ANNUAL REPORT2017-18 (April 2017to 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-	91-8480276519	-	kvkmayurbhanj1.ouat@gmail.com/
Shamakhunta, Mayurbhanj			mayurbhanjkvk@yahoo.co.in
Odisha, Pin – 757049			

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

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

1.3. Name of the Programme Coordinator with phone & 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

KVK MAYURBHANJ-1,ODISHA 1.5. Staff Position (as on 25th 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

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)
			Computer Operator		GP-2400 & 8170			
13.	Driver	Mr. P.K.Biswal	Driver-cum-	-	5200-20200 &	25.07.2007	Permanent	OBC
			Mechanic		GP-1900 & 7680			
14.	Driver	Mr. B.K.Behera	Driver-cum-	-	5200-20200 &	18.07.2008	Permanent	OBC
			Mechanic		GP-1900 & 7130			
15.	Supporting staff	Mr. D.Swain	Peon-cum-	-	4440-7440 &	20.12.2007	Permanent	OBC
			Watchman		GP-1500 & 6500			
16.	Supporting staff	Mr. P.Martha	Peon-cum-	-	4440-7440 &	20.12.2007	Permanent	OBC
			Watchman		GP-1500 & 6500			

1.6. Total land with KVK (in ha)

12 / 12 (111)	· ·	
S. No.	Item	Area (ha)
1	Seed Production	14.0
2.	Under Buildings, roads & others	5.0
3.	Farm Ponds	2.5
4.	IFS unit	0.5
5.	Pasture upland	1.517
	Total	23.517

Total area should be matched with breakup

1.7. Infrastructure Development: A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative		piintii ievei	icvei		Yes	754	Use	ICAR
1	Building						,		
2.	Farmers Hostel					Yes	304.7	Use	ICAR
3.	Staff Quarters (6)					Damaged			
4.	Piggery unit								
5	Fencing					Yes	350 mts	Use	RKVY
6	Rain Water harvesting								

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				Construction of	N			ICAR
	Specify (seed				Ground floor				
	processing plant-				work completed				
	Cum-Seed Store				and 2nd floor				
	Building)				works has been completed				

^{*} 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	2006 3.41658		Needs Replacement
Motor bike	2010	50000	30000	Good

KVK MAYURBHANJ-1,ODISHA C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund					
a. Lab equipment									
Soil & Water Lab Equipment	2015	1700000	Good	ICAR					
Soil Test Kit	2017	90300	Good	ICAR					
b. Farm machinery									
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	2017	239000	Good	ICAR					
transplanter									
Rotavator-'4'	2017	88970	Good	ICAR					
Zero Till Seed Drill-11 row	2017	81819	Good	ICAR					
c.AV Aids	c.AV Aids								
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	2008	2520	Good	ICAR
seeder				
Power Weeder	2017	8580	Good	ICAR
Battery Operated Sprayer	2017	4200	Good	ICAR
Fertilizer Broad caster	2018	4480	Good	ICAR

אווכב				
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	
			KVK to organize FLD & OFT programme in Pani Panchayat area.	been included in	
			Number of trainings and beneficiaries must be increased.	Action Plan 2018-	
			More number of demonstration programmes on use of small tools and implements	19	
			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	1	
			variety in Mayurbhanj.		
			OFT on varietal recommendation of each crop under protected structure to be	1	
			designed.		
			Availability of organic manure in KVK and govt. sales centre.	1	
			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,	Paddy-31.87q/ha, Green gram-6.39q/ha, Black gram-6.23q/ha, G.nut-12.65q/ha &				
	pulses, oilseeds, vegetables, fruits and others	Maize-28.70				
6	Mean yearly temperature, rainfall, humidity of the	Max. 390C; Min. 40C, 1600 mm in 77 rainy day				
	district					
7	Production of major livestock products like milk,	Milk-2,71666liters/day, Egg-94693nos/day, Meat 93667kg/day				
	egg, meat etc.					

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	Nutrient management in direct seeded riceOff season vegetable cultivation	
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	Stocking of advanced fingerling in community pond management	
3	Suliapada	Suliapada	Khadiasol e	Rice, Green gram, Traditional pisciculture ,Poultry	Crop loss due to cyclone, hailstorm and/or heavy rain during harvesting stage of pulses	Intercropping minor carp to increase fish production	
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	Providing food and nutritional security, income to women and tribal communities	
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	through secondary agriculture	

2. c. Details of village adoption programme:Name of the villages adopted by PC and SMS (2017-18) for its development and action plan

Traine of the Thinges adopted by 10 and Strib (2017-10) for its development and detion plan					
Name of	Block	Action taken for development			
village					
Ambdubi	Shamakhunta	➤ Introduction of off season cauliflower.			
		Substituted with black gram variety PU-31			
		Calcium Supplementation (4ml/day per bird) of RIR breeds			
		Deworming of kids and PPR vaccination			
		Mushroom cultivation throughout the year			

Kansapal	Bangiriposi	 Diversification of Up land paddy to off season cauliflower
1		➤ Substituted with groundnut variety K-6 in line sowing (Seed cum fertilizer drill)
		➤ Substituted with green gram variety IPM-2-14 in line sowing (Zero till seed cum fertilizer drill)
		Calcium Supplementation (4ml/day per bird) of RIR breeds
		Mushroom cultivation througout the year
Khadiasole	Suliapada	➤ Introduction of Green gram variety IPM-2-14 variety
		➤ Introduction of RIR breed
		➤ Introduction of Mushroom cultivation in small scale
Machhia	Kaptipada	➤ Introduction of Green gram variety IPM-2-14 variety
		➤ Introduction of RIR breed (20 nos.)
		➤ Mushroom cultivation in small scale (10 nos)
Gargadia	Betanoti	➤ Variety DRR-42
8		➤ Mushroom cultivation in small scale (20 nos.)

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

8							-				
OFT					FLD						
No. of technologies:					No. of technologies:						
Numbe	Number of OFTs Number of farmers				Number of FLDs Number of farmers						
Target	Achievement	Target	Achieve	ment		Target	Achievement	Target	Achievem	ent	
			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	N	Number of Par	rticipants		Number of activities Number of participa			rticipants		
Target	Achieveme	Target	Achieveme	nt		Target	Achieveme	Target	Achiever	nent	
	nt					nt					
			SC/ ST	Others	Tota				SC/ ST	Other	Total
					1					S	
37	33	650	328	319	647	5	3	125	25	49	74
Seed production (q)					Planting material (in Lakh)						
Target Achievement			Target Achievement								
45	50.0		450	0.0		2.385 2.54448					

I	Livestock strains and fish fir	ngerlings 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/refinemen	Cultivation of Gerbera& Rose
	(Mention either Assessed or Refined)	
4.	Source of Technology	OUAT, 2013
5.	Production system and thematic area	Irrigated, Poly house & Precession Farming
6.	Performance of the Technology with performance	B:C ratio, Farmers feed back
	indicators	
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	No.		Yield component		Disease/	Yield	Cost	of	Gross	Net return	BC
option	of trials	No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)	insect pest incidence (%)	(q/ha)	cultivation (Rs./ha)		return (Rs/ha)	(Rs./ha)	ratio
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	Arka Rakshak & Arka Samrat
	(Mention either Assessed or Refined)	
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	No.	of	Yield com	ponent	Wilt	Yield	Cost of	Gross return	Net return	BC
option	trials		Fruit wt. in		incidence (%)	(q/ha)	cultivation(Rs./ha)	(Rs/ha)	(Rs./ha)	ratio
			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.

1.	Title of On farm Trial	Assessment of tractor operated multi crop seed cum fertilizer drill for				
		line sowing of groundnut				
2.	Problem diagnosed	• Improper plant population and low yield of groundnut in conventional				
		method of sowing				
		Higher cost of operation				
3.	Details of technologies selected for	TO1-Sowing by power tiller operated multi crop seed cum fertilizer drill				
	assessment/refinement	TO2-Sowing by tractor operated multi crop seed cum fertilizer drill				
	(Mention either Assessed or Refined)	(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	AFC (h/ha), Field Efficiency (%), Fuel consumption (l/h), Yield (q/ha)				
	indicators	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	Yio	Yield component			Yield	Cost of	Gross	Net return	BC
	trials	No. of	No. of	Test wt.	insect pest		cultivation	return		ratio
		pods/plant	spikelet	(100	incidence	(q/ha)		(Rs/ha)	(Rs./ha)	
			per panicle	grain wt.)	(%)		(Rs./ha)			
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

Technology option	Field capacity (ha/h)	Labour requirement (Mandays/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	Higher cost of operation in conventional green gram sowing method
		Low yield due to improper plant population
		Delay in sowing of green gram in traditional methods (broadcasting) reduces yield
3.	Details of technologies selected for	TO1- Conventional tillage with sowing by tractor operated multi crop seed cum fertilizer drill
	assessment/refinement	TO2- Sowing by tractor drawn zero till drill
	(Mention either Assessed or Refined)	
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	AFC (h/ha), Field Efficiency (%), Fuel consumption (l/h), Yield (q/ha)
	performance indicators	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	In non-irrigated condition yield drastically reduced so it may be refined for final
	research	recommendation whether it is suitable for irrigated or in both condition
9.	Process of farmers participation and their	Farmers appreciated the technology
	reaction	

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	Yio	Yield component			Yield	Cost of	Gross	Net return	BC
	trials	No. of	No. of	Test wt.	insect pest		cultivation	return		ratio
		pods/plant	seeds per	(100	incidence	(q/ha)		(Rs/ha)	(Rs./ha)	
			pod	grain wt.)	(%)		(Rs./ha)			
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	Labour requirement	Cost of operation	Labour reduction (%)	Cost reduction (%)
	(ha/h)	(Man-days/ha)	(Rs/ha)		
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	TO-1: Transplanting of rice seedling by two row rice transplanter
	assessment/refinement(Mention either Assessed or Refined)	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 (m2/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	No. of	Yield co		Disease/	Yield	Cost of	Gross return	Net return	BC	
option	trials	No. of effective tillers/hill		Test wt.	insect pest incidence	(q/ha)	cultivation (Rs./ha)	(Rs/ha)	(Rs./ha)	ratio
			spikelet per panicle	(100 grain wt.)	(%)		(KS./IIa)			
TO1	07	Heart rate(beats/min)-121 Est. Energy Expenditure kj/min-7.42	Output (m²/hr)-85	, , , , , , , , , , , , , , , , , , , ,						
TO2	07	Heart rate(beats/min)-125 Est. Energy Expenditure kj/min-6.56	Output (m ² /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	No.	Yield	d component		Disease/	Yield	Cost of	Gross	Net return	BC
option	of trials	No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)	insect pest incidence (%)	(q/ha)	cultivation (Rs./ha)	return (Rs/ha)	(Rs./ha)	ratio
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.	Cron	Thematic	Technology Demonstrated with	Area (l	na)	farmer	No. of s/demon	stration	Reasons for shortfall in achievement
51.110.	Crop Thematic area	detailed treatments	Proposed	Actual	SC/S T	Other s	Total		

Details of farming situation

	9,	ati Ir ed	ii.	Statu	s of soil ((Kg/ha)	vio s op	in te	ve tte	so 1 fal	ol V s
Crop	Seas	ng situe on (RF/ rigat	Soi	N	P ₂ O ₅	K ₂ O	Prev us croj	Sow g da	Harv st da	7 7 8 3	V. H 1

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

Performance of FLD

Oilseeds:

Frontline demonstrations on oilseed crops

Crop	Thematic	Name of the technology	No. of	Area	Yield	(q/ha)	%	*Eco		f demonstra ./ha)	ation	*	Economic (Rs.	cs of check ./ha)	k
Стор	Area	demonstrated	Farmers	(ha)	Demo	Check	Increase	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Total															

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

** BCR= GROSS RETURN/GROSS COST

Pulses

Frontline demonstration on pulse crops

Const	Thematic	Name of the technology	No. of	Area	Yield	(q/ha)	%	*Ec		of demonstrati s./ha)	on			ics of check s./ha)	
Cro	Area	demonstrated	Farmers	(ha)	Demo	Check	Increase	Gross	Gross	Net	**	Gross	Gross	Net	**
					Demo	Check		Cost	Return	Return	BCR	Cost	Return	Return	BCR
	Total														

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

** BCR= GROSS RETURN/GROSS COST

Other crops

Cron	Thematic area	Name of the technology	No. of	Area	Yield ((q/ha)	% change		her neters	*Econo	omics of demo	onstration (R	s./ha)		*Economics (Rs./h		
Crop	Themane area	demonstrated	Farmer	(ha)	Demons ration	Check	in yield	Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Capsicum	Varietal Evaluation	Demonstration on capsicum var. Indo American Bharat	5	2.0	207	110	90	No of fruits /plant 15	No.of fruits/ plant 280	65,000	3,10,500	2,45,500	4.77	54,000	1,65,000	1,11,000	3.05
Rice	Farm mechanization	4 row walk behind rice transplanter	10	2.0	45.3	40.8	11			28184	56625	28441	2.01	30200	51000	20800	1.69
Maize	Farm mechanization	Seed cum fertilizer drill	10	2.0	48.2	41.5	16			28922	67480	38558	2.33	30900	58100	27200	1.88
		Total	25	6.0													

19

Livestock

G.	Thematic	Name of the technology	No. of	No.of	Major para	ameters	% change	Other pa	rameter	*Eco	nomics of (Rs	demonstr	ation	*]	Economic (Rs		ζ.
Category	area	demonstrated	Farmer	units	Demons ration	Check	in major parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy	-	-	-	-	ı	-	-	-	-	-	1	1	-	-	ı	-	-
Cow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buffalo	-	-	-	-	ı	-	-	-	-	-	-	ı	-	-	ı	-	-
Poultry	Breed evaluation	Demonstration of Rainbow rooster breed of poultry in semi intensive system	10	100birds	Body weight (kg)-2.75	1.25	120	-	-	110	495	385	4.5	85	312	227	3.6
Rabbitry	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pigerry	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheep and goat	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Duckery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others (pl.specify) Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10141																	

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

** BCR= GROSS RETURN/GROSS COST

Fisheries

Catagomy	Thematic	Name of the technology	No. of	No.of	Major par	ameters	% change in	Other par	rameter	*Ecoi	nomics of de	monstration	(Rs.)		*Economic (R		
Category	area	demonstrated	Farmer	units	Demons ration	Check	major parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Common carps																	
Mussels																	
Ornamental fishes																	
Others (pl.specify)																	
-		Total															

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

** BCR= GROSS RETURN/GROSS COST

Other enterprises

	Name of the			Maj	or	% change	Other par	rameter	*Econ	omics of		ration	*E	Economic		k
Category	technology	No. of	No.of	param	eters		Other par	anneter		(Rs.) or	Rs./unit			(Rs.) or	Rs./unit	
Category	demonstrated	Farmer	units	Demons	Check	in major parameter	Demons	Check	Gross	Gross	Net	**	Gross	Gross	Net	**
				ration		1	ration		Cost	Return	Return	BCR	Cost	Return	Return	BCR
Oyster mushroom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Button mushroom	-	-	-	-	ı	-	-	-	-	ı	ı	-	-	-	-	-
Vermicompost	-	-	-	-	1	-	-	-	-	1	1	-	-	-	-	-
Sericulture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apiculture	-	-	-	-	ı	-	-	-	-	1	1	-	-	-	-	-
Others (pl.specify)	-	-	-	-	1	-	-	-	-	ı	ı	-	-	_	-	-
	Total															

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

Catalogue	N	NI 6 1	Observat	ions	D 1
Category	Name of technology	No. of demonstrations	Demonstration	Check	Remarks
Farm Women	-	-	-	-	-
Pregnant women	-	-	-	-	-
Adolescent Girl	-	-	-	-	-
Other women	-	-	-	-	-
Children	-	-	-	-	-
Neonatal	-	-	-	-	-
Infants	-	-	-	-	-

KVK MAYURBHANJ-1,ODISHA Farm implements and machinery

Name of the	Crop	Name of the technology	No. of	Are a	Filed observat (output/man ho		% change in major	Labor	reducti	on (man	days)	Cost redu	uction (Rs./	na or Rs.	/Unit)
implement		demonstrated	Farmer	(ha)	Demons ration	Check	parameter								
4 row walk behind rice transplanter	Rice	Mechanized line transplanting of rice	10	2	0.13	0.067	94	5.1	29.8	24.7	82. 8	3954	5970	201	33.7
Tractor drawn seed cum fertilizer drill	Maize	Mechanized line sowing of maize	10	2	0.37	0.028	1221	0.9	23.8	22.9	96. 2	2927	4905	197	40.3
Dal mill	Green gram	Post harvest	10	NA	88	-	-	0.5 7	-	-	-	644	-	-	-
Bullock drawn groundnut digger	Groundnut	Mechanized digging of groundnut	10	2	0.027	0.024	12.5	20. 84	12.1 7	8.67	41. 6	2435	4167	173 2	41.5
Solar Pump	-	Lifting of water by Solar pump	10	1	Discharge (lit/hr)-590 Avg. heart rate-75 Est. Energy Expenditure (kj/min) -11.04		-	-	-	-	-	-	-	-	-
Sunflower Thresher bench	Sunflower	Use of sun flower thresher for threshing of sunflower	10	-	Out put (Kg/hr)-11.1 Avg. heart rate-77 Est. Energy Expenditure (kj/min) -19.0	2.9 79 79.4	-	-	-	-	-	-	-	-	-
Groundnut Stripper	Groundnut	Use of Groundnut Stripper for stripping of groundnut	10	-	Out put (Kg/hr)- 11.2 Avg. heart rate-99 Est. Energy Expenditure (kj/min) -37	2.6 105 182.3									

