.2	1 7 8	1 5 4	1 6 6	10. 3	61 .2
Boroda prasan na Das	Laxminarayan	Kandana	Moroda	7894 9103 86		21°55 '24.3 5"N	86°5 7'29. 93" E	Y	20:5 0:50	Var ietal cha nge	Grou ndnut , DEVI	1.2	1 8 7	1 7 7	1 8 2	10. 4	75 .0
Himansu Sekhar Das	Laxminarayan	Kandana	Moroda	9556 5113 13		21°55 '25.1 88"N	86°5 7'25. 614" E	Y	20:5 0:50	Var ietal cha nge	Grou ndnut , DEVI	0.6	1 7 3	1 5 3	1 6 3	9.5	71 .6
Minaketan Das	Rabinarayan	Kandana	Moroda	9938 1125 44		21°55 '24.4 56"N	86°5 7'24. 894" E	Y	20:5 0:50	Var ietal cha nge	Grou ndnut , DEVI	1.2	1 7 5	1 5 9	1 6 7	9.7	72 .2
Harinarayan Das	Kasinth	Kandana	Moroda	8018 8026 10		21°55 '23.6 64"N	86°5 7'25. 422" E	Y	20:5 0:50	Var ietal cha nge	Grou ndnut , DEVI	1.2	1 6 7	1 3 7	1 5 2	10. 1	50 .5
Mahe ndranath Si	Lalmohan	Kandana	Moroda	9938 3545 84		21°55 '22.7 52"N	86°5 7'24. 222" E	Y	20:5 0:50	Var ietal cha nge	Grou ndnut , DEVI	1.2	1 7 2	1 6 2	1 6 7	9.5	75 .8
Gopal Ch. Deo	Hadi bandhu	Kandana	Moroda	7064 8051 83		21°55 '23.1 78"N	86°5 7'23. 004" E	Y	20:5 0:50	Var ietal cha nge	Grou ndnut , DEVI	1.2	1 8 2	1 7 2	1 7 7	10. 7	65 .4
Dusmanta Pandit	Surendra	Kandana	Moroda	9668 8388 51		21°55 '21.6 48"N	86°5 7'23. 928" E	Y	20:5 0:50	Var ietal cha nge	Grou ndnut , DEVI	1.2	1 6 7	1 5 7	1 6 2	11. 1	45 .9
Manogobinda Pandit	Surendra	Kandana	Moroda	9437 3645 95		21°55 '20.7 96"N	86°5 7'24. 81" E	Y	20:5 0:50	Var ietal cha nge	Grou ndnut , DEVI	0.6	1 7 2	1 2 2	1 4 6	10. 5	39 .0
Kaliharandhal	Swarupa	Kandana	Moroda	8895 7841 24		21°55 '19.9 5"N	86°5 7'24. 702" E	Y	20:5 0:50	Var ietal cha nge	Grou ndnut , DEVI	1.2	1 7 8	1 5 8	1 5 8	10. 2	64 .7
Bhaskar	Chan	Kandana	Moroda	9160		21°55	86°5	Y	20:5	Var	Grou	0.6	1	1	1	8.7	90

ar Si	dramohan	ana	roda	644730		17.748"N	72.58"E		0:50	ietal change	ndnut, DEVI		8.1	5.1	6.6		.8
Biranchi Raj	Dulha	Kandana	Moroda	7894177411		21°55'18.69"N	86°57'26.76"E	Y	20:50:50	Varietal change	Groundnut, DEVI	0.6	1.75	1.41	1.58	9.4	68.1
Ajay Patra	Kailash	Kandana	Moroda	7978755095		21°55'20.592"N	86°57'27.894"E	Y	20:50:50	Varietal change	Groundnut, DEVI	1.2	1.76	1.24	1.8	9.9	49.5
Surendra Dhal	Rama Chandra	Kandana	Moroda	7750992723		21°55'22.53"N	86°57'27.066"E	Y	20:50:50	Varietal change	Groundnut, DEVI	1.2	1.83	1.59	1.71	11.5	48.7
Subasini Patra	Baikuntha	Kandana	Moroda	8249889434		21°55'23.106"N	86°57'28.896"E	Y	20:50:50	Varietal change	Groundnut, DEVI	0.6	1.75	1.56	1.63	11.2	45.5
Naren Marandi	Samrai	Kandana	Moroda	7873595961		21°55'23.874"N	86°57'29.153"E	Y	20:50:50	Varietal change	Groundnut, DEVI	1.2	1.72	1.46	1.59	9.8	62.2
Jaganath Singh	Budhram	Ghusuria	Badasahi	-		21°45'50.142"N	86°46'58.914"E	Y	20:40:40	Varietal change	Groundnut, DEVI	1.2	1.74	1.47	1.5	11.1	41.4
Rabin Singh	Budhu	Ghusuria	Badasahi	-		21°45'51.354"N	86°46'59.148"E	Y	20:40:40	Varietal change	Groundnut, DEVI	1.2	1.72	1.69	1.9	11.4	21.9
Rajendra Singh	Kanhai	Ghusuria	Badasahi	-		21°45'53.364"N	86°46'57.63"E	Y	20:40:40	Varietal change	Groundnut, DEVI	0.6	1.78	1.56	1.4	13.6	20.6
Baikuntha Singh	Sadasi	Ghusuria	Badasahi	-		21°45'52.404"N	86°46'57.174"E	Y	20:40:40	Varietal change	Groundnut, DEVI	1.2	1.76	1.87	1.7	12.5	33.6
Banamali Singh	Kanka	Ghusuria	Badasahi	-		21°45'50.1"N	86°46'56.886"E	Y	20:40:40	Varietal change	Groundnut, DEVI	1.2	1.97	1.78	1.5	11.9	32.8
Sadasi Singh	Saiba	Ghusuria	Badasahi	-		21°45'49.068"N	86°46'56.754"E	Y	20:40:40	Varietal change	Groundnut, DEVI	1.2	1.75	1.92	1.6	10.8	50.0
Lanja Singh	Mangal	Ghusuria	Badasahi	-		21°45'49.644"N	86°46'58.434"E	Y	20:40:40	Varietal change	Groundnut, DEVI	1.2	1.75	1.97	1.6	9.4	77.7
Subansi Singh	Sayam	Ghusuria	Badasahi	-		21°45'49.38"N	86°46'57.594"E	Y	20:40:40	Varietal change	Groundnut, DEVI	1.2	1.81	1.74	1.4	10.8	51.9
Shyamsundar Singh	Gora	Ghusuria	Badasahi	-		21°45'48.888"N	86°46'56.838"E	Y	20:40:40	Varietal change	Groundnut, DEVI	1.2	1.73	1.54	1.4	9.6	50.0
Krushna Ch.	Lachman	Ghusuria	Badasahi	-		21°45'47.6	86°46'56.	Y	20:40:40	Varietal	Groundnut	1.2	1.77	1.56	1.6	11.7	41.9

Singh			hi			7"N	568"E			change	, DEVI		.5	.7	.6		
Umakanta barik	Barju	Ghusuria	Badasahi	-		21°45'47.6" N	86°46'56.508" E	Y	20:40:40	Varietal change	Groundnut, DEVI	1.2	173	141	157	12.8	22.7
Basanta Barik	Harihara	Ghusuria	Badasahi	9861381685		21°45'52.6" N	86°46'59.076" E	Y	20:40:40	Varietal change	Groundnut, DEVI	1.2	165	121	143	9.8	45.9
Debadatta Mohapatra	Subash Ch.	Ghusuria	Badasahi	9861573532		21°45'45.3" N	86°47'2.0" E	Y	20:40:40	Varietal change	Groundnut, DEVI	1.2	171	139	155	12.8	21.1