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

** BCR= GROSS RETURN/GROSS COST

Demonstration details on crop hybrids

Cman	Name of the	No. of	Area	Yield (k	g/ha) / major p	parameter		Economics (I	Rs./ha)	
Crop	Hybrid	farmers	(ha)	Demo	Local check	% change	Gross Cost	Gross Return	Net Return	BCR
Cereals	-	-	1	-	-	-	-	-	-	-
Bajra	-	-	ı	-	-	-	-	-	-	-
Maize	-	-	ı	-	-	-	-	-	-	-
Paddy	-	-	ı	-	-	-	-	-	-	-
Sorghum	-	-	ı	-	-	-	-	-	-	-
Wheat	-	-	1	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-	-	-	-
Castor	-	-	ı	-	-	-	-	-	-	-
Mustard	-	-	ı	-	-	-	-	-	-	-
Safflower	-	-	1	-	-	-	-	-	-	-
Sesame	-	-	ı	-	-	-	-	-	-	-
Sunflower	-	-	ı	-	-	-	-	-	-	-
Groundnut	-	-	ı	-	-	-	-	-	-	-
Soybean	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	1	-	-	-	-	-	-	-
Total	-	-	1	-	-	-	-	-	-	-
Pulses	-	-	ı	-	-	-	-	-	-	-
Greengram	-	-	ı	-	-	-	-	-	-	-
Blackgram	-	-	ı	-	-	-	-	-	-	-
Bengalgram	-	-	-	-	-	-	-	-	-	-
Redgram	-	-	ı	-	-	-	-	-	-	-
Others (pl.specify)	-	-	ı	-	-	-	-	-	-	-
Total	-	-	ı	-	-	-	-	-	-	-
Vegetable crops	-	-	ı	-	-	-	-	-	-	-
Bottle gourd	-	-	ı	-	-	-	-	-	-	-
Capsicum	-	-	-	-	-	-	-	-	-	-

Cucumber	-	-	-	-	-	-	-	-	-	-
Tomato	-	-	-	-	-	-	-	-	-	-
Brinjal	-	-	-	-	-	-	-	-	-	-
Okra	-	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-	-
Potato	-	-	-	-	-	-	-	-	-	-
Field bean	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Commercial crops	-	-	-	-	-	-	-	-	-	-
Cotton	-	-	-	-	-	-	-	-	-	-
Coconut	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Fodder crops	-	-	-	-	-	-	-	-	-	-
Napier (Fodder)	-	-	-	-	-	-	-	-	-	-
Maize (Fodder)	-	-	-	-	-	-	-	-	-	-
Sorghum (Fodder)	-	-	-	-	-	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
_	-	-

Extension and Training activities under FLD

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

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

A. Technical Parameters:

Sl.	Crop	Existin	Existi	Yield	gap (Kg/ha)	Name of	Num	Ar		d obta		Y	ield g	ap
N	demonstr	g	ng		w.r.to)	Variety +	ber	ea		(q/ha)		m	inimiz	ed
0.	ated	(Farme	yield	Distr	Sta	Potent	Technology	of	in					(%)	
		r's)	(q/ha)	ict	te	ial	demonstrated	farm	ha	Ma	Mi	Av	D	S	P
		variety		yield	yie	yield		ers		x.	n.				
		name		(D)	ld	(P)									
					(S)										
1.	Ground nut	TMV- 32	10.9	16.0	37. 2	91	Varietal change ICGV 91114 (DEVI), Line sowing by seed cum fertilizer drill, recommended dose of fertilizer, seed treatment, Use of micronutrient	42	30	17. 4	14. 3	16. 0	47	31 87	56
2.	Green	Local	*1.5	3.15	3.3	5.8	• Variety, IPM	125	50	4.6	1.1	*2.	44.	41.	24.
2.	gram	Kala Jhain Muga	1.3	3.13	5	3.0	2-14 • Seed treatment • Line sowing • Post emergence weedicide • INM,IPM,ST BFR	123	30	4.0	1.1	9	44.	8	1
3.	Groundn ut	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.	Variety demonstrated &	F	Farmer's Exi	sting plot			Demonstr	ration plot	
No.	Technology								
	demonstrated	Gross	Gross	Net	B:C	Gross	Gross	Net	B:C
		Cost	return	Return	ratio	Cost	return	Return	ratio
		(Rs/ha)	(Rs/ha)	(Rs/ha)		(Rs/ha)	(Rs/ha)	(Rs/ha)	
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.	Crop and	Total	Produce sold	Selling	Produce	Produce	Purpose for	Employment
No	variety	Produce	(Kg/household)	Rate	used for ow	distributed	which income	Generated
.	Demonstrated	Obtained		(Rs/Kg)	sowing (Kg	to other	gained was	(Mandays/ho
		(kg)				farmers (Kg)	utilized	use hold)
1.	Groundnut	48160	778	30	15000	450	Asset	02
	ICGV 91114						development	
	(DEVI)							
2.	Green gram	14500	Nil	NA	NA	NA	NA	02
	(IPM 2-14)							

D. Oilseed Farmers' perception of the intervention demonstrated

Sl.	Technologies			Farmers' I	Perception	n parameters	
No.	demonstrated (with name)	Suitability to their farming system	Likings (Prefer ence)	Afforda bility	Any negati ve effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improv ement, 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.	Technologies			Farmers' l	Perception	parameters	
No.	demonstrated (with name)	Suitability to their farming system	Likings (Prefer ence)	Afforda bility	Any negati ve effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improv ement, 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	Farmers
		Technology vis-a	Feedback
		vis Local Check	
High-yielding	Good yield	Yield enhancement	Satisfied
• Matures in 90-95 days in the kharif (rainy season)	comparison to	due to technology –	with the
Tolerant of mid-season and end-of-season	local variety	47%	variety due to
drought			higher yield
• Average shelling turnover 75%			
• Oil content 48%, protein content 27%			
Better digestibility and palatability of haulms			
High-yielding	Good yield	Yield enhancement	Satisfied
 MYMV and leaf crinkle resistant 	comparison to	due to	with the
Large seed	local variety	technology – 93%	variety
Suitable for summer			due to higher
Matures in 62-70 days			yield
Tolerant of mid-season and end-of-season			
drought			

F. Extension activities under FLD conducted:

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

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



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



J. Details of budget utilization

Crop	Items	Budget	Budget	Balance
(provide crop wise		Received	Utilization	(Rs.)
information)		(Rs.)	(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	
	Total	255100	233523	21577

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

a	. Cro				arii-Zi												
Name	Father	Villag		Mobil e No.	Emai	GPS Coordinates		Soil	Reco	Brief	Variet	Seed		Den Yie		Yiel	% :
of farmer	'snam e	e	k	e No.			imates IMSS	testing done	mmen dation	tech nolo	У	quan tity		1 ie. (q/h		d of local	inc rea
laminer							nat)	(Yes/N	S	gy		used	· '	(4/11	a)	chec	se
						Latitu	Long	0)	based	inter		(q)	Н	L	Α	k	
						de	itude		on	venti						q/ha	
									soil	on							
									test								
D .	171 '	D 1	TT 1	7504		21024	0.602	37	value	3 7	-	1.0	1	1	1	10	<i>-</i> 1
Rajen dra	Khira	Bahu band	Uda la	7504 9248		21°34 ′48.7	86°3 2′1.2	Y	20:7 0:70	Var ietal	Grou ndnut	1.2	1 6	1 3	1 5	10. 2	51
Senap		h	la	71		6"N	2"E		0.70	cha	Hanut		0	3)	2	.0
ati		11		/ 1		0 1				nge	, DEVI		9	9	4		
										6-	22.1						
Jayant	Jalan	Bahu	Uda	7751		21°34	86°3	Y	20:7	Var	Grou	1.2	1	1	1	10.	51
i	dhara	band	la	8002		′48.3	2′1.6		0:70	ietal	ndnut		7	5	6	6	.9
Senap		h		01		8"N	7" E			cha	,						
ati	D1	D . 1	TIJ.	0020		21024	0.002	Y	20.7	nge	DEVI	1.0	2	1	1	11	40
Cham pa	Bagal	Bahu band	Uda la	9938 5643		21°34 ′48.0	86°3 2′2.2	Y	20:7 0:70	Var ietal	Grou ndnut	1.2	1 7	1 3	1 5	11. 2	40 .2
Tudu		h	1a	14		1"N	7" E		0.70	cha			'))	2	.2
Tudu		"		1.		1 11	, L			nge	, DEVI		8	6	7		
Madh	Basu	Bahu	Uda	9853		21°34	86°3	Y	20:7	Var	Grou	1.2	1	1	1	10.	67
usuda	dev	band	la	7152		′47.6	2′2.7		0:70	ietal	ndnut		8	6	7	4	.3
n		h		62		4"N	7" E			cha	,						
Dalei										nge	DEVI		4	4	4		
Chakr	Nare	Bahu	Uda	9514		21°34	86°3	Y	20:7	Var	Grou	0.6	1	1	1	10. 5	48
dhara Biswa	ndra	band h	la	1605 13		′47.4 3"N	2′3.4 5" E		0:70	ietal cha	ndnut		6	4	5	3	.6
l		11		13		3 IN				nge	, DEVI		8	4	6		
Bhara	Chak	Bahu	Uda	8457		21°34	86°3	Y	20:7	Var	Grou	1.2	1	1	1	11.	44
ti	radha	band	la	0791		´47.1	2′3.1		0:70	ietal	ndnut		7	5	6	2	.6
Biswa	ra	h		32		6"N	7" E			cha	,						
1										nge	DEVI		1	3	2		
Prade	Netra	Bahu	Uda	8892		21°34	86°3	Y	20:7	Var	Grou	1.2	1	1	1	11.	43
ep	nand	band	la	6196		′47.3	2′2.6		0:70	ietal	ndnut		6	5	6	4	.9
Ku. Beher	a	h		23		5"N	9" E			cha	, DEVI		9	9	4		
a										nge	DE VI		,	9	+		
Sabita	Prade	Bahu	Uda	9658		21°34	86°3	Y	20:7	Var	Grou	0.6	1	1	1	12.	17
Beher	ep	band	la	5318		′47.6	2′1.8		0:70	ietal	ndnut		6	1	4	2	.2
a	Ku.	h		40		6"N	" E			cha	,						
										nge	DEVI		8	8	3		
Nilak	Khira	Bahu	Uda	8908		21°34	86°3	Y	20:7	Var	Grou	1.2	1	1	1	9.6	52
antha		band	la	7303		′47.5	2′0.7		0:70	ietal	ndnut		7	1	4		.1
Senap		h		05		"N	3" E			cha	,						

ati									nge	DEVI		6	6	6		
Nitya	Ratha	Bahu	Uda	7749	21°34	86°3	Y	20:7	Var	Grou	1.2	1	1	1	10.	63
nanda	Ratifa	band	la	9239	′46.5	2'0.8	1	0:70	ietal	ndnut	1.2	7	6	6	2	.7
Beher		h	144	15	9"N	5" E		0.70	cha	,					_	.,
a				10	, 1,				nge	DEVI		2	2	7		
Sange	Achy	Bahu	Uda	7684	21°34	86°3	Y	20:7	Var	Grou	1.2	1	1	1	9.4	78
eta	utana	band	la	0353	′49.2	2′1.1		0:70	ietal	ndnut		7	6	6		.7
Beher	nda	h		19	8"N	9" E			cha	,						
a									nge	DEVI		5	1	8		
Bibek	Laxm	Bahu	Uda	9437	21°34	86°3	Y	20:7	Var	Grou	1.2	1	1	1	9.6	79
anand	idhar	band	la	4436	′49.4	2′2.1		0:70	ietal	ndnut		8	6	7		.2
a	a	h		08	5"N	3" E			cha	,				.		
Beher									nge	DEVI		4		2		
a																
Laxmi	Bhol	Bahu	Uda	7504	21°34	86°3	Y	20:7	Var	Grou	0.6	1	1	1	10.	52
dhara	anath	band	la	1446	′49.1	2′3.0		0:70	ietal	ndnut		7	3	5	2	.0
Beher		h		98	"N	1" E			cha	, DEM						
a	A 1	D 1	7.7.1	7072	21024	0.602	3.7	20.7	nge	DEVI	1.0	2	8	5	10	<i>C</i> 1
Ipsita	Achu	Bahu	Uda	7873	21°34	86°3	Y	20:7	Var	Grou	1.2	1	I	1	10.	61
Beher	ta	band	la	7331	′48.5 7"N	2′3.8		0:70	ietal	ndnut		7	5	6	3	.2
a		h		07	/ IN	" E			cha	DEVI		8	4	6		
Borod	Laxm	Kand	Mo	7894	21°55	86°5	Y	20:5	nge Var	Grou	1.2	1	1	1	10.	75
a	inara	ana	rod	9103	²¹ 33	7′29.	1	0:50	ietal	ndnut	1.2	8	7	8	4	.0
prasan	yan	ana	a	86	5"N	93"		0.50	cha			0	,		7	.0
na	yan		a	80	J 11	E			nge	, DEVI		7	7	2		
Das									lige	DLVI		'	,			
Hima	Laxm	Kand	Mo	9556	21°55	86°5	Y	20:5	Var	Grou	0.6	1	1	1	9.5	71
nsu	inara	ana	rod	5113	′25.1	7′25.	•	0:50	ietal	ndnut	0.0	7	5	6	7.5	.6
Sekha	yan		a	13	88"N	614"		""	cha	,						
r Das	,					Е			nge	DÉVI		3	3	3		
Minak	Rabi	Kand	Mo	9938	21°55	86°5	Y	20:5	Var	Grou	1.2	1	1	1	9.7	72
etan	naray	ana	rod	1125	′24.4	7′24.		0:50	ietal	ndnut		7	5	6		.2
Das	an		a	44	56"N	894"			cha	,				.		
						Е			nge	DEVI		5	9	7		
Harin	Kasin	Kand	Mo	8018	21°55	86°5	Y	20:5	Var	Grou	1.2	1	1	1	10.	50
araya	ath	ana	rod	8026	′23.6	7′25.		0:50	ietal	ndnut		6	3	5	1	.5
n Das			a	10	64"N	422"			cha	, ,						
						Е			nge	DEVI		7	7	2		
Mahe	Lalm	Kand	Mo	9938	21°55	86°5	Y	20:5	Var	Grou	1.2	1	1	1	9.5	75
ndran	ohan	ana	rod	3545	′22.7	7′24.		0:50	ietal	ndnut		7	6	6		.8
ath Si			a	84	52"N	222"			cha	, DEVI				.		
Canal	Hadi	Kand	Mo	7064	21°55	E 86°5	Y	20:5	nge	DEVI	1.2	2	2	7	10	65
Gopal			IVIO	/004			ĭ	I	Var	Grou	1.2	1	1	1 7	10. 7	65 .4
				9051				0.50						. / 1	/	.4
Cĥ.	band	ana	rod	8051	′23.1	7′23.		0:50	ietal	ndnut		8	7	' '	,	
				8051 83	723.1 78"N	004"		0:50	cha	,					,	
Ch. Deo	band hu	ana	rod a	83	78"N	004" E	V		cha nge	, DEVI	1.2	2	. 2	7	·	
Ch. Deo	band hu Suren	ana Kand	rod a Mo	9668	78"N 21°55	004" E 86°5	Y	20:5	cha nge Var	, DEVI Grou	1.2	2	2	7	11.	45
Ch. Deo	band hu	ana	rod a Mo rod	9668 8388	78"N 21°55 ′21.6	004" E 86°5 7'23.	Y		cha nge Var ietal	, DEVI	1.2	2	. 2	7	·	
Ch. Deo	band hu Suren	ana Kand	rod a Mo	9668	78"N 21°55	004" E 86°5 7'23. 928"	Y	20:5	cha nge Var ietal cha	Grou ndnut	1.2	2 1 6	2 1 5	7 1 6	11.	45
Ch. Deo Dusm anta Pandit	band hu Suren dra	Kand ana	rod a Mo rod a	9668 8388 51	78"N 21°55 ′21.6 48"N	004" E 86°5 7'23. 928" E		20:5 0:50	cha nge Var ietal cha nge	, DEVI Grou ndnut , DEVI		2 1 6	2 1 5	7 1 6	11.	45 .9
Ch. Deo Dusm anta Pandit	band hu Suren dra	Kand ana	rod a Mo rod a	9668 8388 51	78"N 21°55 '21.6 48"N 21°55	004" E 86°5 7'23. 928" E 86°5	Y	20:5 0:50	cha nge Var ietal cha nge Var	, DEVI Grou ndnut , DEVI Grou	0.6	2 1 6	2 1 5 7	7 1 6 2	11.	45 .9
Ch. Deo Dusm anta Pandit Mano gobin	band hu Suren dra	Kand ana	Mo rod a Mo rod	9668 8388 51 9437 3645	78"N 21°55 '21.6 48"N 21°55 '20.7	004" E 86°5 7'23. 928" E 86°5 7'24.		20:5 0:50	cha nge Var ietal cha nge Var ietal	DEVI Grou ndnut , DEVI Grou ndnut		2 1 6 7	2 1 5	7 1 6	11. 1	45 .9
Ch. Deo Dusm anta Pandit Mano gobin da	band hu Suren dra	Kand ana	rod a Mo rod a	9668 8388 51	78"N 21°55 '21.6 48"N 21°55	004" E 86°5 7'23. 928" E 86°5 7'24. 81"		20:5 0:50	cha nge Var ietal cha nge Var ietal cha	DEVI Grou ndnut , DEVI Grou ndnut , ,		2 1 6 7	2 1 5 7 1 2	7 1 6 2	11. 1	45 .9
Ch. Deo Dusm anta Pandit Mano gobin	band hu Suren dra	Kand ana	Mo rod a Mo rod	9668 8388 51 9437 3645	78"N 21°55 '21.6 48"N 21°55 '20.7	004" E 86°5 7'23. 928" E 86°5 7'24.		20:5 0:50	cha nge Var ietal cha nge Var ietal	DEVI Grou ndnut , DEVI Grou ndnut		2 1 6 7	2 1 5 7	7 1 6 2	11. 1	45 .9
Ch. Deo Dusm anta Pandit Mano gobin da Pandit Kalic	Suren dra Suren dra	Kand ana Kand ana	Mo rod a Mo rod a	9668 8388 51 9437 3645 95	78"N 21°55 '21.6 48"N 21°55 '20.7 96"N	004" E 86°5 7'23. 928" E 86°5 7'24. 81" E	Y	20:5 0:50 20:5 0:50	cha nge Var ietal cha nge Var ietal cha nge	DEVI Grou ndnut , DEVI Grou ndnut , DEVI Grou ndnut , DEVI	0.6	2 1 6 7	2 1 5 7 1 2	7 1 6 2 1 4	11. 1 10. 5	39 .0
Ch. Deo Dusm anta Pandit Mano gobin da Pandit	Suren dra Suren dra	Kand ana Kand ana	Mo rod a Mo rod a Mo	9668 8388 51 9437 3645 95	78"N 21°55 '21.6 48"N 21°55 '20.7 96"N 21°55	004" E 86°5 7'23. 928" E 86°5 7'24. 81" E	Y	20:5 0:50 20:5 0:50	cha nge Var ietal cha nge Var ietal cha nge Var	DEVI Grou ndnut , DEVI Grou ndnut , DEVI Grou ndnut , DEVI Grou	0.6	2 1 6 7	. 2 1 5 . 7 1 2 . 2	7 1 6 2 1 4 6	11. 1 10. 5	45 .9 39 .0
Dusm anta Pandit Mano gobin da Pandit Kalic haran	Suren dra Suren dra	Kand ana Kand ana	Mo rod a Mo rod a Mo rod	9668 8388 51 9437 3645 95 8895 7841	78"N 21°55 '21.6 48"N 21°55 '20.7 96"N 21°55 '19.9	004" E 86°5 7'23. 928" E 86°5 7'24. 81" E 86°5 7'24.	Y	20:5 0:50 20:5 0:50	cha nge Var ietal cha nge Var ietal cha nge Var	DEVI Grou ndnut , DEVI Grou ndnut , DEVI Grou ndnut , DEVI Grou	0.6	2 1 6 7	. 2 1 5 . 7 1 2 . 2	7 1 6 2 1 4 6	11. 1 10. 5	45 .9 39 .0