**b. Crop2- Green gram (Summer-2017-18)**

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 (q)	Demo. Yield (q/ha)			Yield of local check q/ha	% increase	
						Latitude	Longitude						H	L	A			
Baluk eswar Singh	Jogendra	Rangamati	Shamkhunta	9776217933		21°55'52.08" N	86°38'28.58" E	Y	20:40:20	Seed treatment, Line sowing, Post emergence weedicide, INM, IPM, STBFR	Green gram, IPM 2-14	0.08	0	0	0	0	0	
Saibani Singh	Sama	Rangamati	Shamkhunta			21°55'51.29" N	86°38'24.97" E						0.08	0	0	0	0	0
Triban Singh	Jena	Rangamati	Shamkhunta			21°55'51.95" N	86°38'26.18" E						0.08	0	0	0	0	0
Budhram Singh	Chada	Rangamati	Shamkhunta			21°55'51.98" N	86°38'28.55" E						0.08	0	0	0	0	0
Shyam sundar Singh	Daitari	Rangamati	Shamkhunta	9437620650		21°55'56.01" N	86°38'25.02" E						0.08	0	0	0	0	0
Baluk eswar Singh	Padmalochan	Rangamati	Shamkhunta			21°55'54.30" N	86°38'24.39" E						0.08	0	0	0	0	0
Rahidas Singh	Jitubhan	Rangamati	Shamkhunta			21°55'55.95" N	86°38'25.12" E						0.08	0	0	0	0	0
Padmalochan Singh	Gajendranath	Rangamati	Shamkhunta			21°55'53.07" N	86°38'28.67" E						0.08	0	0	0	0	0
Gajendranath Singh	Rahidas	Rangamati	Shamkhunta	9439867793		21°55'56.05" N	86°38'24.92" E						0.08	0	0	0	0	0
Subasini Singh	Shyam sundar	Rangamati	Shamkhunta			21°55'52.74" N	86°38'22.69" E						0.08	0	0	0	0	0



			a			N	E										
Bhakt a Singh	Dubu	Rang amati a	Sha mak hunt a			21°5 5'51 .07" N	86°3 8'29 .10" E					0.08	0	0	0	0	0
Vima Singh	Dubu	Rang amati a	Sha mak hunt a			21°5 5'48 .97" N	86°3 8'29 .04" E					0.08	0	0	0	0	0
Bhala Singh	Dubu	Rang amati a	Sha mak hunt a			21°5 5'48 .58" N	86°3 8'28 .20" E					0.08	0	0	0	0	0
Kandr a Singh	Bhima	Rang amati a	Sha mak hunt a			21°5 5'47 .99" N	86°3 8'28 .07" E					0.08	0	0	0	0	0
Maga Bindh ani	Budhu	Rang amati a	Sha mak hunt a	9777 8842 31		21°5 5'48 .59" N	86°3 8'27 .62" E					0.08	0	0	0	0	0
Shukn u Bindh ani	Maga	Rang amati a	Sha mak hunt a			21°5 5'50 .00" N	86°3 8'26 .88" E					0.08	0	0	0	0	0
Sumit a Bindh ani	Ruhya	Rang amati a	Sha mak hunt a			21°5 5'53 .23" N	86°3 8'24 .39" E					0.08	0	0	0	0	0
Samba ri Singh		Rang amati a	Sha mak hunt a			21°5 5'49 .11" N	86°3 8'27 .16" E					0.08	0	0	0	0	0
Mali Bindh ani	Dhum a	Rang amati a	Sha mak hunt a			21°5 5'49 .79" N	86°3 8'25 .97" E					0.08	0	0	0	0	0
Dukha n Singh	Suna	Rang amati a	Sha mak hunt a			21°5 5'51 .12" N	86°3 8'25 .66" E					0.08	0	0	0	0	0
Parbat i Singh	Sibana th	Rang amati a	Sha mak hunt a			21°5 5'50 .55" N	86°3 8'25 .79" E					0.08	0	0	0	0	0
Soman ath Singh	Budhu ram	Rang amati a	Sha mak hunt a			21°5 5'50 .26" N	86°3 8'24 .98" E					0.08	0	0	0	0	0
Krush na Chand ra Singh	Gola	Rang amati a	Sha mak hunt a			21°5 5'51 .26" N	86°3 8'24 .04" E					0.08	0	0	0	0	0
Gura Barik	Bhima	Rang amati a	Sha mak hunt a			21°5 5'51 .86" N	86°3 8'24 .32" E					0.08	0	0	0	0	0
Ram Prasad Singh	Golak anath	Rang amati a	Sha mak hunt a	9668 7426 10		21°5 5'51 .64" N	86°3 8'23 .96" E					0.08	0	0	0	0	0
Prasan ta Ku. Giri		Kanc hhind a	Ban giri posi	8280 1935 93		22° 5' 20.9 0"N	86° 27' 7.56' E					0.08	3. 7	1 .5	3. 4	1.5	1 2 6. 7
Deben		Kanc	Ban	8658		22°	86°					0.08	3.	1	3.	1.5	1



Kaneh i Mahak ud		Kanc hhind a	Ban giri posi			22° 5' 18.7 4"N	86° 27' 6.08' 'E					0.08	3. 7	1 .5	1. 9	1.5	2 6. 7
Bharat Mahak ud		Kanc hhind a	Ban giri posi			22° 5' 19.6 0"N	86° 27' 6.76' 'E					0.08	3. 7	1 .5	2. 2	1.5	4 6. 7
Maya Soren		Kanc hhind a	Ban giri posi			22° 5' 19.9 6"N	86° 27' 7.02' 'E					0.08	3. 7	1 .5	2. 5	1.5	6 6. 7
Chand ra mohan Soren		Kanc hhind a	Ban giri posi			22° 5' 20.0 7"N	86° 27' 8.71' 'E					0.08	3. 7	1 .5	1. 8	1.5	2 0. 0
Basud ev Tudu		Kanc hhind a	Ban giri posi			22° 5' 20.7 9"N	86° 27' 8.13' 'E					0.08	3. 7	1 .5	3. 3	1.5	1 2 0. 0
Bishik esan Giri		Kanc hhind a	Ban giri posi			22° 5' 21.9 8"N	86° 27' 11.9 5"E					0.08	3. 7	1 .5	2. 8	1.5	8 6. 7
Pratap Mahak ud		Kanc hhind a	Ban giri posi			22° 5' 21.6 2"N	86° 27' 9.54' 'E					0.08	3. 7	1 .5	3. 5	1.5	1 3 3. 3
Khage swar Moha nta		Ratha sole	Kuli ana	9777 0949 83		22°5 '12. 24" N	86°4 5'34 .01" E					0.08	4. 2	1 .9	3. 3	1.5	1 2 0. 0
Minati Moha nta		Ratha sole	Kuli ana	9078 8104 28		22°5 '11. 72" N	86°4 5'35 .99" E					0.08	4. 2	1 .9	2. 8	1.5	8 6. 7
Subas Ch. Moha nta		Ratha sole	Kuli ana	9668 0041 68		22°5 '11. 58" N	86°4 5'33 .70" E					0.08	4. 2	1 .9	3. 7	1.5	1 4 6. 7
Tulasi Moha nta		Ratha sole	Kuli ana	9583 2527 95		22°5 '10. 13" N	86°4 5'34 .12" E					0.08	4. 2	1 .9	3. 8	1.5	1 5 3. 3
Naren dra Moha nta		Ratha sole	Kuli ana	9583 5921 25		22°5 '11. 94" N	86°4 5'33 .80" E					0.08	4. 2	1 .9	4. 1	1.5	1 7 3. 3
Ganes war Moha nta		Ratha sole	Kuli ana	9178 5910 20		22°5 '2.1 1"N	86°4 5'37 .40" E					0.08	4. 2	1 .9	3. 3	1.5	1 2 0. 0
Chhut u Moha nta		Ratha sole	Kuli ana	9556 9479 32		22°5 '12. 12" N	86°4 5'36 .87" E					0.08	4. 2	1 .9	3. 6	1.5	1 4 0. 0
Laxmi priya Moha nta		Ratha sole	Kuli ana	8280 3254 25		22°5 '11. 18" N	86°4 5'34 .41" E					0.08	4. 2	1 .9	2. 5	1.5	6 6. 7
Gajen dranat h Moha nta		Ratha sole	Kuli ana	9437 4565 01		22°5 '11. 70" N	86°4 5'35 .28" E					0.08	4. 2	1 .9	2. 9	1.5	9 3. 3
Biswa ranaja n		Ratha sole	Kuli ana	9437 4137 63		22°5 '11. 97" N	86°4 5'33 .82" E					0.08	4. 2	1 .9	2. 5	1.5	6 6. 7