ar Si	dram	ana	rod	6447	17.7	7′25.		0:50	ietal	ndnut		8	5	6		.8
	ohan		a	30	48"N	8" E			cha	,				١.		
									nge	DEVI		1	1	6		
Biran	Dulh	Kand	Mo	7894	21°55	86°5	Y	20:5	Var	Grou	0.6	1	1	1	9.4	6
chi	a	ana	rod	1774	′18.6	7′26.		0:50	ietal	ndnut		7	4	5		.1
Raj	-		a	11	9"N	76"		0.00	cha	11011010						•
raj				11	7 11	E			nge	DEVI		5	1	8		
Aiorz	Kaila	Kand	Mo	7978	21°55	86°5	Y	20:5	Var	Grou	1.2	1	1	1	9.9	49
Ajay						7′27.	1	0:50			1.2	7	l		9.9	4.
Patra	sh	ana	rod	7550	′20.5			0:30	ietal	ndnut		/	2	4		••
			a	95	92"N	894"			cha	,				:		
						Е			nge	DEVI		6		8		
Suren	Rama	Kand	Mo	7750	21°55	86°5	Y	20:5	Var	Grou	1.2	1	1	1	11.	4
dra	Chan	ana	rod	9927	′22.5	7′27.		0:50	ietal	ndnut		8	5	7	5	
Dhal	dra		a	23	3"N	066"			cha	,				١.		
						Е			nge	DEVI		3	9	1		
Subas	Baik	Kand	Mo	8249	21°55	86°5	Y	20:5	Var	Grou	0.6	1	1	1	11.	4:
ini	untha	ana	rod	8894	′23.1	7′28.		0:50	ietal	ndnut		7	5	6	2	.4
Patra			a	34	06"N	896"			cha	_		١.	١.	١.		
					"	E			nge	DEVI		5	1	3		
Naren	Samr	Kand	Mo	7873	21°55	86°5	Y	20:5	Var	Grou	1.2	1	1	1	9.8	62
Maran	ai		rod	5959	23.8	7′29.	1	0:50	ietal	ndnut	1.2	7	4	5	7.0	.2
	aı	ana						0.50		nanut		'	4)		•-4
di			a	61	74"N	153"			cha	, DEM				;		
	- ·	~1			21017	Е		20.1	nge	DEVI		2	6	9		<u> </u>
Jagan	Budh	Ghus	Bad	-	21°45	86°4	Y	20:4	Var	Grou	1.2	1	1	1	11.	4
nath	uram	uria	asa		′50.1	6′58.		0:40	ietal	ndnut		7	4	5	1	.4
Singh			hi		42"N	914"			cha	,				١.		
						Е			nge	DEVI		4		7		
Rabin	Budh	Ghus	Bad	-	21°45	86°4	Y	20:4	Var	Grou	1.2	1	1	1	11.	2
dra	u	uria	asa		′51.3	6′59.		0:40	ietal	ndnut		6	1	3	4	.9
Singh			hi		54"N	148"			cha			١.	١.	١.		
υ						Е			nge	DÉVI		2	6	9		
Rajen	Kanh	Ghus	Bad	_	21°45	86°4	Y	20:4	Var	Grou	0.6	1	1	1	13.	20
dra	ei	uria	asa		753.3	6′57.	•	0:40	ietal	ndnut	0.0	7	5	6	6	.6
	CI	urra	hi		64"N	63"		0.40	cha	Hanat		′		0	0	
Singh			1111		04 N					DEVI		8		4		
D '1	C 1	CI	D 1		21045	E 9604	37	20.4	nge	DEVI	1.0		1	_	10	2.
Baiku	Sadas	Ghus	Bad	-	21°45	86°4	Y	20:4	Var	Grou	1.2	1	1	1	12.	3.
ntha	iba	uria	asa		′52.4	6′57.		0:40	ietal	ndnut		7	5	6	5	.6
Singh			hi		04"N	174"			cha	,				١.		
						Е			nge	DEVI		6	8	7		
Bana	Kank	Ghus	Bad	-	21°45	86°4	Y	20:4	Var	Grou	1.2	1	1	1	11.	32
mali	a	uria	asa		′50.1	6′56.		0:40	ietal	ndnut		6	4	5	9	.8
Singh			hi		"N	886"			cha				١.	١.		
8						E			nge	DÉVI		9	7	8		
Sadasi	Saiba	Ghus	Bad	_	21°45	86°4	Y	20:4	Var	Grou	1.2	1	1	1	10.	5
ba	Suiou	uria	asa		49.0	6′56.	•	0:40	ietal	ndnut	1.2	7	4	6	8	.(
Singh		urra	hi		68"N	754"		0.40	cha	Hanat		′	"	0	0	٠. ١
Siligii			111		00 1					DEVI		5	9	2		
T .	3.7	CI	D 1		21045	E 0604	3.7	20.4	nge	DEVI	1.0				0.4	
Lanja	Mang	Ghus	Bad	-	21°45	86°4	Y	20:4	Var	Grou	1.2	1	1	1	9.4	7
Singh	al	uria	asa		′49.6	6′58.		0:40	ietal	ndnut		7	5	6		
			hi		44"N	434"			cha	,				١.		
						Е			nge	DEVI		5	9	7		
Suban	Saya	Ghus	Bad	-	21°45	86°4	Y	20:4	Var	Grou	1.2	1	1	1	10.	5
i	m	uria	asa		′49.3	6′57.		0:40	ietal	ndnut		8	4	6	8	
Singh			hi		8"N	594"			cha	١,				١.		
<i>6</i>						E			nge	DEVI		1	7	4		
Shya	Gora	Ghus	Bad	_	21°45	86°4	Y	20:4	Var	Grou	1.2	1	1	1	9.6	5
-	Gula	uria			48.8	6′56.	1	0:40	ietal	ndnut	1.2	7	1	4	7.0	
msun		urla	asa					0.40		Hallut		'	1	+		
dar			hi		88"N	838"			cha	, DEM			· .	:		
Singh						Е			nge	DEVI		3	5	4		1
Krush	Lach	Ghus	Bad	-	21°45	86°4	Y	20:4	Var	Grou	1.2	1	1	1	11.	4
na Ch.	hman	uria	asa	1	′47.6	6′56.		0:40	ietal	ndnut		7	5	6	7	

Singh			hi		7"N	568"			cha	,						
						E			nge	DEVI		5	7	6		
Umak	Barju	Ghus	Bad	-	21°45	86°4	Y	20:4	Var	Grou	1.2	1	1	1	12.	22
anta		uria	asa		′47.6	6′56.		0:40	ietal	ndnut		7	4	5	8	.7
barik			hi		16"N	508"			cha	,						
						Е			nge	DEVI		3	1	7		
Basan	Harih	Ghus	Bad	9861	21°45	86°4	Y	20:4	Var	Grou	1.2	1	1	1	9.8	45
ta	ara	uria	asa	3816	′52.6	6′59.		0:40	ietal	ndnut		6	2	4		.9
Barik			hi	85	26"N	076"			cha	,						
						E			nge	DEVI		5	1	3		
Debad	Suba	Ghus	Bad	9861	21°45	86°4	Y	20:4	Var	Grou	1.2	1	1	1	12.	21
atta	sh	uria	asa	5735	′45.3	7′2.0		0:40	ietal	ndnut		7	3	5	8	.1
Moha	Ch.		hi	32	7"N	2" E			cha	,						
patra									nge	DEVI		1	9	5		

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

υ.				ını (Sui													
Name	Father	Villa	Blo	Mobil	Em		PS	Soil	Reco	Brief	Variet			emc)		Yiel	%
of	'snam	ge	ck	e No.	ail		linates	testi	mmen	techno	У	quan	Yiel	ld (q	/ha)	d of	
farmer	e				ID		MSS	ng	dation	logy		tity				local	in
						fori	nat)	done	s	interv		used				chec	cr
								(Yes	based	ention		(q)				k	e
								/No)	on soil							q/ha	a
									test								S
						T adid	T		value				Н	т	Α.		e
						Latit ude	Lon						п	L	A		
						ude	gitu de										
Baluk	Jogen	Rang	Sha	9776		21°5	86°3	Y	20:40:	Seed	Gree	0.08	0	0	0	0	0
eswar	dra	amati	mak	2179		5′52	8′28		20	treatm	n						
Singh		a	hunt	33		.08"	.58"			ent,	gra						
			a			N	Е			Line	m,						
Saiban	Sama	Rang	Sha			21°5	86°3			sowin	IPM	0.08	0	0	0	0	0
i		amati	mak			5′51	8′24			g, Post	2-14						
Singh		a	hunt			.29"	.97" E			emerg							
T. 1		D	a			N 21°5				ence weedi		0.08	0	0	0	0	0
Triban Singh	Jena	Rang amati	Sha mak			5′51	86°3 8′26			cide,		0.08	0	U	0	0	0
Siligii		aman	hunt			.95"	.18"			INM,							
		a	a			.93 N	E .10			IPM,							
Budhu	Chada	Rang	Sha			21°5	86°3	ł		STBF		0.08	0	0	0	0	0
ram	Chada	amati	mak			5′51	8′28			R		0.00					
Singh		a	hunt			.98"	.55"										
Č			a			N	E										
Shyam	Daitari	Rang	Sha	9437		21°5	86°3					0.08	0	0	0	0	0
sundar		amati	mak	6206		5′56	8′25										
Singh		a	hunt	50		.01"	.02"										
			a			N	Е										
Baluk	Padma	Rang	Sha			21°5	86°3					0.08	0	0	0	0	0
eswar	lochan	amati	mak			5′54	8′24										
Singh		a	hunt			.30"	.39"										
D 1:1	T'. 1	D	a			N	E 0.602					0.00	0	_	0	0	0
Rahid	Jituba	Rang	Sha			21°5 5′55	86°3 8′25					0.08	0	0	0	0	0
as Singh	han	amati a	mak hunt			.95"	.12"										
Siligii		a	a			.93 N	E .12										
Padma	Gajen	Rang	Sha			21°5	86°3					0.08	0	0	0	0	0
lochan	dranat	amati	mak			5′53	8′28					0.00	"				"
Singh	h	a	hunt			.07"	.67"										
2			a			N	E										
Gajen	Rahid	Rang	Sha	9439		21°5	86°3	1				0.08	0	0	0	0	0
dranat	as	amati	mak	8677		5′56	8′24										
h		a	hunt	93		.05"	.92"										
Singh			a			N	Е										
Subasi	Shyam	Rang	Sha			21°5	86°3					0.08	0	0	0	0	0
ni	sundar	amati	mak			5′52	8′22										
Singh		a	hunt			.74"	.69"										

			a			N	Е								Т
Dlaslat	Dulan	Dana					86°3			0.08	0	0	0	0	
Bhakt a	Dubu	Rang amati	Sha mak			21°5 5′51	8'29			0.08	0	"	U	U	
Singh		aman	hunt			.07"	.10"								
Siligii		а	a			N.O7	E								
Vima	Dubu	Rang	Sha			21°5	86°3			0.08	0	0	0	0	t
Singh	2 40 4	amati	mak			5′48	8′29			0.00			Ü	Ů	
-		a	hunt			.97"	.04"								
			a			N	Е								
Bhala	Dubu	Rang	Sha			21°5	86°3			0.08	0	0	0	0	Ī
Singh		amati	mak			5′48	8′28								
_		a	hunt			.58"	.20"								
			a			N	Е								
Kandr	Bhima	Rang	Sha			21°5	86°3			0.08	0	0	0	0	
a		amati	mak			5′47	8′28								
Singh		a	hunt			.99"	.07"								
			a			N	Е								1
Maga	Budhu	Rang	Sha	9777		21°5	86°3			0.08	0	0	0	0	
Bindh		amati	mak	8842		5′48	8′27								
ani		a	hunt	31		.59"	.62"								
C1 1		D	a			N	E 0.602			0.00	0		0	0	+
Shukn	Maga	Rang	Sha			21°5 5′50	86°3 8′26			0.08	0	0	0	0	
u Bindh		amati a	mak hunt			.00"	.88 "								
ani		а	a			.00 N	.00 E								
Sumit	Ruhya	Rang	Sha			21°5	86°3			0.08	0	0	0	0	$^{+}$
a	Kunya	amati	mak			5′53	8′24			0.08	0	"	U	U	
Bindh		a	hunt			.23"	.39"								
ani		а	a			.23 N	E								
Samba		Rang	Sha			21°5	86°3			0.08	0	0	0	0	$^{+}$
ri		amati	mak			5′49	8′27			0.08	0	"	U	U	
Singh		a	hunt			.11"	.16"								
Jingii			a			N	E								
Mali	Dhum	Rang	Sha			21°5	86°3			0.08	0	0	0	0	Ť
Bindh	a	amati	mak			5′49	8′25						-		
ani		a	hunt			.79"	.97"								
			a			N	Е								
Dukha	Suna	Rang	Sha			21°5	86°3			0.08	0	0	0	0	
n		amati	mak			5′51	8′25								
Singh		a	hunt			.12"	.66"								
			a			N	Е								
Parbat	Sibana	Rang	Sha			21°5	86°3			0.08	0	0	0	0	
i	th	amati	mak			5′50	8′25								
Singh		a	hunt			.55"	.79"								
_	- 4	_	a			N	Е								+
Soman	Budhu	Rang	Sha			21°5	86°3			0.08	0	0	0	0	
ath	ram	amati	mak			5′50	8′24								
Singh		a	hunt			.26"	.98"								
V munit	Gola	Rang	a Sha			N 21°5	E 86°3			0.08	0	0	0	0	+
Krush na	Goia		mak			5′51	8′24			0.08	0	"	U	U	
Chand		amati a	hunt			.26"	.04"								
ra		а	a			.20 N	E .04								
Singh			a			11	1								
Gura	Bhima	Rang	Sha			21°5	86°3			0.08	0	0	0	0	+
Barik	Dimina	amati	mak			5′51	8′24			0.00	"		5		
		a	hunt			.86"	.32"								
			a			N	E								
Ram	Golak	Rang	Sha	9668		21°5	86°3			0.08	0	0	0	0	†
Prasad	anath	amati	mak	7426		5′51	8'23						-		
Singh		a	hunt	10		.64"	.96"								
ا ۲			a			N	E								
Prasan		Kanc	Ban	8280		22°	86°			0.08	3.	1	3.	1.5	Ť
ta Ku.		hhind	giri	1935		5'	27'				7	١. ا	4		
		a	posi	93		20.9	7.56'					5			
Giri				il .	I			ĺ	1		I	i l		1	1
Giri Deben		Kanc		8658		0''N 22°	'E 86°			0.08	3.		3.	1.5	Ţ