Moha nta					N	E											
Urmil a Moha nta		Ratha sole	Kuli ana		22°5'10.81"N	86°4'5'35.63"E						0.08	4.2	1.9	3.1	1.5	106.7
Bana mali Moha nta		Ratha sole	Kuli ana		22°5'10.51"N	86°4'5'33.62"E						0.08	4.2	1.9	3.5	1.5	133.3
Dillip Moha nta		Ratha sole	Kuli ana		22°5'11.24"N	86°4'5'35.01"E						0.08	4.2	1.9	3.7	1.5	146.7
Sarath i Moha nta		Ratha sole	Kuli ana		22°5'12.73"N	86°4'5'35.27"E						0.08	4.2	1.9	2.6	1.5	173.3
Urmil a Moha nta		Ratha sole	Kuli ana		22°5'11.72"N	86°4'5'34.53"E						0.08	4.2	1.9	3.4	1.5	126.7
Swen Marnd i		Bhali atilo	Kuli ana		22°4'55.08"N	86°4'4'.29"E						0.08	4.2	1.9	2.8	1.5	86.7
Mahes war Moha nta		Bhali atilo	Kuli ana		22°5'59.68"N	86°4'5'.69"E						0.08	4.2	1.9	1.9	1.5	26.7
Salaha y Murmu	Baset	Bhali atilo	Kuli ana	9583 9272 16	22°4'59.62"N	86°4'5'.71"E						0.08	4.2	1.9	3.6	1.5	140.0
Anil Ku. Murmu	Baila	Bhali atilo	Kuli ana		22°5'1.08"N	86°4'4'59.80"E						0.08	4.2	1.9	3.3	1.5	120.0
Masan g Murmu	Sumai	Bhali atilo	Kuli ana		22°4'59.92"N	86°4'5'.30"E						0.08	4.2	1.9	4.2	1.5	180.0
Baila murmur	Supai	Bhali atilo	Kuli ana	7749 0162 68	22°5'0.93"N	86°4'4'59.28"E						0.08	4.2	1.9	3.7	1.5	146.7
Lal Murmu	Sida	Bhali atilo	Kuli ana		22°5'0.36"N	86°4'4'58.86"E						0.08	4.2	1.9	2.4	1.5	60.0
Parav Murmu	Makra	Bhali atilo	Kuli ana		22°5'0.13"N	86°4'5'.088"E						0.08	4.2	1.9	3.3	1.5	120.0
Indraji t Murmu	Chara n	Bhali atilo	Kuli ana		22°4'58.07"N	86°4'4'58.86"E						0.08	4.2	1.9	3.1	1.5	106.7
Sida Murmu	Lal	Bhali atilo	Kuli ana	8018 4715 49	22°4'58.83"N	86°4'5'.292"E						0.08	4.2	1.9	2.6	1.5	173.3
Upend ranath Dhal	Panch anan	Khadi asole	Suli apa da		22°1'50.69"N	86°4'9'42.28"E						0.08	4.6	2.4	4.2	1.5	180.0
Achyu tanand	Rasa nanda	Khadi asole	Suli apa		22°1'51.00"N	86°4'9'41.00"E						0.08	4.6	2.5	4.5	1.5	200.0

a Dhal			da			48'' N	.85'' E						4			0. 0		
Anirudha Dhal	Hadibandhu	Khadiasole	Sulipada			22°1'53.17'' N	86°4'46.35'' E						0.08	4.6	2.4	4.1	1.5	173.3
Sujit Dhal	Ratikanta	Khadiasole	Sulipada			22°1'52.33'' N	86°4'52.62'' E						0.08	4.6	2.4	3.9	1.5	160.0
Jadumani Dhal	Dibyakanta	Khadiasole	Sulipada			22°1'48.72'' N	86°4'52.57'' E						0.08	4.6	2.4	4.6	1.5	206.7
Antayami SI	Surnedra	Khadiasole	Sulipada			22°1'52.70'' N	86°4'45.36'' E						0.08	4.6	2.4	3.5	1.5	133.3
Niranjan Dhal	Paramananda	Khadiasole	Sulipada			22°1'54.89'' N	86°4'48.53'' E						0.08	4.6	2.4	3.9	1.5	160.0
Santanu Dhal	Dibakara	Khadiasole	Sulipada			22°1'51.74'' N	86°4'53.37'' E						0.08	4.6	2.4	3.3	1.5	120.0
Tarakanta Dhal	Hadibandhu	Khadiasole	Sulipada			22°1'55.03'' N	86°4'46.36'' E						0.08	4.6	2.4	3.8	1.5	153.3
Manoranjan Dhal	Paramananda	Khadiasole	Sulipada	7684 0581 25		22°1'53.71'' N	86°4'45.02'' E						0.08	4.6	2.4	2.8	1.5	86.7
Dasarathi Dhungia	Jagamatha	Khadiasole	Sulipada			22°1'51.20'' N	86°4'42.44'' E						0.08	4.6	2.4	2.6	1.5	73.3
Ratnakara Dhal	Jagatanda	Khadiasole	Sulipada			22°1'51.89'' N	86°4'43.57'' E						0.08	4.6	2.4	2.4	1.5	60.0
Rabinadra Dhungia	Jagamatha	Khadiasole	Sulipada			22°1'51.60'' N	86°4'43.25'' E						0.08	4.6	2.4	2.8	1.5	86.7
Bibek Barik	Dibakara	Khadiasole	Sulipada	7735 3235 78		22°1'55.25'' N	86°4'48.88'' E						0.08	4.6	2.4	3.1	1.5	106.7
Prabhas Ch. Dhal	Baidhar	Khadiasole	Sulipada			22°1'53.22'' N	86°4'47.57'' E						0.08	4.6	2.4	3.8	1.5	153.3
Sumantha Deo	Hadibandhu	Khadiasole	Sulipada			22°1'52.54'' N	86°4'47.28'' E						0.08	4.6	2.4	4.2	1.5	180.0
Sahadev Naik	Bhairab	Khadiasole	Sulipada			22°1'56.13'' N	86°4'49.52'' E						0.08	4.6	2.4	3.5	1.5	133.3
Kanhu Ch. Si	Krupasindhu	Khadiasole	Sulipada			22°1'49.57'' N	86°4'50.11'' E						0.08	4.6	2.4	3.8	1.5	153.3
Nunu Ch. Si	Krupasindhu	Khadiasole	Sulipada			22°1'49.	86°4'50.						0.08	4.6	2.4	3.3	1.5	12

			da			16" N	.63" E							4			0. 0		
Anirudha Naik	Jadumani	Khadi asole	Sulipada			22°1'49.23" N	86°4'51.37" E							0.08	4.6	2.4	3.7	1.5	146.7
Dhananjay Si	Krupa sindhu	Khadi asole	Sulipada			22°1'50.33" N	86°4'51.59" E							0.08	4.6	2.4	2.9	1.5	93.3
Biswanath Dhungia	Rabin dra	Khadi asole	Sulipada			22°1'54.28" N	86°4'45.45" E							0.08	4.6	2.4	2.4	1.5	60.0
Pradeep Dhungia	Rabin dra	Khadi asole	Sulipada			22°1'54.64" N	86°4'45.59" E							0.08	4.6	2.4	2.5	1.5	66.7
Baneswar Dhungia	Adikanda	Khadi asole	Sulipada			22°1'51.12" N	86°4'43.35" E							0.08	4.6	2.4	3.6	1.5	140.0
Basudev Dhungia	Kanhe i	Khadi asole	Sulipada			22°1'51.27" N	86°4'43.67" E							0.08	4.6	2.4	3.8	1.5	153.3
Nandakishore Mohanta	Sudam Ch.	Dhan pur	Shamakhunta	9583 1907 59		21°5'23.59" N	86°4'45.99" E							0.08	3.5	1.1	2.2	1.5	46.7
Sabitri Mohanta	Dasharatha	Dhan pur	Shamakhunta	9776 0776 23		21°5'28.18" N	86°4'40.55" E							0.08	3.5	1.1	2.4	1.5	60.0
Saraswati Mohanta	Krutibasa	Dhan pur	Shamakhunta	9937 5435 31		21°5'29.73" N	86°4'41.36" E							0.08	3.5	1.1	3.3	1.5	120.0
Shakuntala Mohanta	Luta	Dhan pur	Shamakhunta	8342 0184 29		21°5'30.22" N	86°4'42.15" E							0.08	3.5	1.1	2.5	1.5	66.7
Samabari Singh	Kalachand	Dhan pur	Shamakhunta	9583 4541 38		21°5'27.41" N	86°4'48.83" E							0.08	3.5	1.1	2.3	1.5	53.3
Chaitanya Mohanta	Gurucharan	Dhan pur	Shamakhunta	7978 8945 60		21°5'27.78" N	86°4'40.39.98" E							0.08	3.5	1.1	2.7	1.5	80.0
Gobinda Mohanta	Durjan	Dhan pur	Shamakhunta	8342 8796 94		21°5'23.34" N	86°4'48.82" E							0.08	3.5	1.1	1.5	1.5	0.0
Padmabati Mohanta	Bhagaban	Dhan pur	Shamakhunta	9937 5707 57		21°5'26.03" N	86°4'38.43" E							0.08	3.5	1.1	1.1	1.5	-26.7
Saraswati Mohanta	Kanchu	Dhan pur	Shamakhunta	9438 2007 03		21°5'26.92" N	86°4'38.88" E							0.08	3.5	1.1	1.5	1.5	0.0
Mahendranath Mohanta	Sankar	Dhan pur	Shamakhunta	9937 5435 31		21°5'22.65" N	86°4'49.16" E							0.08	3.5	1.1	2.4	1.5	60.0