dranat	hhind	giri	9642	5'	27'			7	.	7	
h Naik	a	posi	35	23.2	11.5				5		
		_		0"N	2"E						
Gurub	Kanc	Ban	9438	22°	86°		0.0	3 3.	1	2.	1.
a	hhind	giri	7106	5'	27'		0.0	7	1 1	8	1.
Soren		_	50	23.4	10.7			'	5	O	
Soren	a	posi	30						3		
				2"N	6"E					_	
Satrug	Kanc	Ban		22°	86°		0.0		1	3.	1.
hna	hhind	giri		5'	27'			7	.	1	
Mahak	a	posi		20.9	9.00'				5		
ud		1		7"N	' E						
Santos	Kanc	Ban	8280	22°	86°		0.0	3 3.	1	3.	1
h ku.	hhind	giri	4470	5'	27'		0.0	7		6	*
			96	23.9	9.50'			'	5	U	
Nanda	a	posi	96						3		
		_		6"N	'E				1		
Jaduna	Kanc	Ban		22°	86°		0.03		1	2.	1
th	hhind	giri		5'	27'			7	.	5	
Tudu	a	posi		22.9	8.24'				5		
		1		5"N	'E						
Kastur	Kanc	Ban		22°	86°		0.0	3 3.	1	2.	1
a	hhind	giri		5'	27'		0.0	7	1 1	9	1
								'	5	7	
Majhi	a	posi		22.2	7.84'				2		
				0"N	'E				\sqcup		
Chhot	Kanc	Ban		22°	86°		0.0	3 3.	1	3.	1
aray	hhind	giri		5'	27'			7	.	1	
Soren	a	posi		21.1	7.66'				5		
		1		9"N	'E						
Suru	Kanc	Ban		22°	86°		0.0	3 3.	1	3.	1
I							0.0		1 1		1
Murm	hhind	giri		5'	27'			7	:	2	
u	a	posi		20.8	7.23'				5		
				6"N	'E						
Rabin	Kanc	Ban		22°	86°		0.0	3 3.	1	2.	1
dra	hhind	giri		5'	27'			7	.	5	
Naik	a	posi		19.9	6.62'				5		
		F		6"N	'E						
Susil	Kanc	Ban		22°	86°		0.0	3 3.	1	2.	1
				5'	27'		0.0	7	1 1	3	1
Ku.	hhind	giri						'	:	3	
Naik	a	posi		19.4	5.47'				5		
				2"N	'E						
Danar	Kanc	Ban		22°	86°		0.0	3 3.	1	3.	1
dan	hhind	giri		5'	27'			7	.	4	
Giri	a	posi		23.2	6.66'				5		
		F		6"N	'E						
Shiba	Kanc	Ban		22°	86°		0.0	3 3.	1	3.	1
Shank	hhind				27'		0.0	7	1	5. 6	1
		giri		5'				'	;	U	
ar Giri	a	posi		17.1	7.99'				5		
				6"N	'E				Ш		
Sanjib	Kanc	Ban		22°	86°		0.0	3 3.	1	2.	1
kumar	hhind	giri		5'	27'			7	.	3	
Giri	a	posi		18.3	8.35'				5		
	1 "	•		8"N	'E						
Jyotira	Kanc	Ban		22°	86°		0.0	3 3.	1	2.	1
				5'	27'		0.0	3.	1	2. 7	1
najn	hhind	giri						'	;	/	
Giri	a	posi		19.3	8.92'				5		
				2"N	'E						
Harisa	Kanc	Ban	Ι Τ	22°	86°		0.0	3 3.	1	1.	1
nkar	hhind	giri		5'	27'			7	.	8	
Giri	a	posi		20.1	9.50'				5		
	"	F 551		1"N	'E						
Dahir:	17	D					0.0	+-	1	1	1
Rahini	Kanc	Ban		22°	86°		0.0		1	1.	1
sankar	hhind	giri		5'	27'			7	•	5	
Giri	a	posi		21.1	11.3				5		
				9"N	4"E						
Abhira	Kanc	Ban		22°	86°		0.0	3 3.	1	1.	1
	hhind			5'	27'		0.0	7	1	5	'
m Dehuri		giri						/		J	
Dehuri	a	posi		18.6	5.00	1			5		1
2011411				3"N	4"E						

Kaneh	Kanc	Ban		22	0	86°		0.08	3.	1	1.	1.5
i	hhind	giri		5'		27'		1.00	7		9	
Mahak	a	posi		18.		6.08'				5		
ud		1		4"1		'E						
Bharat	Kanc	Ban		22		86°		0.08	3.	1	2.	1.5
Mahak	hhind	giri		5'		27'			7	١. ا	2	
ud	a	posi		19.		6.76'			,	5	_	
		F		0"1		'E						
Maya	Kanc	Ban		22		86°		0.08	3.	1	2.	1.:
Soren	hhind	giri		5'		27'			7	١. ا	5	
	a	posi		19.		7.02'				5		
		1		6''1		'E						
Chand	Kanc	Ban		22		86°		0.08	3.	1	1.	1.:
ra	hhind	giri		5'		27'			7		8	
mohan	a	posi		20.	.0	8.71'				5		
Soren				7"1	N	'E						
Basud	Kanc	Ban		22		86°		0.08	3.	1	3.	1.
ev	hhind	giri		5'		27'			7	.	3	
Tudu	a	posi		20.		8.13'				5		
				9"1		Έ						
Bishik	Kanc	Ban		22		86°		0.08	3.	1	2.	1.
esan	hhind	giri		5'		27'			7	.	8	
Giri	a	posi		21.		11.9				5		
				8"1		5"E						
Pratap	Kanc	Ban		22		86°		0.08	3.	1	3.	1.
Mahak	hhind	giri		5'		27'			7		5	
ud	a	posi		21.		9.54'				5		
		41		2"1		'E						
Khage	Ratha	Kuli	9777	22°		86°4		0.08	4.	1	3.	1.
swar	sole	ana	0949	′12		5′34			2		3	
Moha			83	24		.01"				9		
nta		77 11	2050	N		E		0.00			_	
Minati	Ratha	Kuli	9078	22°		86°4		0.08	4.	1	2.	1.
Moha	sole	ana	8104	′11		5′35			2		8	
nta			28	72		.99"				9		
Cultura	D a 41- a	V1:	0669	N		E 9694		0.08	1	1	2	1.
Subas	Ratha	Kuli	9668	22°		86°4 5′33		0.08	4.	1	3. 7	1.
Ch.	sole	ana	0041	′11					4	9	/	
Moha			68	58' N		.70" E				9		
nta Tulasi	D = 41= =	Kuli	9583	22°		86°4		0.08	1	1	2	1.
	Ratha	l I	2527	10		5′34		0.08	4. 2	1	3. 8	1.
Moha nta	sole	ana	95	13		.12"			4	9	0	
iita			93	N		E						
Naren	Ratha	Kuli	9583	22°		86°4		0.08	4.	1	4.	1.
dra	sole	ana	5921	11	۱ ا	5′33		0.08	2	1	1	1.
Moha	Sole	ana	25	94		.80"			4	9	1	
nta			23	N		.00 E				_		
Ganes	Ratha	Kuli	9178	22°		86°4		0.08	4.	1	3.	1.
war	sole	ana	5910	22.		5′37		0.00	2	•	3.	1.
Moha	3010	3114	20	1"1		.40"			~	9	٥	
nta					.	E						
Chhut	Ratha	Kuli	9556	22°	5	86°4		0.08	4.	1	3.	1.
u	sole	ana	9479	12		5′36		0.00	2		6	
Moha			32	12		.87"			_	9		
nta				N		E						
Laxmi	Ratha	Kuli	8280	22°		86°4		0.08	4.	1	2.	1.
priya	sole	ana	3254	11		5′34			2		5	
Moha			25	18		.41"				9	-	
nta			-	N		Е						
Gajen	Ratha	Kuli	9437	22°		86°4		0.08	4.	1	2.	1.
dranat	sole	ana	4565	11		5′35		0.00	2	.	9	
h	55.2		01	70		.28"			_	9		
Moha			Ÿ.	N		.20 E						
nta				'								
Biswa	Ratha	Kuli	9437	22°	°5	86°4	İ	0.08	4.	1	2.	1.
ranaja	sole	ana	4137	11		5′33			2		5	
ianaja j						0 00						

Moha																	
	1						N	Е									
A			D 4	77 11			2205	0.604				0.00	4	1	2	1.5	
Mohab												0.08				1.5	
Barna maii			Sole	ana									2		1		
Banat Ratha Sole 1																1 1	
Malara Sole		Ratha	Kuli					1			0.08	4.	1	3.	1.5	_	
Moha Sole												0.00				1.0	
Dillip Noba								.62"									
Moha Ratha Kuli S25 Re54							N	Е									3
Table Sarath Salah Sal				Kuli								0.08		1		1.5	
No.		sole	ana									2		7			
Sarath Salah Sole Sole	nta													9			
Solidard 0 1		D .1	77 11								0.00	4	1	2	1.5		
Moha Nath												0.08				1.5	
Intra			sole	ana									2		6		
	1													9			3
Swen Bhali Kuli			Patha	Kuli					-			0.08	1	1	3	1.5	1
Moha nta Raman R												0.08				1.5	
N			3010	una									_	9	'		
Swen Marnd atilo ana							N	E									
Marnd			Bhali	Kuli								0.08	4.	1	2.	1.5	
Sida Supai Balai Kuli Supai Balai Supai Supai Balai Supai Supai Balai Supai																	
Mahes war War Moha atilo war Moha and hotal atilo war Moha nha hotal atilo war Moha nha hotal																	
Warn Moha																	
Motha mta mt	Mahes			Kuli								0.08		1		1.5	
Name			atilo	ana				5′5.					2		9		
Salaha Baset Bhali Kuli 9583 22°4 86°4 75 71 N E 16 62° 71° N E 16 71° N E 16 71° N E 16 71° N E 16 71° N N E 16 71° 1													9			7	
Murm		_															
Murm U		Baset										0.08		1		1.5	
N			atılo	ana									2		6		
Anil Baila Bhali Kuli ana	1				16									9			
Ku Murm Mu		Doile	Dholi	Vuli					-			0.08	1	1	2	1.5	
Murm u Bhali Kuli atilo ana Atilo ana Bhali Atilo ana		Dalla										0.08				1.5	
Nasan Sumai Bhali Kuli 22°4 86°4 22°4 86°4 22°4 86°4 22°4 86°4 22°4 86°4 22°4 86°4 22°4 86°4 22°5 86°4			atilo	ana				80"					~		3		
Masan Sumai Bhali atilo ana Sign Supai Bhali atilo ana Sida							0 11										
Supai Bhali Aurillo	Sumai	Bhali	Kuli			22°4		1			0.08	4.	1	4.	1.5	_	
Murm u																	
Baila murm ur							92"	30"						9			0.
murm ur	u						N	Е									0
Ur		Supai		Kuli								0.08		1		1.5	
Claim Sida Bhali Kuli atilo ana Construction Chara Bhali Atilo ana Construction Chara Construction Chara Construction Chara Construction Construction Chara Construction Con	1		atilo	ana				4′59					2		7		
Comparison	ur				68		3"N							9			
Murm u atilo ana u atilo 6"N 86" 86" E 2 . 4 9 9 4 0.0 Parav Murm Murm u u Makra Bhali atilo ana atilo ana u 22°5 86°4 70.1 5°0. 3"N 88" 2 2 . 3 3 2 2 0.0. 2 0.0 2 . 3 3 1.5 1 2 2 0.0 2 . 3 3 2 2 0.0 Indraji t n atilo ana u u Chara atilo ana atilo ana u 58. 4′58 7 2. 3 0.0 4. 1 3. 1.5 1 0.0 1.5 1 0.0 Murm u u N E 0.08 4. 1 3. 1.5 1 0.0 1.5 1 0.0 1.5 1 0.0 1.5 1 0.0 Sida Murm u u Lal Bhali atilo ana atilo ana 4715 58. 5′2. 49 83" 92" N E 58. 5′2. 2 0.0 2 . 6 0.0 3. 3.0 Upend ranath anan asole and holi bhali ana bhali anan bhali anan asole ana asole an	T 1	G: 1	D1 1	77 11			2205					0.00	4	_	2	1.5	
Parav Makra Bhali Kuli atilo ana Control	1	Sida										0.08				1.5	1 1
Parav Makra Bhali Kuli atilo ana '0.1 5'0. 3"N 88"	1		atiio	ana									2		4		
Parav Makra Bhali atilo Kuli atilo 22°5 86°4 (0.1 5°0.) 3"N 88" 88" 0.08 4. 1 3. 1.5 1 1 3. 1.5 1 1 2. 3 3 0.0 2 2°1 1 3. 1.5 1 1 3.	u						ON							9			0
Murm u atilo ana u atilo 3"N 88" E 2 . 3 9 0. 2 . 0. Indraji Chara t n atilo ana u Bhali t n atilo ana atilo ana u 22°4 86°4 758. 4′58 07" .86" 99 0. 0.08 4. 1 3. 1.5 1 0. 0.08 4. 1 3. 1.5 1 0. Murm u n u N E N E 0.08 4. 1 2. 1.5 7 0.08 4. 1 2. 1.5 7 Sida Murm atilo ana 4715 atilo ana 4715 y 58. 5′2. 49 86°4 y 0. N E 0.08 4. 1 2. 1.5 7 0.08 4. 1 2. 1.5 1 Upend Panch ranath anan Dhal Khadi suli apa da 69" .28" y 0. N E 0.08 4. 2 4. 1.5 1 0.08 4. 2 4. 1.5 1 Achyu Rasan Khadi Suli Rasan Khadi Suli 22°1 86°4 0.08 4. 2 4. 1.5 2 0.08 4. 2 4. 1.5 2 0.08 4. 2 4. 1.5 2	Paray	Makra	Rhali	Kuli			22°5		1			0.08	4	1	3	1.5	1
u 3"N 88" E Indraji Chara Bhali t n atilo ana 22°4 86°4 (58 4′58 00°7) 0.08 4. 1 3. 1.5 1 00°8 Murm u 07" .86" N E 9 0.08 4. 1 2. 1.5 7 Sida Lal Bhali atilo ana u Kuli atilo ana 4715 (58. 5′2. 49 88³" 92" N E 0.08 4. 1 2. 1.5 7 Upend Panch ranath anan and bhali asole apa da 22°1 86°4 (69" .28" N E 0.08 4. 2 4. 1.5 1 Achyu Rasan Khadi Suli 22°1 86°4 Achyu Rasan Khadi Suli 22°1 86°4		IVIAKIA										0.00				1.5	
Chara Bhali Kuli 22°4 86°4 0.08 4.	1		uino	una				88"					_		5		
Indraji							0 11										
t n atilo ana '58. 4'58. 07" .86". 07" .86". 07" .86". 07" .86". 06. 0.08 4. 1 2. 1.5 7 Sida Murm u Atilo ana 4715 '58. 5'2. 2. 6 .3. 2. 6 .3. 3. 2. 6 .3. 3. 9 3. 3. 9 3. 3. 9 3. 3. 9 3. 3. 9 3. 3. 9 3. 3. 9 3. 3. 3. 9 3. 3. 9 3. 3. 3. 9 3. 3. 9 3. 3. 3. 9 3. 3. 4. 1.5	Indraji	Chara	Bhali	Kuli			22°4		1			0.08	4.	1	3.	1.5	
Murm u Achyu Rasan Rasan <t< td=""><td>t</td><td></td><td></td><td></td><td></td><td></td><td>′58.</td><td>4′58</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	t						′58.	4′58									
u N E Sida Lal Bhali atilo 8018 22°4 86°4 Murm atilo ana 4715 '58. 5'2. 2. 6 3. Upend Panch ranath anan asole Khadi apa da 22°1 86°4 0.08 4. 2 4. 1.5 1 Phal da 69" .28" 4 0.0 4 0.0 Achyu Rasan Khadi Suli 22°1 86°4 0.08 4. 2 4. 1.5 2	Murm						07"										6.
Murm u atilo ana 4715 49 '58. 83" 5'2. 92" N 2 6 3. 9 Upend ranath anan Dhal Panch asole Khadi apa da Suli 22°1 22°1 86°4 69" 86°4 28" 28" N 0.08 4. 2 2 4. 4 1.5 1 Achyu Rasan Khadi Suli 22°1 86°4 86°4 0.08 4. 2 2 4. 4 0. 0									1								
u 49 83" 92" N E 9 3 Upend Panch ranath anan Dhal Khadi asole apa da 22°1 86°4 (50. 9'42) 0.08 4. 2 4. 1.5 1 6 . 2 8 8 Dhal 69" .28" N E 0.08 4. 2 4. 1.5 2 0.08 4 0.08 4 0.08 Achyu Rasan Khadi Suli 22°1 86°4 0.08 4. 2 4. 1.5 2 0.08 4. 2 4. 1.5 2		Lal										0.08				1.5	
N E	1		atilo	ana									2		6		
Upend ranath anan Dhal Panch anan Bhal Khadi Suli apa da 22°1 86°4 (50. 9′42 b) 86°4 (69° .28°) 86°4 (40. 1.5) 10.08 4. 2 4. 1.5 1 (60. 2. 8) 10.08 (40. 2. 4. 1.5) 10.08 (u				49									9			3
ranath anan asole apa '50. 9'42 6 . 2 8 8 0.	T	D ·	771 11	G **								0.00	4	_	4	1.5	
Dhal da 69" .28" 4 0. N E 0 0 0 0 Achyu Rasan Khadi Suli 22°1 86°4 0.08 4. 2 4. 1.5 2		l										0.08				1.5	
N E 0 0 0 0 0 0 0 0 0		anan	asole					9 42					0		2		
Achyu Rasan Khadi Suli 22°1 86°4 0.08 4. 2 4. 1.5 2	Dnai			da										4			1 1
	Achyn	Racan	Khadi	Suli					1			0.08	1	2	Δ	1.5	
												0.00				1.5	
		Liidu	1 25010	ı apa	i .	1		, 11	1	l .	1	1	Ü		-		Ü