Bimala Mohanta	Banamali	Dhanpur	Shamakhunta	8339 8161 19		21°5 5'22 .15" N	86°4 0'44 .22" E					0.08	3. 5	1 .	2. 8	1.5	8 6. 7
Jitendra Mohanta	Paresh	Dhanpur	Shamakhunta	7873 9833 54		21°5 5'22 .15" N	86°4 0'45 .26" E					0.08	3. 5	1 .	3. 2	1.5	1 1 3. 3
Satyansayan Mohanta	Sarbeswar	SIndurgaur	Shamakhunta	9937 3499 34		21°5 5'51 .08" N	86°4 1'7. 40" E					0.08	3. 5	1 .	2. 7	1.5	8 0. 0
Manasranjan Mohanta	Kailash Ch.	SIndurgaur	Shamakhunta	9692 1889 58		21°5 5'52 .68" N	86°4 1'2. 48" E					0.08	3. 5	1 .	3. 5	1.5	1 3 3. 3
Khageswar Mohanta	Sitanath	SIndurgaur	Shamakhunta	9439 4497 61		21°5 5'51 .78" N	86°4 1'1. 28" E					0.08	3. 5	1 .	1. 7	1.5	1 3. 3
Ram Ch. Mohanta	Madhusudan	SIndurgaur	Shamakhunta	7751 0689 91		21°5 6'6. 94" N	86°4 1'30 .54" E					0.08	3. 5	1 .	1. 4	1.5	- 6. 7
Dharmendra Mohanta	Sitanath	SIndurgaur	Shamakhunta	9437 9676 33		21°5 6'10 .27" N	86°4 1'31 .76" E					0.08	3. 5	1 .	1. 3	1.5	- 1 3. 3
Managobinda Mohanta	Khird Ch.	SIndurgaur	Shamakhunta	8249 7215 01		21°5 6'9. 87" N	86°4 1'31 .95" E					0.08	3. 5	1 .	1. 8	1.5	2 0. 0
Sumana Mohanta	Manjet	SIndurgaur	Shamakhunta	9078 9489 06		21°5 6'11 .55" N	86°4 1'32 .22" E					0.08	3. 5	1 .	2. 4	1.5	6 0. 0
Kanaklata Mohanta	Pitambar	SIndurgaur	Shamakhunta	7328 0222 04		21°5 6'12 .04" N	86°4 1'32 .72" E					0.08	3. 5	1 .	2. 9	1.5	9 3. 3
Susanta Ku. Mohanta	Nares Ch.	SIndurgaur	Shamakhunta	7894 2945 47		21°5 6'4. 37" N	86°4 1'29 .44" E					0.08	3. 5	1 .	3. 4	1.5	1 2 6. 7
Kabita Mohanta		SIndurgaur	Shamakhunta			21°5 6'6. 09" N	86°4 1'30 .28" E					0.08	3. 5	1 .	2. 2	1.5	4 6. 7
Rajeshree Mohanta		SIndurgaur	Shamakhunta			21°5 6'5. 84" N	86°4 1'30 .11" E					0.08	3. 5	1 .	1. 7	1.5	1 3. 3
Annapurna Mohanta		SIndurgaur	Shamakhunta			21°5 6'5. 94" N	86°4 1'29 .19" E					0.08	3. 5	1 .	1. 8	1.5	2 0. 0
Rajani kanta Mohanta		SIndurgaur	Shamakhunta			21°5 6'7. 21" N	86°4 1'30 .79" E					0.08	3. 5	1 .	2. 5	1.5	6 6. 7

**c. Crop3- Groundnut (Summer-2017-18)- Harvesting in progress**

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendation based on soil test value	Brief technology intervention	Variety	Seed quantity used (q)	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		
Narasingha Ch. Mohanty	Kanhu Ch.	Kainsali	Badasahi	7077284634		21°55'44".65" N	86°38'24".7" E	Y	20:40:40	Seed treatment, Line sowing, Post emergence weedicide, INM, IPM, STBF R	Groundnut, K-6	0.08					
Lafura Singh	Dhanu	Kainsali	Badasahi			21°43'44".66" N	86°45'25".30" E					0.08					
Sitaram Singh	Chhatray	Kainsali	Badasahi	8895433275		21°43'46".10" N	86°45'25".72" E					0.08					
Janardan Singh	Padga	Kainsali	Badasahi	7381929058		21°43'46".82" N	86°45'26".03" E					0.08					
Akshay Ku. Singh	Sunaram	Kainsali	Badasahi			21°43'49".40" N	86°45'26".71" E					0.08					
Dasharatha Singh	Iswar Ch.	Kainsali	Badasahi	9437538069		21°43'51".13" N	86°45'26".66" E					0.08					
Basanti Singh	Nabakishore	Kainsali	Badasahi			21°43'52".56" N	86°45'25".71" E					0.08					
Panchami Singh	Madhusudan	Kainsali	Badasahi			21°43'50".93" N	86°45'25".64" E					0.08					
Bahadur Singh	Ramchandra	Kainsali	Badasahi			21°43'50".01" N	86°45'25".11" E					0.08					
Kanka Singh	Budhu	Kainsali	Badasahi			21°43'49".19" N	86°45'24".91" E					0.08					
Bishnu Singh	Balaram	Kainsali	Badasahi	8339986323		21°43'48".15" N	86°45'25".10" E					0.08					
Lalmohan Singh	Budhuram	Kainsali	Badasahi	8117077201		21°43'47".30" N	86°45'24".52" E					0.08					
Sunil Ku. Singh	Nabakishore	Kainsali	Badasahi	9556813575		21°43'46".07" N	86°45'24".10" E					0.08					



Kamalakanta Jena	Harimohan	Kainsali	Badasahi			21°43'45.65" N	86°45'23.58" E					0.08				
Bari Singh	Shyam	Kainsali	Badasahi			21°43'45.22" N	86°45'23.23" E					0.08				
Upendranath Dhal	Panchanan	Khadiasole	Sulipada			22°1'46.99" N	86°49'34.09" E					0.08				
Achyutananda Dhal	Rasanda	Khadiasole	Sulipada			22°1'45.07" N	86°49'35.53" E					0.08				
Anirudha Dhal	Hadibandhu	Khadiasole	Sulipada			22°1'44.17" N	86°49'39.35" E					0.08				
Sujit Dhal	Ratikanta	Khadiasole	Sulipada			22°1'44.72" N	86°49'44.96" E					0.08				
Jadumani Dhal	Dibyakanta	Khadiasole	Sulipada			22°1'44.43" N	86°49'35.35" E					0.08				
Antayami SI	Surnedra	Khadiasole	Sulipada			22°1'45.07" N	86°49'46.57" E					0.08				
Niranjan Dhal	Paramananda	Khadiasole	Sulipada			22°1'46.19" N	86°49'44.75" E					0.08				
Santanu Dhal	Dibakara	Khadiasole	Sulipada			22°1'44.34" N	86°49'35.34" E					0.08				
Tarakanta Dhal	Hadibandhu	Khadiasole	Sulipada			22°1'44.18" N	86°49'38.92" E					0.08				
Manoranjan Dhal	Paramananda	Khadiasole	Sulipada	7684058125		22°1'44.07" N	86°49'40.81" E					0.08				
Dasarathi Dhungia	Jagannatha	Khadiasole	Sulipada			22°1'43.66" N	86°49'37.59" E					0.08				
Ratnakara Dhal	Jagatanda	Khadiasole	Sulipada			22°1'45.86" N	86°49'37.08" E					0.08				
Rabin Dra Dhungia	Jagannatha	Khadiasole	Sulipada			22°1'46.39" N	86°49'42.99" E					0.08				
Bibek Barik	Dibakara	Khadiasole	Sulipada	7735323578		22°1'42.25" N	86°49'40.81" E					0.08				





Nabin Murmu	Singray	Kalikasole	Kuliana	7894 6054 30		22°4 '32. 49" N	86°4 4'29 .73" E					0.08				
Narayan Chapeyar	Jagannath	Kalikasole	Kuliana	8117 0369 96		22°4 '33. 34" N	86°4 4'28 .53" E					0.08				
Arjun Hembram	Budhrai	Kalikasole	Kuliana	9556 1845 63		22°4 '32. 13" N	86°4 4'29 .40" E					0.08				
Sudam Marndi	Saiba	Domuhani	Ban giri posi			22° 3' 23.8 6"N	86° 23' 45.4 9"E					0.08				
Bhima Ch. Murmu	Shauna	Domuhani	Ban giri posi			22° 3' 23.5 0"N	86° 23' 44.8 8"E					0.08				
Hari Marandi	Ratan	Domuhani	Ban giri posi			22° 3' 22.8 6"N	86° 23' 44.4 4"E					0.08				
Kanhu Soren	Kisun	Domuhani	Ban giri posi			22° 3' 23.5 8"N	86° 23' 43.6 2"E					0.08				
Mangala Tudu	Kisun	Domuhani	Ban giri posi			22° 3' 23.8 3"N	86° 23' 42.1 0"E					0.08				
Lachhu Tudu	Kisun	Domuhani	Ban giri posi			22° 3' 24.6 2"N	86° 23' 42.9 3"E					0.08				
Balia Murmu	Utar	Domuhani	Ban giri posi			22° 3' 24.1 2"N	86° 23' 43.8 3"E					0.08				
Laxman Marndi	Baiju	Domuhani	Ban giri posi			22° 3' 24.4 4"N	86° 23' 43.6 5"E					0.08				
Lachhu Murmu	Laxman	Domuhani	Ban giri posi			22° 3' 25.4 1"N	86° 23' 42.5 7"E					0.08				
Barsa Murmu	Dhano	Domuhani	Ban giri posi			22° 3' 25.7 7"N	86° 23' 42.1 4"E					0.08				
Sakila Tudu	Shankha	Domuhani	Ban giri posi			22° 3' 25.3 4"N	86° 23' 41.7 8"E					0.08				
Baula Kisku	Raisen	Domuhani	Ban giri posi			22° 3' 26.2 8"N	86° 23' 42" E					0.08				
Duryadhan Tudu	Lachhu	Domuhani	Ban giri posi			22° 3' 26.5 3"N	86° 23' 43.4 0"E					0.08				
Piru Tudu	Shankha	Domuhani	Ban giri posi			22° 3' 27.2	86° 23' 42.9					0.08				