Antru																		
Maring Param Kadai Suli Sul	a Dhal			da											4			0.
Manuar Dibak Maria Soli Suli Sul	Aniru	Hadib	Khadi	Suli					1				0.08	1	2	1	1.5	1
Data													0.08	1	1 1		1.5	7
Sujit Dhal And Suli		unana	asore													•		3.
Sujit Agriculture Sujit	Diai			- Gu											'			3
Dhal	Suiit	Ratika	Khadi	Suli					1				0.08	4	2	3	1.5	1
Data	Dhal		l										0.00	1			1.5	6
	Dimi	1144	asore											"	4			0
Jadum Dibya Khadi Suli asole and Asole				- Gu											'			
Antay Surne Surne Antay Surne Antay Surne Antay Surne Antay Surne Antay Anta	Iadum	Dibya	Khadi	Suli					┧				0.08	1	2	4	1.5	2
Daha Surne Khadi Suli													0.00				1.5	
Antay Surme Khadi Suli		Kanta	asorc											"		0		6
Antay Surne Khadi Suli asole apa for f	Diai			- au											'			7
Miranj Param Santan Dibak Chasti Suli Suli Santan Dibak Chasti Suli Santan Dibak Chasti Suli Santan Chasti Suli Suli Santan Chasti Suli Santan Chasti Suli Suli Santan Santan Chasti Suli Santan Chasti Cha	Antav	Surne	Khadi	Suli				8604	-				0.08	1	2	3	1.5	
Niranj			l										0.08	1	1 1		1.5	3
Niranj Param Khadi Suli ana asole apa da 89" 53" 86" 4 0.08 4. 2 3. 1.5 6 1.5	aiiii Si	uia	asoic											"		,		3
Niranj				ua											+			3
An Dhal a a a a a a a a a	Nimoni	Donom	Vhodi	Culi					┨				0.00	1	2	2	1.5	1
Dahal a	-	I	l	I									0.08		1 1		1.3	
Santan Dibak Khadi Suli 22° 86°4 86°4 80°4 80°5 80°4 80°4 80°5 80°4 80°5 80°4 80°5 80°4 80°5 80°4 80°5 80°4 80°5 80°4 80°5 80°4 80°5 80°5 80°4 80°5 80°5 80°4 80°5		l	asoie											0	;	9		(
Santan Dibak Chadi ara asole apa asole apa asole apa asole apa anta asole apa asole asole apa asole apa asole apa asole apa asole ap	Dnai	a		da											4			0
Data Baria Babek Baria Babek Baria Babek Baria Babek Baria G .	D'1 1	771 11	G 1'					-				0.00	-		2	1.5	(
Taraka nta nta nta nta nta nta nta nta nta nt		l											0.08	1			1.5	
N E	u Dhal	ara	asole					9.53						6		3		1
Taraka Hadib Khadi Suli 22°1 86°4 6 . 8 . 8				da											4			0
Manor Param Khadi Suli 7684 22°1 86°4 86°4 8 4 8 8 8 8 8 8 8									1						Ш			(
Dhal Param anjan Param a													0.08		2		1.5	1
Namor Param Khadi Suli 7684 22°1 86°4		andhu	asole											6		8		:
Manor	Dhal			da			03"	.36"							4			3
Ample							N	E										3
Dhal a da 25 71" 0.02" N E	Manor	Param	Khadi	Suli	7684		22°1	86°4]				0.08	4.	2	2.	1.5	1
Dhal a da 25 71" 0.02" N E			asole				′53.	9′45						6	1 1			6
Dasara Jagann Khadi Suli 22°1 86°4 51. 9'42 2. 1.5 6 . 6 6 . 6 6 6 6 6 6 6		a						.02"										1 7
thi atha asole apa da a sole apa da da a sole apa da da a sole apa da da asole apa da da asole apa da asole apa da Babila asole apa da asole apa asole apa asole apa da asole apa da asole apa da asole apa da asole apa asole																		
thi atha asole apa da a sole apa da da a sole apa da da a sole apa da da asole apa da da asole apa da asole apa da Babila asole apa da asole apa asole apa asole apa da asole apa da asole apa da asole apa da asole apa asole	Dasara	Jagann	Khadi	Suli			22°1	86°4	1				0.08	4.	2	2.	1.5	7
Dhung A														1	1 1			3
Ratma																-		3
Ratna Agata Agat							1											-
Rabin Dhal		Jagata	Khadi	Suli					1				0.08	4.	2	2	1.5	1
Dhal														1	1 1			0
Rabin Jagann Khadi Suli 22°1 86°4														"		-		
Rabin Jagann Gra Archadi A	Diai			- Gu											'			`
dra Dhung ia atha Dhung ia asole da apa da '51. 9'43 60" 2.5" 86"4 asole 2.5" N E asole 320 1.5 asole 322°1 86°4 asole 322°1 86°4 asole 322°1 86°4 asole 3235 66 . 1 asole 322°1 86°4 asole 3235 66 . 1 asole 3235 78 88" N E asole 3235 78 78 78 78 78 78 78 78 78 78 78 78 78	Rahin	Iagann	Khadi	Suli					┪				0.08	1	2	2	1.5	1
Dhung ia			l	I									0.00		1 1		1.5	6
Bibek Dibak Chadi Suli 7735 22°1 86°4 25°3 88°4 25°3 88°4 22°1 86°4 22°1 86°4 22°1 86°4 23°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 22°1 86°4 23°1 22°1 86°4 23°1		atila	asore													0		
Bibek Dibak Khadi Suli 7735 22°1 86°4 55. 9′48				da											-			'
a Barik ara asole da apa da 3235 78 '55. 9'48 25" 88" N E Prabha S Ch. Dhal Baidh Khadi Suli asole apa da 22°1 86°4 753. 9'47 22" .57" N E 0.08 4. 2 3. 1.5 Suman Hadib Khadi andhu asole and ta Deo Naik Suli asole apa da '52. 9'47 54" .28" N E Sahad ev b Naik Bhaira asole apa da '56. 9'49 13" .52" N E Kanhu Ch. Si sindhu sole sindhu Suli asole apa da '56. 9'49 13" .52" N E Nunu Krupa Khadi Suli Suli Sindhu 22°1 86°4 79. 9'50 57" .11" N E Nunu Krupa Khadi Suli Suli Suli Suli Suli Suli Suli Sul		Dibale	Vhodi	Culi	7725				1				0.00	1	2	2	1.5	1
Barik		l											0.08		1 1		1.3	(
N E		ara	asoie		3233									0		1		
Prabha s Ch. ar Dhal Baidh asole apa da 22°1 86°4 (53. 9'47) 86°4 (53. 9'47) 86°4 (6 . 8) 8 1.5 8 1.5 8 1.5 8 1.5 8 1.5	Barik			da	/8										4			1
s Ch. Dhal ar asole da apa da '53. 9'47 22" .57" N E Suman Hadib ta Deo andhu asole apa de V 52. 9'47 da 22°1 86°4	D 11	D 111	*** 11	G 11					4				0.00			_		1
Dhal da 22" .57" N E Suman Hadib ta Deo Khadi asole apa da '52. 9'47		l											0.08		2		1.5	
N E Suman Hadib Khadi Suli 22°1 86°4 6 . 2 4 1.5		ar	asole											6		8		1
Suman ta Deo Hadib ta Deo Khadi asole apa da 22°1 86°4 / 52. 9′47 / 52. 9′47 / 54" .28" N E Sahad ev b Naik Bhaira ev b asole apa da 22°1 86°4 / 56. 9′49 / N E Kanhu Krupa Ch. Si sindhu asole apa da 22°1 86°4 / 49. 9′50 / 57" .11" N E Nunu Krupa Khadi Suli 22°1 86°4 / 49. 9′50 / 57" .11" N E Nunu Krupa Khadi Suli 22°1 86°4 / 49. 9′50 / 57" .11" N E Nunu Krupa Khadi Suli 22°1 86°4	Dhal			da											4			3
ta Deo andhu asole apa da									1		ļ							3
Sahad Bhaira Khadi Suli 22°1 86°4 6 . 5 6 . 5 86°4 6 . 5 86°4 6 . 5 86°4 6 . 5 86°4 6 . 5 86°4 6 . 5 86°4 86°	Suman												0.08		2		1.5	
N E Sahad Bhaira Khadi Suli 22°1 86°4 6 . 5 6 . 5 86°4 6 . 5 86°4 6 . 5 86°4 6 . 5 86°4	ta Deo	andhu	asole											6		2		:
Sahad ev b Naik Bhaira ev b Naik Suli asole apa da 22°1 86°4 756. 9′49 13" .52" N E Kanhu Ch. Si sindhu asole apa Ch. Si Nunu Krupa da 22°1 86°4 749. 9′50 da 0.08 4. 2 3. 1.5 Nunu Krupa Khadi Suli 22°1 86°4 749. 9′50 da 6 . 8 Nunu Krupa Khadi Suli 22°1 86°4 0.08 4. 2 3. 1.5				da											4			(
ev b asole apa da '56. 9'49 13" 552" 6 . 5 4 4 . 2 3. 1.5 Kanhu Krupa Ch. Si Khadi asole apa da '49. 9'50 50" 6 . 8 6 . 8 8 Nunu Krupa Khadi Suli Sindhu 22°1 86°4 86°4 6 . 8 8 Nunu Krupa Khadi Suli 22°1 86°4 0.08 4. 2 3. 1.5						<u></u>	N	E]									(
ev b asole apa da '56. 9'49 13" 552" 6 . 5 4 4 . 2 3. 1.5 Kanhu Krupa Ch. Si Khadi asole apa da '49. 9'50 50" 6 . 8 6 . 8 8 Nunu Krupa Khadi Suli Sindhu 22°1 86°4 86°4 6 . 8 8 Nunu Krupa Khadi Suli 22°1 86°4 0.08 4. 2 3. 1.5	Sahad		Khadi	Suli									0.08	4.	2	3.	1.5	
Naik da 13" sindhu .52" N E Kanhu Krupa Ch. Si sindhu Khadi asole apa da '49. 9'50 da 0.08 4. 2 3. 1.5 Nunu Krupa Khadi Suli 22°1 86°4 0.08 4. 2 3. 1.5 Nunu Krupa Khadi Suli 22°1 86°4 0.08 4. 2 3. 1.5	ev		asole	apa			′56.							6	.			1
N E																		3
Kanhu Krupa ch. Si Khadi sindhu Suli asole apa da 22°1 86°4 (49. 9′50 da 86°4 (49. 9′50 da 6 . 8 Nunu Krupa khadi Khadi Suli 22°1 86°4 0.08 4. 2 3. 1.5	Naik	I																
Ch. Si sindhu asole apa da 249. 9'50 57" .11" N E Nunu Krupa Khadi Suli 22°1 86°4 0.08 4. 2 3. 1.5	Naik			Suli					1				0.08	4.	2	3.	1.5	T
Nunu Krupa Khadi Suli 57" .11" Nunu Krupa Khadi Suli 22°1 86°4		Kruna	Khadi		1	1				1	l .	1	1	1	1		1	
Nunu Krupa Khadi Suli 22°1 86°4 0.08 4. 2 3. 1.5	Kanhu						′49	9′50						6	.	8		
Nunu Krupa Khadi Suli 22°1 86°4 0.08 4. 2 3. 1.5				apa										6		8		
	Kanhu			apa			57"	.11"						6		8		3
	Kanhu Ch. Si	sindhu	asole	apa da			57" N	.11" E	1				0.08		4		1 5	3

			da			16"	.63" E					4		
Aniru	Jadum	Khadi	Suli			N 22°1	86°4	1		0.08	4.	2	3.	
dha	ani	asole	apa			′49.	9′51			0.00	6		3. 7	
Naik			da			23"	.37"					4		
						N	E							
Dhana	Krupa	Khadi	Suli			22°1	86°4]		0.08	4.	2	2.	
njay	sindhu	asole	apa			´50.	9′51				6	.	9	
Si			da			33"	.59"					4		
	D 11	771 11	~ · · ·			N	E	1		0.00			_	
Biswa	Rabin	Khadi	Suli			22°1	86°4			0.08	4.	2	2.	
nath	dra	asole	apa			′54. 28"	9′45				6	4	4	
Dhung ia			da			28 N	.45" E					4		
Pradee	Rabin	Khadi	Suli			22°1	86°4	1		0.08	4.	2	2.	
р	dra	asole	apa			′54.	9′45			0.00	6	-	5	
Dhung	""	45010	da			64"	.59"					4		
ia						N	E							
Banes	Adika	Khadi	Suli			22°1	86°4	1		0.08	4.	2	3.	
war	nda	asole	apa			´51.	9′43				6		6	
Dhung			da			12"	.35"					4		
ia						N	Е	1						
Basud	Kanhe	Khadi	Suli			22°1	86°4			0.08	4.	2	3.	
ev	i	asole	apa			′51.	9′43				6	;	8	
Ohung			da			27"	.67"					4		
hia	C 1	Dl	C1.	0502		N 2105	E	1		0.00	2	1	_	
Nanda cishor	Sudam Ch.	Dhan	Sha mak	9583 1907		21°5 5′23	86°4 0′45			0.08	3.	1	2.	
e	CII.	pur	mak hunt	1907 59		5 23 .59"	.99")	1		
Moha			a	33		.39 N	.99 E					1		
nta			u			11	-							
abitri	Dasha	Dhan	Sha	9776		21°5	86°4	1		0.08	3.	1	2.	
Moha	ratha	pur	mak	0776		5′28	0′40				5		4	
nta		_	hunt	23		.18"	.55"					1		
			a			N	Е	1						
Saras	Krutib	Dhan	Sha	9937		21°5	86°4			0.08	3.	1	3.	
wati	asa	pur	mak	5435		5′29	0′41				5	;	3	
Moha			hunt	31		.73"	.36"					1		
nta Shaku	Luta	Dhan	a Sha	8342		N 21°5	E 86°4	1		0.08	3.	1	2.	_
ntala	Luia	pur	mak	0184		5′30	0′42			0.08	5.	1	5	
Moha		Pui	hunt	29		.22"	.15"				'	1		
nta			a	27		N	E					1		
Samab	Kalac	Dhan	Sha	9583		21°5	86°4	1		0.08	3.	1	2.	_
ari	hand	pur	mak	4541		5′27	0′48				5	.	3	
Singh		·	hunt	38		.41"	.83"					1		
			a			N	Е	1				Ш		
Chaita	Guruc	Dhan	Sha	7978		21°5	86°4			0.08	3.	1	2.	
nya	haran	pur	mak	8945		5′27	0′39				5	;	7	
Moha			hunt	60		.78"	.98"					1		
nta	Durjan	Dhan	a Sha	8342		N 21°5	E 86°4	1		0.08	3.	1	1	
Gobin da	Duijan	pur	Sna mak	8342 8796		5′23	0′48			0.08	5.	1	1.	
ua Moha		Pui	hunt	94		.34"	.82"				'	1		
nta			a	77		.54 N	E .62					1		
Padma	Bhaga	Dhan	Sha	9937		21°5	86°4	1		0.08	3.	1	1.	
bati	ban	pur	mak	5707		5′26	0′38				5		1	
Moha		•	hunt	57		.03"	.43"					1		
nta			a			N	Е]					L	
Saras	Kanch	Dhan	Sha	9438		21°5	86°4]		0.08	3.	1	1.	
wati	u	pur	mak	2007		5′26	0′38				5	.	5	
Moha			hunt	03		.92"	.88"					1		
nta			a			N	Е	1	J					
Mahen	Sankar	Dhan	Sha	9937	1 T	21°5	86°4			0.08	3.	1	2.	
dranat		pur	mak	5435		5′22	0′49				5	•	4	
h			hunt	31		.65"	.16"					1		
Moha	1		a		1	N	E]			l	
nta					1								1	

Bimal	Bana	Dhan	Sha	8339	21°5		0.08	3.	1	2.	1.5
a	mali	pur	mak	8161	5′22			5	;	8	
Moha			hunt	19	.15" N	.22" E			1		
nta itendr	Paresh	Dhan	a Sha	7873	21°5		0.08	3.	1	3.	1.3
a	1 alcsii	pur	mak	9833	5'22		0.08	5.	1	2	1
Moha		Pui	hunt	54	.15"	.26"			1	2	
nta			a	51	N N	E .20			1		
Satyan	Sarbes	SIndu	Sha	9937	21°5		0.08	3.	1	2.	1.
arayan	war	rgaur	mak	3499	5′51			5		7	
Moha		a	hunt	34	.08"	40"			1		
nta			a		N	E					
Manas	Kailas	SIndu	Sha	9692	21°5		0.08	3.	1	3.	1.
ranjan	h Ch.	rgaur	mak	1889	5′52			5	.	5	
Moha		a	hunt	58	.68"	48"			1		
nta			a		N	Е					
Khage	Sitanat	SIndu	Sha	9439	21°5		0.08	3.	1	1.	1.
swar	h	rgaur	mak	4497	5′51	1′1.		5	•	7	
Moha		a	hunt	61	.78"	28"			1		
nta			a		N	Е					
Ram	Madh	SIndu	Sha	7751	21°5		0.08	3.	1	1.	1.
Ch.	usuda	rgaur	mak	0689 91	6′6. 94"	1′30 .54"		5	1	4	
Moha nta	n	a	hunt	91	94 N	E .34			1		
Dharm	Sitanat	SIndu	a Sha	9437	21°5		0.08	3.	1	1.	1.
endra	h	rgaur	mak	9676	6'10		0.08	5.		3	1.
Moha	"	a	hunt	33	.27"	.76"			1	5	
nta			a	33	N N	E .70			1		
Manag	Khiro	SIndu	Sha	8249	21°5		0.08	3.	1	1.	1.
obinda	d Ch.	rgaur	mak	7215	6'9.	1′31	0.00	5		8	
Moha		a	hunt	01	87"	.95"			1		
nta			a		N	E					
Suman	Manje	SIndu	Sha	9078	21°5	86°4	0.08	3.	1	2.	1.
a	et	rgaur	mak	9489	6′11	1′32		5	.	4	
Moha		a	hunt	06	.55"	.22"			1		
nta			a		N	Е					
Kanak	Pitam	SIndu	Sha	7328	21°5		0.08	3.	1	2.	1.
lata	bar	rgaur	mak	0222	6′12	1′32		5	:	9	
Moha		a	hunt	04	.04"	.72"			1		
nta	M	CI. 1.	a	7004	N 2105	E 9694	0.00	2	1	2	1
Susant a Ku.	Nares h Ch.	SIndu	Sha mak	7894 2945	21°5 6′4.	86°4 1′29	0.08	3. 5	1	3. 4	1.
a Ku. Moha	II CII.	rgaur a	hunt	2943 47	37"	.44"		3	1	+	
nta		"	a	1'/	N N	E			1		
Kabita		SIndu	Sha		21°5		0.08	3.	1	2.	1.
Moha		rgaur	mak		6'6.	1′30	0.00	5		2	1.
nta		a	hunt		09"	.28"			1	_	
			a		N	Е					
Rajesh		SIndu	Sha		21°5	86°4	0.08	3.	1	1.	1.
ree		rgaur	mak		6′5.	1′30		5	.	7	
Moha		a	hunt		84"	.11"			1		
nta			a		N	Е					
Annap		SIndu	Sha		21°5		0.08	3.	1	1.	1.
urna		rgaur	mak		6′5.	1′29		5	$ \cdot $	8	
Moha		a	hunt		94"	.19"			1		
nta		a	a		N	E	0.00				
Rajani		SIndu	Sha		21°5		0.08	3.	1	2.	1.
kanta		rgaur	mak		6′7.			5		5	
Moha		a	hunt		21"	.79"			1		
nta	l	I	a		N	E			1		1

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

c.									sting in								
Name of farmer	Father 'snam e	Villa ge	Blo ck	Mobil e No.	Em ail ID	Coord (DDN	PS linates MMSS mat)	Soil testi ng done (Yes /No)	Reco mmen dation s based on soil test	Brief techno logy interv ention	Variet y	Seed quan tity used (q)		Demo ld (q/		Yiel d of local chec k q/ha	ir c: e a
						Latit	Lon		value				Н	L	A		e
						ude	gitu de										
Narasi ngha Ch. Moha nty	Kanhu Ch.	Kains ali	Bad asah i	7077 2846 34		21°5 5′44 .65″ N	86°3 8′24 .7″ E	Y	20:40:	Seed treatm ent, Line sowin	Gro und nut, K-6	0.08					
Lafura Singh	Dhanu	Kains ali	Bad asah i			21°4 3′44 .66″ N	86°4 5′25 .30″ E			g, Post emerg ence weedi		0.08					
Sitara m Singh	Chhatr ay	Kains ali	Bad asah i	8895 4332 75		21°4 3′46 .10″ N	86°4 5′25 .72″ E			cide, INM, IPM, STBF		0.08					
Janard an Singh	Padga	Kains ali	Bad asah i	7381 9290 58		21°4 3′46 .82″ N	86°4 5′26 .03" E			R		0.08					
Aksha y Ku. Singh	Sunara m	Kains ali	Bad asah i			21°4 3′49 .40″ N	86°4 5′26 .71″	-				0.08					
Dasha ratha Singh	Iswar Ch.	Kains ali	Bad asah i	9437 5380 69		21°4 3′51 .13″ N	86°4 5′26 .66″					0.08					
Basant i Singh	Nabak ishore	Kains ali	Bad asah i			21°4 3′52 .56″ N	86°4 5′25 .71″					0.08					
Panch ami Singh	Madh usuda n	Kains ali	Bad asah i			21°4 3′50 .93″	86°4 5′25 .64″					0.08					
Bahad ur Singh	Ramc handra	Kains ali	Bad asah i			N 21°4 3′50 .01″	E 86°4 5′25 .11"	_				0.08					
Kanka Singh	Budhu	Kains ali	Bad asah i			N 21°4 3′49 .19″	E 86°4 5′24 .91″					0.08					
Bishn u Singh	Balara m	Kains ali	Bad asah i	8339 9863 23		N 21°4 3′48 .15″ N	E 86°4 5′25 .10″ E	-				0.08					
Lalmo han Singh	Budhu ram	Kains ali	Bad asah i	8117 0772 01		21°4 3′47 .30″ N	86°4 5′24 .52″					0.08					
Sunil Ku. Singh	Nabak ishore	Kains ali	Bad asah i	9556 8135 75		21°4 3′46 .07″ N	86°4 5′24 .10″					0.08					

Kamal	Harim	Kains	Bad		21°4	86°4
akanta	ohan	ali	asah		3′45	
Jena	Onan	411	i			
JCIIa			1		.65"	.58"
					N	E
Bari	Shyam	Kains	Bad		21°4	86°4
Singh	•	ali	asah		3′45	
U			i		.22"	.23"
			_			
					N	E
Upend	Panch	Khadi	Suli		22°1	
ranath	anan	asole	apa		′46.	9′34
Dhal			da		99"	.09"
					N N	E
A .1	D	Khadi	Suli			
Achyu	Rasan				22°1	
tanand	anda	asole	apa		[′] 45.	9′35
a Dhal			da		07"	.53"
					N	E
Aniru	Hadib	Khadi	Suli		22°1	
dha	andhu	asole	apa		´44.	9′39
Dhal	anana	43010	da			
Duai			ua		17"	.35"
					N	E
Sujit	Ratika	Khadi	Suli		22°1	
Dhal	nta	asole	apa		′44 .	9′44
			da		72"	.96"
т 1	D.1	TZ1 **	G		N	E
Jadum	Dibya	Khadi	Suli		22°1	
ani	kanta	asole	apa		′44.	9′35
Dhal			da		43"	.35"
					N	E
Antox	Surne	Khadi	Suli		22°1	
Antay						
ami SI	dra	asole	apa		′45.	9′46
			da		07"	.57"
					N	E
Niranj	Param	Khadi	Suli		22°1	
an	anand	asole	apa		′46.	9′44
Dhal	anand		da		19"	
Pilai	"		ua			.75"
					N	E
Santan	Dibak	Khadi	Suli		22°1	
u Dhal	ara	asole	apa		′44.	9′35
			da		34"	.34"
					N N	.54 E
T1	TT. 17	TZ1 1'	C1'			
Taraka	Hadib	Khadi	Suli		22°1	
nta	andhu	asole	apa		′44.	9′38
Dhal			da		18"	.92"
					N	E
Manor	Param	Khadi	Suli	7684	22°1	
anjan	anand	asole	apa	0581	′44.	
Dhal	a		da	25	07"	.81"
					N	E
Dasara	Jagann	Khadi	Suli		22°1	
thi	atha	asole	apa		′43.	9′37
Dhung	uma	asoic	da			
			ua		66"	.59"
ia					N	E
Ratna	Jagata	Khadi	Suli		22°1	86°4
kara	nanda	asole	apa		[′] 45.	
Dhal			da		86"	.08"
- 1141			""		I I	
					N	E
Rabin	Jagann	Khadi	Suli		22°1	
dra	atha	asole	apa		′46.	9′42
Dhung			da		39"	.99"
ia					N N	.99 E
	D.1 1	171 11	c	770-		
Bibek	Dibak	Khadi	Suli	7735	22°1	
a	ara	asole	apa	3235	′42.	
Barik			da	78	25"	.81"
					N N	E
	l	l	l	l	IN	

1.171.01		,				
Madh	Radha	Garga	Bet		21°4	86°5
usuda	mohan	dia	nati		1′35	3′6.
n Jena					.19"	55"
I al :	Commit	Com	D-4		N 21°4	E OC°4
Lalmo han	Ganga dhara	Garga dia	Bet nati		21°4 3′33	86°4 7′46
Dey	unara	uia	man		.23"	.34"
Dey					.23 N	.34 E
Nayan	Madh	Garga	Bet		21°4	86°5
Ku.	usuda	dia	nati		1′34	3′45
Jena	n	ara	11441		.23"	.45"
					.23 N	E .43
Rama	Suren	Garga	Bet		21°4	86°5
kanta	dra	dia	nati		4′40	3′47
Nayak	uia	uia	nan		.32"	.34"
Tuyuk						.34 E
Rabin	Nidhi	Gorgo	Bet		N 21°4	86°5
dra	Niani	Garga dia	nati		21°4	
Nayak		uia	Hati		2′40	2′46
Nayak					.62"	.37"
3.7 1:	D1.1		D.		N	E
Murali	Bhikar i	Garga	Bet		21°4	86°5
dhara Nayak	1	dia	nati		3′41	2′49
Nayak					.12"	.43"
··	701 11		-		N	Е
Hariha	Bhikar	Garga	Bet		21°4	86°5
ra	i	dia	nati		5′41	1′48
Nayak					.21"	.76"
					N	E
Ratna	Ramc	Garga	Bet		21°4	86°5
kara	handra	dia	nati		1′40	2′57
Nayak					.16"	.58"
					N	E
Sapan	Dinab	Garga	Bet		21°4	86°4
Ku.	andhu	dia	nati		0′34	9′39
Jena					.33"	.23"
					N	E
Karun	Ramc	Garga	Bet		21°4	86°5
akara	handra	dia	nati		6′41	2′55
Nayak	11411414	414	11441		.36"	.64"
,					.30 N	E .04
Amuly	Hadib	Garga	Bet		21°4	86°4
a	andhu	dia	nati		4′36	9′39
Nayak	andnu	uia	nau			
1 wyuk					.43" N	.10" E
Christia	Lowers	Games	D _o 4			
Shyam sundar	Laxma n	Garga dia	Bet nati		21°4	86°5
Nayak	11	uia	mail		1′39	1′55
inayak					.69"	.65"
17 1	т.		D.		N	E
Kamal	Laxma	Garga	Bet		21°3	86°4
akanta	n	dia	nati		9′40	9′56
Nayak					.32"	.36"
					N	E
Tulasi	Rabin	Ratha	Kuli	9556	22°5	86°4
Mahan	dra	sole	ana	4121	′11.	5′36
ta				37	98"	.73"
				<u> </u>	N	E
Dillip	Laxmi	Ratha	Kuli		22°5	86°4
Mahan	dhara	sole	ana		′10.	5′37
ta					46"	.69"
					N N	E .03
Suren	Krush	Ratha	Kuli		22°5	86°4
dra	an	sole	ana		´10.	5′38
	**11	2210				.02"
Mahan					LU.	
Mahan ta					58" N	.02 E

Subas	Param	Ratha	Kuli	9668	22°5	86°4	0.08
Ch.	eswar	sole	ana	0041	´9.5	5′38	
Mahan				68	3″N	.92"	
ta					3 18	.92 E	
	T '	D - 41	IZ1'	7/5/	2225		0.00
/Iinati	Laxmi	Ratha	Kuli	7656	22°5	86°4	0.08
Mahan	dhara	sole	ana	0773	´10.	5′36	
ta				93	08"	.97"	
					N	E	
Chage	Mahen	Ratha	Kuli	9777	22°5	86°4	0.08
swar	dra	sole	ana	0949	´9.5	5′37	
Mahan		5510		83	8″N		
ta				0.5	8 14	.19"	
						E	
Biswa	Gajen	Ratha	Kuli	9437	22°5	86°4	0.08
ranjan	dra	sole	ana	4137	´8.5	5′35	
Aahan				63	2"N	.80"	
ta					•	E	
	I 0:	Do41-	V,.1:	0592	2205		0.00
Bana	Laxmi	Ratha	Kuli	9583	22°5	86°4	0.08
mali	dhara	sole	ana	9054	´9.4	5′37	
Iahan				37	0"N	.93"	
ta						E	
Gajen	Mahen	Ratha	Kuli	9437	22°5	86°4	0.08
dra	dra	sole	ana	4565	´8.6	5′36	"""
Mahan	ui u	3010	ana	01			
ta				01	5"N	.79"	
						E	
Laxmi	Arun	Ratha	Kuli	8280	22°5	86°4	0.08
priya	Ch.	sole	ana	3254	´10.	5′36	
Mahan				25	12"	.94"	
ta					N	E	
	Laveri	D a+1	V1:	9556			0.08
Chhut	Laxmi	Ratha	Kuli		22°5	86°4	0.08
u C.L	dhara	sole	ana	9479	′10.	5′39	
Mahan				32	39"	.60"	
ta	<u></u>	<u></u>		<u></u>	N	E	
Naren	Rabin	Ratha	Kuli	9583	22°5	86°4	0.08
dra	dra	sole	ana	5921	´10.	5′36	
Mahan	"			25	81"	.75"	
ta							
	C'I	17 1'1	17 11	0.650	N	E	0.00
Sakila	Sibu	Kalik	Kuli	8658	22°4	86°4	0.08
Tudu		asole	ana	0560	´32.	4′26	
				83	75"	.05"	
					N	E	
Dhanir	Sibu	Kalik	Kuli	7608	22°4	86°4	0.08
am		asole	ana	0674	′32.	4′25	
Tudu			ana	73			
1 uuu				13	56"	.05"	
	L				N	E	
Jagala	Lakha	Kalik	Kuli		22°4	86°4	0.08
Hembr	n	asole	ana		′33.	4′26	
am					54"	.27"	
					N	E	
Badal	Surei	Kalik	Kuli	7077	22°4	86°4	0.08
	Sulei						0.00
Hembr		asole	ana	8134	′32.	4′27	
am				27	23"	.95″	
					N	E	
Rabila	Ratna	Kalik	Kuli	8457	22°4	86°4	0.08
Tudu	kar	asole	ana	0605	´36.	4′32	
				50	06"	.71"	
				50			
					N	E	
Mirja	Laxma	Kalik	Kuli	7894	22°4	86°4	0.08
Tudu	n	asole	ana	8152	′33.	4′28	
				33	32"	.17"	
					N	E	
Anil	Donio	Kalik	Kuli	7978	22°4	86°4	0.08
	Ranja						0.08
Ku.	n	asole	ana	6084	′34.	4′29	
N /1 x x x x x x x x		l		30	68"	.07"	
Murm u							