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				
management														
Carp fry and fingerling rearing														
Composite fish culture & fish disease	1	2	0	2	0	0	0	13	0	13	15	0	15	
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond	2	30	0	0	0	0	0	0	0	0	30	0	30	
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	1	15	0	0	0	0	0	0	0	0	15	0	15	
<b>TOTAL</b>														
<b>IX. Production of Inputs at site</b>														
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														
<b>TOTAL</b>														
<b>X. Capacity Building and Group Dynamics</b>														
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														
<b>TOTAL</b>														
<b>XI Agro-forestry</b>														
Production technologies														
Nursery management														
Integrated Farming Systems														
<b>TOTAL</b>														
<b>XII. Others (Pl. Specify)</b>														
<b>TOTAL</b>	<b>24</b>	<b>166</b>	<b>117</b>	<b>157</b>	<b>28</b>	<b>11</b>	<b>37</b>	<b>120</b>	<b>125</b>	<b>223</b>	<b>314</b>	<b>253</b>	<b>567</b>	



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				
agriculture)														
<b>TOTAL</b>	<b>8</b>	<b>24</b>	<b>14</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>47</b>	<b>3</b>	<b>47</b>	<b>67</b>	<b>21</b>	<b>88</b>	

### iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total			
		Other			SC			ST			M	F	T	
		M	F	T	M	F	T	M	F	T				
Productivity enhancement in field crops														
Integrated Pest Management														
Integrated Nutrient management	1	14	2	16	1	1	2	5	2	7	20	5	25	
Rejuvenation of old orchards														
Value addition	01	-	14	-	-	-	-	-	03	-	-	17	17	
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	3	30	4	34	3	2	5	8	2	10	41	8	49	
WTO and IPR issues														
Management in farm animals														
Livestock feed and fodder production														
Household food security														
Women and Child care														
Low cost and nutrient efficient diet designing														
Production and use of organic inputs														
Gender mainstreaming through SHGs														
Crop intensification														
Others if any														
<b>TOTAL</b>	<b>4</b>	<b>44</b>	<b>6</b>	<b>50</b>	<b>4</b>	<b>3</b>	<b>7</b>	<b>13</b>	<b>4</b>	<b>17</b>	<b>61</b>	<b>13</b>	<b>74</b>	

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
Horticulture	FW	Planting techniques of tissue cultured Banana	1	OFF	17	8	25	15	8	23
Horticulture	FW	Off season vegetable cultivation	1	OFF	20	5	25	10	3	13
Horticulture	IS	Selection of suitable varieties/hybrids, planting time and integrated nutrient management in vegetable crops	1	ON	20	5	25	6	3	9
Agril. Engg.	F/FW	Use and operation of tillage machineries	01	OFF	22	3	25	0	0	0
Agril. Engg.	RY	Use, operation and maintenance of rice transplanter	04	ON	11	0	11	9	0	9
Agril. Engg.	F?FW	Use and operation of sowing and planting machineries	01	OFF	25	0	25	21	0	21
Agril. Engg.	F/FW	Use and operation of intercultural implements	01	OFF	22	3	25	2	0	2
Agril. Engg.	F/FW	Use and operation of plant protection equipment	01	OFF	22	3	25	7	1	8
Agril. Engg.	F/FW	Use and operation of equipments for oilseeds	01	OFF	25	0	25	19	0	19
Agril. Engg.	F/FW	Use and operation of harvesting and threshing implements	01	OFF	25	0	25	11	0	11
Agril. Engg.	F/FW	Use and operation of post harvest equipment	01	OFF	25	0	25	6	0	6
Agril. Engg.	F/FW	Use, operation and maintenance of drip and sprinkler irrigation system	01	OFF	25	0	25	20	0	20
Agril. Engg.	F/FW	Use and operation of equipments for pulses	01	OFF	25	0	25	24	0	24
Agril. Engg.	IS	Use, operation and maintenance of farm machineries	02	ON	20	4	24	9	1	10
Agril. Engg.	RY	Use and operation of seed cum fertilizer drill	04	ON	10	0	10	7	0	7
Fishery Science	FW	Preparation of lost balanced feed using locally available ingredients.	1	OFF	15	0	0	0	0	15
Fishery Science	FW	Post stocking water quality management practices in fish farming	1	OFF	15	0	0	0	0	15
Fishery Science	FW	Use of Mahua oil cake as fish feed	1	OFF	15	0	0	0	0	15
Fishery Science	FW	Integrated disease management in fish farming	1	OFF	15	0	0	13	.0	13
Fishery Science	RY	Fry and fingerlings production in seasonal ponds	3	ON	0	0	0	10	0	10
Fishery Science	RY	Integrated fish farming	3	ON	10	0	0	0	0	10
Fishery Science	RY	Preparation of farm made fish feed	3	ON	10	0	10	9	0	9
Fishery Science	RY	Seed production through portable carp hatchery	3	ON	10	0	10	8	0	8
Home Sc.	F/FW	Safety measures in use of	02	ON	25	25	25	19	19	19



1.	Orientat ion Trainin g Progra mme on Women Friendly Farm Tools	Dru dge ry red ucti on	Au gus t to Dec 201 8	13	PF	1	0	0	0	66	12	132	66	1 2	132		Wate rshed missi on
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## 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	3	110	35	150	65	3	2	5	113	37	150
KisanMela	2	180	70	250	70	6	3	10	186	73	269
KisanGhoshi											
Exhibition	5	950	320	1270	58	22	8	30	972	328	1300
Film Show	11	195	105	300	61	2	1	3	197	106	303
Method Demonstrations											
Farmers Seminar											
Workshop	1	0	210	210	70	8	4	12	8	214	222
Group meetings	280	780	900	1680	63	20	5	25	800	785	1705
Lectures delivered as resource persons	15	175	200	375	57	10	8	18	185	208	393
Advisory Services											
Scientific visit to farmers field	255	1800	600	2400	53	10	4	14	1810	604	2414
Farmers visit to KVK	1250	1050	200	1250	64	0	0	0	1050	200	1250
Diagnostic visits											
Exposure visits											
Ex-trainees Sammelan	1	55	5	60	67	3	2	5	58	7	65
Soil health Camp											
Animal Health Camp	02	64	16	80	2.5	8	-	8	72	16	88
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet											
Self Help Group Conveners meetings	01		197	197	74	04	03	07	04	200	204
Mahila Mandals Conveners meetings											
Krishi Unnati mela	01	262	238	500	70	08	01	09	270	239	509
Swatchta Hi	02	85	115	200	34	04	06	10	89	121	210

Sewa											
MahilaKisan Divas	01	-	81	81	6	04	04	08	04	85	89
Celebration World Food Day	01	48	52	100	69	06	06	12	54	58	112
Celebration Women in Agriculture Day	01	-	100	100	56	03	06	09	03	106	109
Celebration of World Meterological Day	01	24	26	50	98	03	02	05	27	28	55
Celebration of Jay Kissan Jay Vigyan week	02	111	74	185	49	18	02	20	129	76	205
Celebration of Agriculture Educational day	01	187	123	300	51	9	7	16	196	130	326
<b>Total</b>	<b>1834</b>	<b>5896</b>	<b>3387</b>	<b>9278</b>	<b>997.5</b>	<b>137</b>	<b>67</b>	<b>204</b>	<b>6033</b>	<b>3334</b>	<b>9487</b>

## B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	15
Radio talks	5
TV talks	1
Popular articles	-
Extension Literature	5
Other, if any	5

## 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
-	-	-	-	-	-
<b>Total</b>					

*KVK farm*

Crop	Variety	Quantity of seed(q)	Value(Rs)	Number of farmers to whom seed provided
Paddy	MTU 7029	450.0	-	-
<b>Grand Total</b>	-	450.0		

## Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value(Rs)	Number of farmers to whom planting material provided
<b>Vegetable seedlings</b>				
Cauliflower	Hybrid	2,54,448nos.	2,54,448	460
Cabbage				
Tomato				
Brinjal				
Chilli				
Onion				



Others				
<b>Fruits</b>	-	-	-	-
Mango	-	-	-	-
Guava	-	-	-	-
Lime	-	-	-	-
Papaya	Red Lady	7935	158700	120
Banana	-	-	-	-
Others	-	-	-	-
Ornamental plants	-	-	-	-
Medicinal and Aromatic	-	-	-	-
Plantation	-	-	-	-
Spices	-	-	-	-
Turmeric	-	-	-	-
Tuber	-	-	-	-
Elephant yams	-	-	-	-
Fodder crop saplings	-	-	-	-
Forest Species	-	-	-	-
Others, pl.specify	-	-	-	-
<b>Total</b>		<b>262383</b>	<b>413148</b>	<b>580</b>

**Production of Bio-Products**

Name of product	Quantity	Value (Rs.)	No. of Farmers benefitted
	Kg		
Bio-fertilizers	-	-	-
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
<b>Dairy animals</b>				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
<b>Small ruminants</b>				
Sheep				
Goat				
Other, please specify				
<b>Poultry</b>				
Broilers				
Layers	Rainbow rooster	6353nos.	412945	620
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
<b>Piggery</b>				

Piglet	Yorkshire	50 nos (1947kg)	194700	50
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				
Others (Pl. specify)				
<b>Grand Total</b>		<b>6403</b>	<b>607645</b>	<b>670</b>

### 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 :	Dr. Sanghamitra Pattnaik
Address :	KVK, Mayurbhanj-1, Shamakhunta, Dist-Mayurbhanj, PIN-757049
e-mail :	mayurbhanjkvk@yahoo.co.in
Phone No. :	9437147934
Mobile :	

i) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2017	-	-	-	-	-	-
Rabi 2017-18	-	-	-	-	-	-
Summer/Spring 2018	Green gram	IPM 2-14	1000	100.6	50	C/S

iii) Financial Progress

Fund received (2016-17 and 2017-18)	Expenditure (Rs. in lakhs)		Unspent balance (Rs. in lakhs)	Remarks
	Infrastructure	Revolving fund		
2016-17	50.0	4.12725	28.87275	
2017-18	-	10.95024	27.7767	Rs 9,85,419 (Sale Proceed of FY 2016-17 produce is of Rs. 864720+Bank Interest Rs. 120699)

iv) Infrastructure Development

Item	Progress
Seed processing unit	Under construction. Till date the 2 <sup>nd</sup> Floor work has been completed
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper	Effect of vegetable transplanter press wheel design on soil compaction and seedling establishment	Mohanty, D.K., Behera, D., Mahapatra, M. and Swain, S.K.	1	-
Seminar/conference/ symposia papers				
Books				
Bulletins				
News letter	Bhanja bhumi Krushaka ra katha	Sr. Scientist & Head	500copies	500copies
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature	Sankal se Sidhi	Sr. Scientist & Head	1000copies	1000copies
Technical reports	Pandit Deen Dayal Upadhyay Krishi Vigyan Protshahan Puraskar (National)	Sr. Scientist & Head	10copies	10copies
Electronic Publication (CD/DVD etc)	Audio Cassette on Soil Health and its management in Odia Language	Sr. Scientist & Head	10copies	10copies
<b>TOTAL</b>			<b>1521copies</b>	<b>1521copies</b>

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

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

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

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

Name of farmer	Mr Sanjit Kumar Mohanty
Address	Kansapal , Chandanpur , Bangiriposi , Mayurbhanj
Contact details (Phone, mobile, email Id)	9437461661
Landholding (in ha.)	3.4 ha with irrigation facility of Bore well & River lift
Name and description of the farm/ enterprise	Mechanized Farming with scientific ICM practices
Economic impact	Average profit per hectare(Rs)-35,221 over traditional practices
Social impact	From Agro service centre and supply of irrigation water to fellow farmers on rent was of Rs 4.8 lakhs with the

	net profit of Rs 2.56 lakhs. From Crop produce was of Rs 3.91 lakhs with a net profit of Rs 2.06 lakhs. Employment generation for 65 to 70 casual laborers per month.
Environmental impact	-
Horizontal/ Vertical spread	-

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

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

Sl. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK
01	Rice	Neem leaf	Storage
02	Green gram	Red chilli	Storage

b. Give details of organic farming practiced by the farmer

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

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

3.11. a. Details of equipment available in Soiland Water Testing Laboratory

Sl. No	Name of the Equipment	Qty.
1	Flame Photometer	01
2	Soil Moisture Meter	01
3	Automatic Nitrogen Analyzer	01
4	Electronic Precision Balance	02
5	Double beam U.V Spectrophotometer	01
6	Refrigerated Centrifuge	01
7	Physical Balance	01
8	Distilled water unit	01
9	PH meter	01
10	EC meter/Conductivity meter	01
11	Horizontal Rotary Shaker	01
12	Mechanical Stirrer	01
13	Bouycous hydrometer	01
14	Hot air Oven –Digital	01
15	Thermometer	01
16	Geological Hammer	01
17	Seive	01
18	Keen cup	01
19	Magnetic Stirrer with hot plate	01
20	Water Quality Analyser	01
21	Vortex	01

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	250	1	Smt. Sarojini Hembram, Hon'ble MP(Rajyasabha)	200	250

## 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
Animal Health camp	02	80	Small and Large Animal (Goat,Sheep,Cow,calf)
SHG Sammelan	01	197	Mushroom
Krishi Unnati Mela	01	500	-
Soil test campaign	01	25	Soil testing
Field Day	01	50	Groundnut

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

No of student trained	No of days stayed
20	10weeks

ARS trainees trained	No of days stayed
-	-

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

Date	Name of the person	Purpose of visit
17/05/17	Dr. Jyoti Nayak,Senior Scientist ICAR.CIWA,Bhubaneswar	Orientation training on gender friendly farm tools
26/08/17	Dr. A.N.Roy,Director,ICAR-NIRJAFT	Training
01/09/17	Prof. Dr. P.K.Roul, Dean Extension Education, OUAT,Bhubaneswar	KVK Visit
21/09/17	Sj. Sarat Mohapatra,FA & Additional Secretary to Govt., Agriculture Department, Govt. Of Odisha	KVK Visit
21/09/17	Sj. Ramesh Chandra Das, Addl. Director of Horticulture, Directorate of Horticulture, Bhubaneswar	KVK Visit
10/01/18	Er.Chaitrali.S.Mhatre,Scientist,FMP, ICAR-CIWA,Bhubaneswar	KVK Visit
10/01/18	Dr. JN Mishra,Assoc. Prof AICRP on ESA ,OUAT,Bhubaneswar	To attend a meeting
10/01/18	Dr. Manoranjan Mohapatra,Jt. Dir. Exte. DEE,OUAT	Gender friendly farm tools workshop
21/02/18	Dr. P.P.Pal, Principal Scientist, ICAR-ATARI, Kolkata	SAC Meeting

21/02/18	Dr. BijayaKumar Mohapatra ,Jt. Dir. Exte. DEE,OUAT	SAC Meeting
22/02/18	Dr. V.S. Pahil, National Consultant, NFSM,DAC & FW, GOI, New Delhi	Visit seed hub & CFLD

## 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)
Package and practices of Papaya and Banana	25	15	150000	269370
Off season vegetable cultivation	50	18	120000	220000
Commercial cultivation of tuber crops	25	22	60000	150000
Hybrid vegetable cultivation	25	15	70000	150000
Commercial cultivation of flowers	25	20	37000	64000
Seed production in vegetable crops	25	11	70000	98000
Hi-tech horticulture and precision farming	10	15	0	50000
Propagation techniques of mango	25	22	0	70000
Grading, sorting and packaging of vegetables	25	12	60000	68000
Planting techniques of tissue cultured Banana	25	18	230000	350000
Package and practices of cucurbits	25	16	60000	90000
Plant protection techniques of Arhar	25	22	32000	46000
Plant protection techniques of Groundnut	25	25	36000	55000
Plant protection techniques of Green gram	25	20	15500	26000
Spraying techniques in paddy	25	21	24000	27500
Sucking pest management in Okra, Brinjal, Tomato and Chilli	25	14	60000	122000
Management of fruit fly in Pumpkin	25	15	65000	96000
Management of fruit and shoot borer in Okra, Tomato, Brinjal and Chilli	25	18	74000	142000
Application of Trichoderma viridae in vegetable nurseries for disease management	25	16	140000	259372
Bio-pesticides for controlling pests and diseases in vegetable crops	25	17	70000	145000
Cultivation of paddy straw mushroom in entrepreneurial basis	50	20	14200	31150
Cultivation of oyster	25	10	3360	7850

mushroom in entrepreneurial basis				
Preparation of value added products from tomato	25	11	-	19500
Preparation of value added products from sabai grass	25	16	-	28000
Use and operation of seed drills/planters	25	24	48600	67500
Use and operation of rotavator for seed bed preparation	25	20	12700	14210
Use and operation of SRI power weeder	25	25	15700	22230
Mechanized transplanting and use of transplanter	25	23	14950	20750
Entrepreneurship development through farm mechanization	10	14		
Use, operation and maintenance of drip and sprinkler irrigation system	25	16		
Mushroom production in entrepreneurial basis	30	12	450	800
Vaccination procedure in goats for deworming	25	13	3200	4500
Preparation of value added products from mushroom	25	14	450	1500