Nabin Murm u													
	Singra	Kalik	Kuli	7894	22°4	86°4				0.08			
	у	asole	ana	6054	′32.	4′29							
				30	49"	.73"							
					N N	E							
> T	7	TZ 1'1	77 1'	0117					_	0.00	$\dashv \dashv$		₩
Naray	Jagann	Kalik	Kuli	8117	22°4	86°4				0.08			
an	ath	asole	ana	0369	´33.	4′28							
Chape				96	34"	.53"							
yar					N	E							
Arjun	Budhr	Kalik	Kuli	9556	22°4	86°4				0.08			
Hembr	ai	asole	ana	1845	′32.	4′29				0.00			
am	uı	asore	una	63									
aiii				03	13"	.40"							
					N	E							
Sudam	Saiba	Dom	Ban		22°	86°				0.08			
Marnd		uhani	giri		3'	23'							
i			posi		23.8	45.4							
			1		6"N	9"E							
Bhima	Shaun	Dom	Ban		22°	86°				0.08			
Ch.	a	uhani	giri		3'	23'				0.00			
	а	unam			23.5	44.8							
Murm			posi										
u			_		0"N	8"E			_		$-\!\!\!\!-\!\!\!\!\!-\!\!\!\!\!\!-$		₩
Hari	Ratan	Dom	Ban		22°	86°				0.08			
Maran		uhani	giri		3'	23'							
di			posi		22.8	44.4							
					6"N	4"E							
Kanhu	Kisun	Dom	Ban		22°	86°		1		0.08	$\neg \neg$		П
Soren		uhani	giri		3'	23'							
Boren		GIIGIII	posi		23.5	43.6							
			Posi		8"N	2"E							
M	17.	D	D						-	0.00	+		+
Manga	Kisun	Dom	Ban		22°	86°				0.08			
la		uhani	giri		3'	23'							
Tudu			posi		23.8	42.1							
					3"N	0"E							
Lachh	Kisun	Dom	Ban		22°	86°				0.08			
u		uhani	giri		3'	23'							
Tudu			posi		24.6	42.9							
			1		2"N	3"E							
Balia	Utar	Dom	Ban		22°	86°				0.08	\neg		T
Murm	Ottai	uhani	giri		3'	23'				0.00			
u		unum	posi		24.1	43.8							
u			posi		2"N	3"E							
т -	ъ		ъ						_	0.00	+		+
Laxma	Baiju	Dom	Ban		22°	86°				0.08			
n		uhani	giri		3'	23'							
Marnd			posi		24.4	43.6							
i					4"N	5"E							
Lachh	Laxma	Dom	Ban		22°	86°				0.08			
u	n	uhani	giri		3'	23'							
Murm			posi		25.4	42.5							
u			1		1"N	7"E							
Barsa	Dhano	Dom	Ban		22°	86°			-	0.08	+		+
Murm	Diano	uhani	giri		3'	23'				0.00			
I		unalli											
u			posi		25.7	42.1							
			_		7"N	4"E			L		$\dashv \dashv$		1_
Sakila	Shank	Dom	Ban		22°	86°				0.08			
Tudu	ha	uhani	giri		3'	23'							
			posi		25.3	41.7							
			1		4"N	8"E							
Baula	Raisen	Dom	Ban		22°	86°				0.08	$\neg \neg$		
Kisku	1.010011	uhani	giri		3'	23'				3.00			
monu		unalli	posi		26.2	42"							
			Posi										
	т 11	1	Б		8"N	E				0.00	\dashv		+
_	Lachh	Dom	Ban		22°	86°				0.08			
Durya	u	uhani	giri		3'	23'							
dhan			posi		26.5	43.4							1
						1 0	1	1	1	1			
dhan			_		3"N	0"E							
dhan Tudu	Shank	Dom							-	0.08	+		-
dhan	Shank ha	Dom uhani	Ban giri		3"N 22° 3'	86° 23'				0.08	$\dashv \dashv$		

					5"N	3"E						
CI 1	6.11		D				-		0.00		_	
Chand	Sakha	Dom	Ban		22°	86°			0.08			
an	m	uhani	giri		3'	23'						
Tudu			posi		27.5	43.6						
					0"N	2"E						
Pitha	Mansi	Dom	Ban		22°	86°			0.08			
Ch.	ng	uhani	giri		3'	23'						
Marnd			posi		25.3	43.9						
i			_		0"N	8"E						
Dhiren	Barsa	Dom	Ban		22°	86°	1		0.08			
dranat		uhani	giri		3'	23'						
h			posi		28.8'	44.5						
Murm			F		'N	5"E						
u					1	" "						
Sidhil	Fagu	Dom	Ban		22°	86°	1		0.08			
al	1 agu	uhani	giri		3'	23'			0.00			
Murm		unam	posi		28.4	45.6'						
			posi		7"N							
u ·		D	D		22°	'E	-		0.00			
Kuni	Samay	Dom	Ban			86°			0.08			
Marnd		uhani	giri		3'	23'						
i			posi		28.1	46.7						
					8"N	5"E						
Barsa	Shank	Dom	Ban		22°	86°			0.08			
Naik	ha	uhani	giri		3'	23'						
			posi		27.1	46.5						
					8"N	3"E						
Barsa	Shank	Dom	Ban		22°	86°	1		0.08			
Purti	ha	uhani	giri		3'	23'						
			posi		26.4	45.8						
			1		6"N	1"E						
Tunia	Sunda	Dom	Ban		22°	86°	1		0.08			
Naik	r	uhani	giri		3'	23'						
	-		posi		26.4	44.8						
			1		9"N	8"E						
Raja	Lachh	Dom	Ban		22°	86°	1		0.08			
Murm	u	uhani	giri		3'	23'			0.00			
u	l u	unam	posi		27.2	47.4						
u			Posi		8''N	7"E						
Hambi	Pitha	Dom	Ban		22°	86°	1		0.08			
	Pitna				3'				0.08			
ra		uhani	giri			23'						
Marnd			posi		27.1	48.5						
i		_	_		4"N	8"E			0.00			
Dama	Jitray	Dom	Ban		22°	86°			0.08			
n		uhani	giri		3'	23'						
Marnd			posi		28.1	49.0						
i		<u> </u>	<u> </u>		5"N	9"E		<u> </u>		<u> </u>		

3.3 Achievements on Training (Including the sponsored and FLD training programmes): A) Farmers and farm women (on campus)

Thematic Area	No. of			N	o. of	Particip	ants				Grand	d Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													

Thematic Area	No. of			N	lo. of	Partici	oants				Gran	d Total	
	Courses		Other		1	SC			ST		1		
		M	F	T	M	F	T	M	F	T	M	F	T
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value													
crops													
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses,													
Shade Net etc.)													
Others, if any (Cultivation of Vegetable)													
Training and Pruning													
b) Fruits													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental													
Plants													
Others, if any													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants	+												
Nursery management	+												
Production and management technology	+												
Post harvest technology and value addition	1												
Others, if any	+												
III. Soil Health and Fertility	+												
Management													
Soil fertility management	+		 										
Soil and Water Conservation	+		 										
Integrated Nutrient Management	1												
integrated ruthent ivianagement		<u> </u>	<u> </u>		1		ļ	<u> </u>					

Thematic Area	No. of			N	o. of	Particip	pants				Grand	d Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and													
Management											ĺ		
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment							 						
Household food security by kitchen													
gardening and nutrition gardening											ĺ		
Design and development of low/minimum													
cost diet						ĺ					ĺ		
Designing and development for high													
nutrient efficiency diet											ĺ		
Minimization of nutrient loss in processing	,												
Gender mainstreaming through SHGs)							_					
Storage loss minimization techniques													_
Enterprise development													
Value addition	1		20			2			3			25	25
Income generation activities for	1		20				 		3		1	29	30
empowerment of rural Women	1	1	29	-	-	-	-	-	-	-	1	29	30
Location specific drudgery reduction													
technologies	1	-	06	-	-	-	-	-	19	-	-	25	25
Rural Crafts													_
Capacity building													
Women and child care											-		
													_
Others, if any													-
VI.Agril. Engineering Installation and maintenance of micro													
irrigation systems											ĺ		
													_
Use of Plastics in farming practices							-						
Production of small tools and implements	_												
Repair and maintenance of farm machinery	/										ĺ		
and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any							 		<u> </u>	<u> </u>		<u> </u>	<u> </u>
VII. Plant Protection							<u> </u>	<u> </u>		<u> </u>			<u> </u>
Integrated Pest Management							<u> </u>						
Integrated Disease Management							<u> </u>	<u></u>					
Bio-control of pests and diseases													
Production of bio control agents and bio													
pesticides							<u> </u>						<u> </u>
Others, if any													
VIII. Fisheries													
												1	1
Integrated fish farming Carp breeding and hatchery management						<u></u>	<u></u>						

Thematic Area	No. of			N	lo. of l	Particip	oants				Grand	d Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to													
fish pond, like nursery, rearing & stocking													
pond													
Hatchery management and culture of													
freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax sheets	;												
Small tools and implements													
Production of livestock feed and fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group													
Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of													
farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)			1										
TOTAL	3	1	55	0	0	2	0	0	22	0	1	79	80

B) Rural Youth (on campus)

Thematic Area	No. of			N	o. of l	Particip	oants				Grand	l Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													

Thematic Area	No. of			N	o. of l	Particip	oants				Grand	d Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable													
crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements	2	5	0	5	0	0	0	16	0	16	21	0	21
Nursery Management of Horticulture crops													
Training and pruning of orchards	1												+
Value addition	1	_	14	-	_	-	-	-	3	-	-	17	17
Production of quality animal products													
Dairying												1	+
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development													
Para vets													
Para extension workers													
Composite fish culture	2	16	0	6	0	0	0	4	0	4	16	4	20
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology	1	1	0	1	0	0	0	9	0	9	10	0	10
Fry and fingerling rearing	2	2	0	2	0	0	0	18	0	18	20	0	20
Small scale processing	2				0	0	0	10		10	20	"	20
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
TOTAL	8	24	14	14	0	0	0	47	3	47	67	21	88

C) Extension Personnel (on campus)

Thematic Area	No. of			N	o. of l	Particip	oants				Grand	l Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field													
crops													
Value addition													
Integrated Pest Management													
Integrated Nutrient management	1	14	2	16	1	1	2	5	2	7	20	5	25
Rejuvenation of old orchards													

Thematic Area	No. of			N	o. of I	Particip	ants				Grand	l Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
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	3	30	4	34	3	2	5	8	2	10	41	8	49
machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet													
designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
TOTAL	4	44	6	50	4	3	7	13	4	17	61	13	74

D) Farmers and farm women (off campus)

Thematic Area	No. of				No. o		icipant	S			Gran	d Total	i
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high													
value crops													
Off-season vegetables	1	2	0	2	0	0	0	15	8	23	17	8	25
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses,													
Shade Net etc.)													
Others, if any (Cultivation of													
Vegetable)													
Training and Pruning													
b) Fruits													

Thematic Area	No. of				No. o		icipant	S			Gran	d Total	i
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	Т
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques	1	10	2	12	10	3	13	0	0	0	20	5	2.
Others, if any(INM)													
c) Ornamental Plants													
Nursery Management													1
Management of potted plants													1
Export potential of ornamental plants													
Propagation techniques of Ornamental													+
Plants													
Others, if any													+
d) Plantation crops													+-
Production and Management							 				 		+
technology													
Processing and value addition													\vdash
Others, if any													+
													-
e) Tuber crops													-
Production and Management													
technology													_
Processing and value addition													_
Others, if any													_
f) Spices													
Production and Management													
technology													
Processing and value addition													
Others, if any													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management													
technology													
Post harvest technology and value													
addition													
Others, if any													
III. Soil Health and Fertility													
Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													+
Others, if any													+
IV. Livestock Production and													\vdash
Management													
													-
Dairy Management	0.1		0.7	07	-	0.1	0.1		1.7	1.7	_	25	25
Poultry Management	01	-	07	07	-	01	01	-	17	17	ι-	23	+23
Piggery Management													—
Rabbit Management													₩
Disease Management	I	1		1					ĺ			1	1

Thematic Area	No. of				No. o	f Part	icipant	S			Gran	d Tota	ĺ
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
Production of quality animal products													
Others, if any Goat farming													ـــــــ
V. Home Science/Women													
empowerment													
Household food security by kitchen	01	-	04	04	-	05	05	-	16	16	-	25	25
gardening and nutrition gardening					-	_					_	25	25
Design and development of low/minimum cost diet	01		04	04	-	-	-	-	21	21	_	23	23
Designing and development for high					-								+
nutrient efficiency diet													
Minimization of nutrient loss in													+
processing													
Gender mainstreaming through SHGs													+
Storage loss minimization techniques													+
Enterprise development													+
Value addition	01	-	07	07	+ -	-	_	-	20	20	-	27	27
Income generation activities for												25	25
empowerment of rural Women	01		25										
Location specific drudgery reduction	0.4								•	•	-	25	25
technologies	01		05	05					20	20			
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro	01	-	0	_	2	0	2	17	0	17	25	0	25
irrigation systems	01	5	0	5	3	0	3	1 /	0	17	23	0	23
Use of Plastics in farming practices													
Production of small tools and	02	35	5	40	0	0	0	9	1	10	44	6	50
implements	02	33	,	70	U	0	U		1	10		U	30
Repair and maintenance of farm	05	47	3	50	15	0	15	60	0	60	122	3	125
machinery and implements		.,	-						Ť	-		_	<u> </u>
Small scale processing and value													
addition	0.1	10	0	10	-				0		25		25
Post Harvest Technology	01	19	0	19	0	0	0	6	0	6	25	0	25
Others, if any													
VII. Plant Protection					-	_							+
Integrated Pest Management													-
Integrated Disease Management													-
Bio-control of pests and diseases Production of bio control agents and													
bio pesticides													
Others, if any													+
VIII. Fisheries													+
Integrated fish farming													+
Carp breeding and hatchery					1								+
management													
Carp fry and fingerling rearing					<u> </u>								
Composite fish culture & fish disease	1	2	0	2	0	0	0	13	0	13	15	0	15
Fish feed preparation & its application	2	30	0	0	0	0	0	0	0	0	30	0	30
to fish pond, like nursery, rearing &													
stocking pond													
Hatchery management and culture of													
freshwater prawn													
Breeding and culture of ornamental													
fishes													
Portable plastic carp hatchery													

Thematic Area	No. of				No. o	f Part	icipant	S			Grand	d Total	
	Courses		Other			SC			ST		1		
		M	F	T	M	F	T	M	F	T	M	F	T
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
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax													
sheets													
Small tools and implements													
Production of livestock feed and													
fodder													
Production of Fish feed													
Others, if any													
X. Capacity Building and Group													
Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of													
farmers/youths													
WTO and IPR issues													
Others, if any													
XI Agro-forestry													
Production technologies													
Nursery management													
Integrated Farming Systems													
XII. Others (Pl. Specify)													
TOTAL	21	165	62	157	28	9	37	120	103	223	313	174	487

E)RURAL YOUTH (Off Campus)

Thematic Area	No. of			No	o. of Pa	articip	ants				Grand	Total	
	Course		Other			SC			ST				
	s	M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable													
crops													
Commercial fruit production													