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
Weeding and intercultural operation by power SRI paddy weeder in SRI method of rice cultivation	No Village-125, Farmers-550, Area-1200ha
Bullock drawn plough planter for sowing groundnut	No Village-30, Farmers-90, Area-180ha
Tractor drawn seed-cum-fertilizer drill for sowing groundnut	No Village-75, Farmers-300, Area-650ha
Tractor drawn seed-cum-fertilizer drill for sowing green gram	No Village-20, Farmers-75, Area-120ha

Give information in the same format as in case studies

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

#### 4.4. Details of innovations recorded by the KVK

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

<b>Entrepreneurship development</b>	
Name of the enterprise	
Name & complete address of the entrepreneur	
Role of KVK with quantitative data support:	
Timeline of the entrepreneurship development	
Technical Components of the Enterprise	

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

4.6. Any other initiative taken by the KVK-

## 5. LINKAGES

### 5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Department of Agriculture & Farmers Welfare, Mayurbhanj, Govt. of Odisha	<ul style="list-style-type: none"> <li>• Conducting on farm trials &amp; Demonstration</li> <li>• Crop planning in irrigated ayacuts</li> <li>• Organizing skill oriented vocational training programmes,</li> <li>• Farmers' fair</li> <li>• Monitoring BGREI programme</li> </ul>
Department of Horticulture, Mayurbhanj, Govt. of Odisha	<ul style="list-style-type: none"> <li>• Site selection, Plantation and management of mango plantation along with intercropping under MGNREGS</li> <li>• Monitoring Center of Excellence,</li> <li>• Verification of Planting material on MGNREGS Programme</li> <li>• Verification of poly house under NHM and verification of plantations taken up under MGNREGS</li> <li>• Capacity building programme of extension personnel</li> </ul>
Department of Animal Resource & Fishery, Mayurbhanj, Govt. of Odisha	<ul style="list-style-type: none"> <li>• Conducting Demonstration in the farmers field &amp; Training programme of farmers</li> <li>• Organizing Animal Health camp</li> </ul>
Department of Minor Irrigation, Mayurbhanj, Govt. of Odisha	Training programme for the Office bearers of PaniPanchayat functionaries.
Department of Water Resource, Mayurbhanj, Govt. of Odisha	Conducting training for the field level extension functionaries.
Department of Child Welfare, Mayurbhanj, Govt. of Odisha	Providing training to ICDS supervisors & field level functionaries on Nutritional Aspects
IRRI	Multilocal trials in Mayurbhanj district.
Cereal Systems Initiative for South Asia (CSISA)-CIMMYT	Multilocal trials in Mayurbhanj district.
NABARD	Formation and strengthening of Farmers' Club
Odisha Livelihood Mission	Technical backstopping in 20 village programme for sustainable livelihood in Mayurbhanj district.

5.2. List of special programmes undertaken during 2017-18 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.)
Farmers Scientist Interaction	Awareness on new technology in agriculture	28.3.2018 and 29.3.2018	ATMA, Mayurbhanj	20,000.00



## 6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq. mt)	Details of production			Amount (Rs.)		Remarks
				Variety/breed	Produce	Qty.	Cost of inputs	Gross income	
-	-	-	-	-	-	-	-	-	-

## 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	
Paddy	1 <sup>st</sup> week of August	Last week of December	14.0	MTU 7029	FS	450.0	-	-	-

## 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.	Poultry birds	Rainbow rooster	21dy old chicks	6353nos	-	1,98,459	

## 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)
July2017	30	2	-
January2018	30	2	
February 2018	50	4	
Total	110	8	

(For whole of the year)

## 6.6. Utilization of staff quarters-

**Quarters are not in habitable condition**

Whether staff quarters has been completed:

No. of staffquarters:

Date of completion:

Occupancy details:

Months	Q I	Q II	Q III	Q IV	Q V	Q VI

## 7. FINANCIAL PERFORMANCE

## 7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number

KVK Contingency(Current )	SBI	Shamakhunta	11600031037
Revolving Fund (Saving)	SBI	Shamakhunta	30490126394
Pulse Seed Hub (Saving)	SBI	Shamakhunta	36077653148

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

Item	Released by ICAR		Expenditure		Unspent balance as on - 31.03.2018
	Kharif	Rabi	Kharif	Rabi	
Groundnut	253800	0	253800		Rs. 21577
Remuneration of Tech Agent	13000				

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 <sup>st</sup> April 2018
	Kharif	Rabi	Kharif	Rabi	
Green gram		163055		290000	-Rs. 126945

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

Sl.No.	Particulars	Sanctioned(Lakhs)	Released(Lakhs)	Expenditure(Lakhs)
<b>A. Recurring Contingencies</b>				
1	Pay & Allowances	60.83	60.83	
2	Traveling allowances	1.7	1.7	1.7
3	Contingencies	24.5	22.616	22.616
A	Swatchta Expenditure			
<b>TOTAL (A)</b>		<b>87.03</b>	<b>85.146</b>	<b>24.316</b>
<b>B. Non-Recurring Contingencies</b>				
1	Office Equipment	5	5	0.01931
2	Home Science Lab	0.5	0.5	0
<b>TOTAL (B)</b>		<b>5.5</b>	<b>5.5</b>	<b>0.01931</b>
<b>C. REVOLVING FUND</b>		<b>0</b>	<b>0</b>	<b>13.05785</b>
<b>GRAND TOTAL (A+B+C)</b>		<b>92.53</b>	<b>90.646</b>	<b>37.39316</b>

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

Year	Opening balance as on 1 <sup>st</sup> April	Income during the year	Expenditure during the year	Net balance in hand as on 1 <sup>st</sup> April of each year (Kind + cash)
2015-16	9,94,868	1880668	1239835	640833
2016-17	4,22,668	2618117	1234391	1383726
2017-18	5000	2110761	1305785	804976

7.6. (i) Number of SHGs formed by KVKs-**10nos.**(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities: **Mushroom grower & Forest Produce**(iii) Details of marketing channels created for the SHGs: **Marketing linkage has been established in association with OLM, Mayurbhanj**

## 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
Celebration of Jai Vigyan Jai Ksian	1	Rabi 2017-18	Department of Agril., Govt. of Odisha	-	Department of Agril.

## 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)
BPH	Paddy	03.11.2017	54	5-8%	Drainage of water before use of insecticides and direct the spray towards the base of the plants, Alley making, Application of Thiamethoxam 25% WG 40 gm/acre or Dichlorvos 75% EC, 200 ml/acre or Imidacloprid 30.5 EC or 30 gm/acre or Acephate 95% SG, 250 gm/acre

## 8.2. Prevalent diseases in Livestock/Fishery

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

## 9.1. Nehru YuvaKendra(NYK) Training

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

## 9.2. PPV &amp; FR Sensitization training Programme

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

## 9.3. mKisanPortal (National Farmers' Portal/ SMSPortal)

Type of message	No. of messages	No. of farmers covered
Crop	33	10541
Livestock	-	-
Fishery	19	19964
Weather	-	-
Marketing	-	-

Awareness	-	-
Training information	-	-
Other	17	5230
<b>Total</b>	<b>69</b>	<b>35735</b>

## 9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	700
2.	No. of farmers registered in the portal	-
3.	Mobile Apps developed by KVK	-
4.	Name of the App	-
5.	Language of the App	-
6.	Meant for crop/ livestock/ fishery/ others	-
7.	No. of times downloaded	-

## 9.5. a. Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken
23.09.2017	An awareness- cum -cleanness drive was organized at KVK Campus involving the farmers & farm women of nearby villages of Dhanpur supported by the Staff of KVK Mayurbhanj-I, Shamakunta.

## b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	-	-
2. Basic maintenance	50	360000
3. Sanitation and SBM		
4. Cleaning and beautification of surrounding areas	60	18000
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste		
6. Used water for agriculture/ horticulture application	20	6000
7. Swachhta Awareness at local level	5	0
8. Swachhta Workshops	-	-
9. Swachhta Pledge	-	-
10. Display and Banner	1	500
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)	2	1000
14. No of Staff members involved in the activities	11	0
15. No of VIP/VVIPs involved in the activities	-	-
16. Any other specific activity (in details)	-	-
<b>Total</b>	<b>149</b>	<b>385500</b>

## 9.6. Observation of National Science day

Date of Observation	Activities undertaken
-	-

## 9.7. Programme with SeemaSurakshaBal (BSF)

Title of Programme	Date	No. of participants
-	-	-

## 9.8. Agriculture Knowledge in rural school:

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Dhanpur High School , Dhanpur	03.12.2017	Agriculture & its Importance	-

Give good quality 1-2 photograph(s)

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

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman Zila Panchayat	Distt. Collector/DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
21.08.2017	-	Smt. Sarojini Hembram, Hon'ble Member of Parliament of Rajya Sabha	Sj. Sananda Marandi, Hon'ble Deputy Speaker, Odisha Legislative Assembly	-	-	1	2	300	10	313	Yes	

## 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	An awareness- cum - cleanliness drive	2	200	-	-

## 9.11. Details of MahilaKisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Demonstration mushroom cultivation and importance of backyard poultry rearing and value addition of vegetables & forest produce	1	81	-	-

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

Sl. No.	Name of Farmer	Address of the farmer with contact no.	Innovation/ Leading in enterprise
1	Ratikant Patra	Balimunduli, Shamakhunta, 9777493543	Hybrid paddy seed production in 2.0 ha area
2	Bijay Kumar Patra	Girishchandrapur, Khunta, 9438500562	Paired row planting of various off-season vegetables in shed houses
3	Prasannajit Mohapatra	Kenduadiha, Shamakhunta, 9438001895	Novel technology in managing rice pests and diseases by using 07 different Indigenous products/components
4	Nagendra Maharna	Madhunanda, Betnoti, 9853076922	Mixed farming of various vegetables in the same place
5	Lipsa Mohanty	Kansapal, Bangiriposi, 9437461661	Poultry farming with in-house feed preparation
6	Sudhir Kumar Acharya	Belam, Badasahi, 9439883090	Intercropping of Cereal, pulse and vegetables
7	Nabin Mohanta	Bholagadia, Shyamakhunta, 9439094429	Novel technique to harvest rice in muddy conditions (When rain occurs at the time of harvest)
8	Kalpana Bindhani	Deulasahi, Baripada, 9861456703	Novel preparation of value added products from vegetables and fruits
9	Geetarani Mohanty	Ruchi Mushroom, Takatpur, Baripada, 9861317115	Paddy straw mushroom production by using sterilized compost
10	Rajat Satpathy	Puravi Dairy, ABCpur, Badasahi, 9438232353	Various value added products from milk

## 9.13.HRD programmes attended by KVK person

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme
Orientation training cum refresher courses for KVK personnel	One day	Dr. S.Pattnaik	Sr. Scientist & Head	ICAR-ATARI ,Kolkata
Pulse Seed Workshop	One day	Dr. S.Pattnaik	Sr. Scientist & Head	IIPR, Kanpur
TSP Workshop	Two days	Dr. S.Pattnaik	Sr. Scientist & Head	ICAR-ATARI ,Jabalpur
Orientation training cum refresher courses for KVK personnel	One day	Mr.B.R.Samantaray	Scientist (Fishery Sc.)	ICAR-ATARI ,Kolkata
Orientation training cum refresher courses for KVK personnel	One day	Mrs. Jhunilata Bhuyan	Scientist (Home Sc.)	ICAR-ATARI ,Kolkata
Orientation training cum refresher courses for KVK personnel	One day	Mr.D.nayak	Farm Manger	ICAR-ATARI ,Kolkata

## 9.14. Revenue generation

Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
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Sl.No.	Name of Head	Income(Rs.)	Sponsoring agency
1.	Utilization of Farmers Hostel	44000	-

## 9.15. Resource Generation:

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

## 9.16. Performance of Automatic Weather Station in KVK –Not Available

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

## 9.17. Contingent crop planning

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

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

a) Year: Kharif 2017

b) Introduction / General Information:

	Title	Objective	Treatment details	Date of sowing	Replication	Result with photographs
Experiment 1	To find out suitable plant spacing and nutrient management in kharif hybrid maize in Plateau Ecology of Mayurbhanj	To find out optimum plant population and fertilizer use for increasing productivity and profitability in hybrid maize in Mayurbhanj plateau ecology.	S1 -Spacing 60 cm x 30 cm S2 -Spacing 60 cm x 20 cm Sub-Plot : Nutrient dose/ha F1 N:P2O5: K2O = 120:60:60 F2: N:P2O5: K2O = 150:60:60 F3:N:P2O5: K2O = 150:75:60		5	

## 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.)	Power sprayer-5nos., Battery sprayer-5nos., Knapsack sprayer- 5 nos.
On-farm trials (Number)	4
Frontline demonstrations (Number)	7
Farmers training (in lakh)	0.00663
Extension personnel training (in lakh)	0.00074
Participants in extension activities (in lakh)	0.01952
Seed production (in tonnes)	62.0
Planting material production (in lakh)	3.9057

Livestock strains and fingerlings production (in lakh)	0.06015
Soil, water, plant, manures samples testing (in lakh)	0.003
Provision of mobile agro – advisory to farmers (in lakh)	0.1
No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	0.007

b. Fund received under TSP in 2017-18 (Rs. In lakh): **14.616**

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

Sl. No.	Description	Unit	Achievements
1	Change in family income	%	16
2	Change in family consumption level	%	23
3	Change in availability of agricultural implements/ tools etc.	No. per household	19

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
Mayurbhanj	Kaptipada	1	Machhia	30	20	50
Mayurbhanj	Bangiriposi	1	Kansapal	5	15	20
Mayurbhanj	Shamakhunta	1	Ambdubi	14	8	22
Mayurbhanj	Badasahi	1	Belam	15	5	40
Mayurbhanj	Badasahi	1	Kochilapada	20	0	20
Mayurbhanj	Kuliana	1	Pandasole	5	5	10
Mayurbhanj	Baripada	1	Sikargahi	2	8	10
Mayurbhanj	Shamakhunta	1	Kisandahi	6	4	10
Mayurbhanj	Bangiriposi	1	Brahamnigaon	4	7	11
Mayurbhanj	Bangiriposi	1	Talabandha	9	27	36
Mayurbhanj	Betnoti	1	Gargaria	45	25	70
Mayurbhanj	Shamakhunta	1	Salabani	15	9	24
Mayurbhanj	Baripada	1	Laxmiposi	10	-	10
Mayurbhanj	Bangiriposi	2	Kanchhinda, Brahmangaon	18	12	30
Mayurbhanj	Kuliana	1	Keutanimari	10	10	20
Mayurbhanj	Shamakhunta	3	Badakuldiha, Ambsingda, Godipokhari Sirisbani, Kisandahi, Sansole	25	31	56
Mayurbhanj	Kuliana	4	Nadhabani, Rangibeda, Dadrisole, Tadki	10	30	40
Mayurbhanj	Baripada	5	Betna, Snadakoi, Bhagabatpur, Raikatjharan, Damdarpur	20	30	50
Mayurbhanj	Bangiriposi	2	Baskitola, Bhagirathipur	5	15	20
Mayurbhanj	Badasahi	1	kochilapada	6	4	10





-	-	-	-	-	-	-
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## 17. Technologies for Doubling Farmers' Income

Sl. No.	Name of the Technology	Brief Details of Technology (3- 5 bullet points)	Net Return to the farmer (Rs.) per ha per year due to the technology	No. of farmers adopted the technology in the district	One high resolution 'Photo' in 'jpg' format for each technology
1	Introduction of Groundnut in Rainfed medium land of Rice fallow cropping system	Substituted with groundnut variety K-6	30360	8	
2	Introduction of Green gram in Rice- fallow cropping system	Substituted with green gram variety IPM-2-14	13200	16	
3	Introduction of Green gram	Green gram variety IPM-2-14	15200	10	
4	Varietal Evaluation of Rice in Rice-fallow cropping system	Variety DRR-42	24,000	10	
5	Introduction of off season cauliflower in Irrigated upland in Vegetable cropping system	Introduction of off season cauliflower.	143000	10	
6	Diversification of Upland paddy to off season cauliflower in Rainfed upland areas in Rice-fallow cropping system	Diversification of Upland paddy to off season cauliflower	133000	6	
7	Demonstration of Vaccination of Goats	Deworming of kids and PPR vaccination	Kids are in growing stage	8	
8	Demonstration of Calcium Supplementation in RIR breeds	Calcium Supplementation (4ml/day per bird) of RIR breeds	Rs2025 from 405eggs of 5birds	6	
9	Introduction of Mushroom cultivation	Mushroom cultivation throughout the year	Rs. 5625/ 50 bed	17	

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

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)	5	126			
II (up-to 24.04.218)	79	1242			
Total	84	1368			

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

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

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