Thematic Area	No. of			No	o. of Pa	articip	ants				Grand	Total	
	Course		Other			SC			ST				
	s	M	F	T	M	F	T	M	F	T	M	F	T
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Others, if any													
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

F) Extension Personnel (Off Campus)

Thematic Area	No. of			No	o. of Pa	articip	ants				Grand	Total	
	Course		Other			SC			ST				
	S	M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field													
crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology													
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													

Thematic Area	No. of			No	of Pa	articip	ants				Grand	Total	
	Course		Other			SC			ST				
	S	M	F	T	M	F	T	M	F	T	M	F	T
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
Crop intensification													
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

G) Consolidated table (ON and OFF Campus) i. Farmers& Farm Women

Thematic Area	No. of				No.	of Parti	icipants	3			Gran	d Total	
	Cours		Other			SC	•		ST		1		j
	es	M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
Others, (cultivation of crops)													
TOTAL													
II. Horticulture													
a) Vegetable Crops													
Integrated nutrient management													
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high													
value crops													
Off-season vegetables	1	2	0	2	0	0	0	15	8	23	17	8	25
Nursery raising													
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses,													
Shade Net etc.)													
Others, if any (Cultivation of													
Vegetable)													
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards													
Cultivation of Fruit													
Management of young													

Thematic Area	No. of				No.	of Part	icipants				Grand	l Total	
	Cours		Other			SC			ST				
	es	M	F	T	M	F	T	M	F	T	M	F	T
plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards	1	10	2	12	10	3	13	0	0	0	20	5	25
Plant propagation techniques	1	10	2	12	10	3	13	U	0	0	20	3	25
Others, if any(INM) TOTAL													
c) Ornamental Plants													
Nursery Management													
Management of potted plants													\vdash
Export potential of ornamental plants													
Propagation techniques of													
Ornamental Plants													
Others, if any													
TOTAL													
d) Plantation crops													
Production and Management													
technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management													
technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management													
technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management													
technology													
Post harvest technology and value													
addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility													
Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													<u> </u>
Production and use of organic inputs													<u> </u>
Management of Problematic soils													
Micro nutrient deficiency in crops													<u> </u>
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													<u> </u>
TOTAL													<u> </u>
IV. Livestock Production and													
Management													
Dairy Management													<u> </u>

Thematic Area	No. of				No.	of Parti	icipants	3			Grand	d Total	
	Cours		Other			SC			ST				
	es	M	F	T	M	F	T	M	F	T	M	F	T
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal													
products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women													
empowerment													
Household food security by kitchen	01	_	04	04	_	05	05	_	16	16	_	25	25
gardening and nutrition gardening	01	_	04	04	_	03	03	_	10	10	_		
Design and development of	01	_	04	04		_		_	21	21	-	25	25
low/minimum cost diet	01	_	04	04	_	_		_	21	21			
Designing and development for high													
nutrient efficiency diet													
Minimization of nutrient loss in													
processing													
Gender mainstreaming through													
SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition	02	-	27	27	-	02	02	-	23	23	-	52	52
Income generation activities for	02	01	54	54	_	_			_	_	01	54	55
empowerment of rural Women	02	01	34	34	-	_	-	-	-	_			
Location specific drudgery reduction	02	_	11	11		_	_	_	39	39	-	50	50
technologies	02	-	11	11	-	-	_	-	39	39			
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL													
VI.Agril. Engineering													
Installation and maintenance of	0.1	-	0	5	2	0	2	17	0	17	25	0	25
micro irrigation systems	01	5	0	5	3	0	3	17	0	17	25	0	25
Use of Plastics in farming practices													
Production of small tools and	02	25	_	40	0	0	0	0	1	10	4.4	-	50
implements	02	35	5	40	0	0	0	9	1	10	44	6	50
Repair and maintenance of farm	0.5	47	,	50	1.5	0	1.5	(0	0	(0	122	2	125
machinery and implements	05	47	3	50	15	0	15	60	0	60	122	3	125
Small scale processing and value													
addition													
Post Harvest Technology	01	19	0	19	0	0	0	6	0	6	25	0	25
Others, if any													
TOTAL													
VII. Plant Protection													
Integrated Pest Management													
Integrated Disease Management													
Bio-control of pests and diseases													
Production of bio control agents and													T
bio pesticides													
Others, if any													<u> </u>
TOTAL													
VIII. Fisheries													+
Integrated fish farming													+
Carp breeding and hatchery													+
Carp of Coming and Hatchery			1	<u> </u>	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1		<u> </u>	Ь

Thematic Area	No. of				No.		icipants	.			Gran	d Total	
	Cours		Other			SC			ST				
	es	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	2	30	0	0	0	0	0	0	0	0	30	0	30
application to fish pond, like nursery,													
rearing & stocking pond													
Hatchery management and culture of													
freshwater prawn													
Breeding and culture of ornamental													
fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any	1	15	0	0	0	0	0	0	0	0	15	0	15
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
Vermi-compost production													
Organic manures production													
Production of fry and fingerlings													
Production of Bee-colonies and wax													
sheets													
Small tools and implements													
Production of livestock feed and													
fodder													
Production of Fish feed													
Others, if any													
TOTAL													
X. Capacity Building and Group													
Dynamics													
Leadership development													
Group dynamics													
Formation and Management of SHGs													
Mobilization of social capital													
Entrepreneurial development of farmers/youths													
WTO and IPR issues													
Others, if any TOTAL													
XI Agro-forestry							-				-		
Production technologies							-						
Nursery management													
Integrated Farming Systems													
TOTAL													
XII. Others (Pl. Specify)													
TOTAL	24	166	117	157	28	11	37	120	125	223	314	253	567

ii. RURAL YOUTH (On and Off Campus)

Thematic Area	No. of				No. o	f Partic	ipants				Grand	Total	
	Courses		Other			SC			ST				
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic													
inputs													
Planting material													
production													
Vermi-culture													
Sericulture													
Protected cultivation													
of vegetable crops													
Commercial fruit													
production													
Repair and													
maintenance of farm													
machinery and	2	5	0	5	0	0	0	16	0	16	21	0	21
implements													
Nursery Management					+			+			 		
of Horticulture crops													
Training and pruning								1			1		
of orchards													
Value addition		-											
Production of quality													
animal products													
Dairying													
Sheep and goat													
rearing		-			-								
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension													
workers													
Composite fish culture	2	16	0	6	0	0	0	4	0	4	16	4	2
Freshwater prawn													
culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and	1	1	0	1	0	0	0	9	0	9	10	0	10
processing technology													
Fry and fingerling	2	2	0	2	0	0	0	18	0	18	20	0	20
rearing													
Small scale processing		1			1			1			1		
Post Harvest													
Technology													
Tailoring and		+			+			+			 	-	
Stitching and													
Rural Crafts		+			1			+					
		+			+			+				-	
Enterprise													
development (ICT											1		
Others if any (ICT													
application in												1	

-	
1_	•

Thematic Area	No. of				No. o	f Partic	ipants				Grand	Total	
	Courses		Other			SC			ST				
		M	M F T			F	T	M	F	T	M	F	T
agriculture)													
TOTAL	8	24	14	14	0	0	0	47	3	47	67	21	88

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of				No. o	f Partic	ipants	ı			Grand	Total	
	Courses		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	1	14	2	16	1	1	2	5	2	7	20	5	25
management	1	14		10	1	1)		/	20	3	
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	3	30	4	34	3	2	5	8	2	10	41	8	49
of farm machinery													
and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and													
fodder production													
Household food													
security													
Women and Child													
care													
Low cost and nutrient													
efficient diet													
designing													
Production and use of													
organic inputs													
Gender													
mainstreaming													
through SHGs													
Crop intensification													
Others if any													
TOTAL	4	44	6	50	4	3	7	13	4	17	61	13	74

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

Discipline	Clientele	Title of the training programme	Durati on in	Venue (Off / On	Numb	er of partic	ipants	Nυ	mber of SO	C/ST
		programme	days	Campus)	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

		manual three row transplanter								
Home Sc.	RY	Paddy straw mushroom cultivation for income generation	02	ON	-	15	15	-	13	13
Home Sc.	F/Fw	Paddy straw mushroom cultivation for income generation	01	OFF	-	25	-	-	-	-
Home Sc.	F/FW	Laying out and planting different components of kitchen garden for a rural family	01	OFF	-	25	25	-	21	21
Home Sc.	F/FW	Safety measures in use of small women friendly tools	01	OFF	-	25	25	-	20	20
Home Sc.	RY	Preparation of value added products from sabai grass	04	OFF	-	17	17	-	03	03
Home Sc.	F/FW	Vaccination schedule for backyard poultry rearing	01	OFF	-	25	25	-	07	07
Home Sc.	F/FW	Preparation of low cost diet from the locally available cereals	01	OFF	-	25	25	-	21	21
Home Sc.	F/FW	Oyster mushroom cultivation for income generation	01	ON	01	29	30	-	-	-
Home Sc.	F/FW	Preparation of value added products from mushroom	02	ON	-	25	25	-	05	05
Home Sc.	F/FW	Preparation of value added products from Mahua	02	OFF	-	27	27	-	20	20
Home Sc.	IS	Use of small Agricultural implements for drudgery reduction of farm women	02	ON	21	04	25	02	03	05

H) Vocational training programmes for Rural Youth Details of training programmes for Rural Youth

				No.	of Partici	pants	Self em	ployed aft	ter training	Number
Crop / Enterp rise	Identif ied Thrust Area	Training title*	Durat ion (days	Mal e	Femal e	Total	Type of units	Numbe r of units	Number of persons employed	of persons employed else where
Mushr oom	Incom e genera tion	Paddy straw mushroom cultivation for income generation	2	-	15	15	Mushroo m unit	01	2	-
Value additi on	Value additi on	Preparation of value added products from sabai	2		17		Sabai value addition	01	12	1
Rice transp lanter	Farm mecha nizati on	Use, operation and maintenance of rice transplanter	04	11	0	11	Services provider	02	06	02
Seed cum fertiliz er drill	Farm mecha nizati on	Use and operation of seed cum fertilizer drill	04	10	0	10	Services provider	01	02	04

^{*}training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

					Client	No. of				No.	of Part	icipants					Sponsori
Sl. No	Title	Them atic	Mont	Duratio n	PF/RY/	courses]	Male		-	Female	e		Т	otal		ng Agency
NO		area	11	(days)	EF		Others	SC	ST	Others	SC	ST	Other s	SC	ST	Total	

ΚV	K MAYURB	HANJ-	1,ODI	SHA												63
1.	Orientat ion Trainin g Progra mme on Women Friendly Farm Tools	Dru dge ry red ucti on	Au gus t to Dec 201	13	PF	1	0	0	0	66	12	132	66	1 2	132	Wate rshed missi on

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

Nature of	No. of		Fa	rmers		Ex	tension Of	ficials		Total	
Extension Activity	activitie s	M	F	Т	SC/ ST (% of total)	Mal e	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
KisanGhosthi											
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
MahilaMandals 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

_	
h	4
u	

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
Total	1834	5896	3387	9278	997.5	137	67	204	6033	3334	9487

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

a. Production and supply of Technological products Village seed 3.5

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

KVK farm

Crop	Variety	Quantity of seed(q)	Value(Rs)	Number of farmers to whom seed provided
Paddy	MTU 7029	450.0	-	-
Grand Total	-	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
Vegetable seedlings				
Cauliflower	Hybrid	2,54,448nos.	2,54,448	
Cabbage				
Tomato				460
Brinjal				460
Chilli				
Onion				

Others				
Fruits	-	-	-	-
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	-	-	-	-
Total		262383	413148	580

Production of Bio-Products

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

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

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 Producti Category of		Category of Seed	
				(ha)	on	(F/S, C/S)
Kharif 2017	-	-	-	-	-	-
Rabi 2017-18	-	-	-	-	-	-
Summer/Spring 2018	Green	IPM 2-14	1000	100.6	50	C/S
	gram					

iii) Financial Progress

Fund received	Expenditure (Rs. in lakhs)		Unspent	Remarks
(2016-17 and 2017-18)	Infrastructure	Revolving fund	balance (Rs. in lakhs)	
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 nd Floor work has			
Seed storage structure	been completed			

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

Item	Title	Author's name	Number	Circulation
Research paper	Effect of vegetable transplanter press	Mohanty, D.K., Behera, D.,	1	-
	wheel design on	Mahapatra, M.		
	soil compaction	and Swain,		
	and seedling establishment	S.K.		
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)	Head	10copies	10copies
Electronic Publication (CD/DVD etc)	Audio Cassette on Soil Health and its management in Odia Language	Sr. Scientist & Head	10copies	10copies
TOTAL			1521 copies	1521copies

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:

(-	<i>-,</i>	Beams of Title brog.	willians wilder golle of 11 . 11	Personner		
	Sl.	Name of	Name of course	Name of KVK personnel	Date and Duration	Organized by
	No.	programme		and designation		
Ì	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)

51 4 p113)	
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.	Activity	No. of	No. of	Name (s) of VIP(s)	Number of Soil	No. of
No.		Participants	VIPs		Health Cards	farmers
					distributed	benefitted
1	Celebration of	250	1	Smt. Sarojini	200	250
	World Soil Day			Hembram, Hon'ble		
				MP(Rajyasabha)		

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

No of training programme	No of demonstrations	No of plant material	Visit by the	Visit by the
		produced	farmers	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/ZilaSabhadipati/Other Head of Organization/Foreigners)

Date	Name of the person	Purpose of visit
17/05/17	Dr. Jyoti Nayak,Senior Scientist	Orientation training on gender friendly
	ICAR.CIWA,Bhubaneswar	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	Visit seed hub & CFLD
	& FW, GOI, New Delhi	

4. IMPACT

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

Name of specific	No. of % of adoption			Change in income (Rs.)		
technology/skill transferred	participants		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	25	11	_	19500
products from tomato				19300
Preparation of value added	25	16		28000
products from sabai grass	23		_	20000
Use and operation of seed	25	24	48600	67500
drills/planters	23		48000	67500
Use and operation of rotavator	25	20	12700	14210
for seed bed preparation	25		12700	14210
Use and operation of SRI	25	25	1,5700	22220
power weeder	25		15700	22230
Mechanized transplanting and	2.5	23	1.4050	20750
use of transplanter	25		14950	20750
Entrepreneurship development	1.0	14		
through farm mechanization	10			
Use, operation and		16		
maintenance of drip and	25			
sprinkler irrigation system				
Mushroom production in	20	12	4.50	000
entrepreneurial basis	30		450	800
Vaccination procedure in goats		13		
for deworming	25		3200	4500
Preparation of value added		14		
products from mushroom	25	17	450	1500
products from musimooni				

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

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	No Village-125, Farmers-550, Area-1200ha		
in SRI method of rice cultivation			
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

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

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

- 4.6. Any other initiative taken by the KVK-
- 5. LINKAGES
- 5.1. Functional linkage with different organizations

Name of organization	Nature of linkage		
Department of Agriculture&	Conducting on farm trials & Demonstration		
Farmers Welfare, Mayurbhani, Govt.	Crop planning in irrigated ayacuts		
of Odisha	Organizing skill oriented vocational training programmes,		
	• Farmers' fair		
	Monitoring BGREI programme		
Department of Horticulture,	Site selection, Plantation and management of mango plantation		
Mayurbhanj, Govt. of Odisha	along with intercropping under MGNREGS		
	Monitoring Center of Excellence ,		
	Verification of Planting material on MGNREGS Programme		
	Verification of poly house under NHM and verification of		
	plantations taken up under MGNREGS		
	Capacity building programme of extension personnel		
Department of Animal Resource &	Conducting Demonstration in the farmers field & Training		
Fishery, Mayurbhanj, Govt. of	programme of farmers		
Odisha	Organizing Animal Health camp		
Department of Minor Irrigation,	Training programme for the Office bearers of PaniPanchayat		
Mayurbhanj, Govt. of Odisha	functionaries.		
Department of Water Resource,	Conducting training for the field level extension functionaries.		
Mayurbhanj, Govt. of Odisha			
Department of Child Welfare,	Providing training to ICDS supervisors & field level functionaries		
Mayurbhanj, Govt. of Odisha	on Nutritional Aspects		
IRRI	Multilocational trials in Mayurbhanj district.		
Cereal Systems Initiative for South	Multilocational trials in Mayurbhanj district.		
Asia (CSISA)-CIMMYT			
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 2017-18by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies (information of previous years should not be provided)

a) Programmes for infrastructure development

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

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

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Famers 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.	Name of	Voor of	Area	Details of production			Amount	(Rs.)	
No.	demo	Year of estt.	(Sq.	Variety/br	Produce	Oftv	Cost of	Gross	Remarks
110.	Unit	CSII.	mt)	eed	Produce Qty.	inputs	income		
-	-	-	-	-	-	-	-	-	-

6.2. Performance of Instructional Farm (Crops)

Name			(ha)	Detai	ls of produ	ection	Amou	nt (Rs.)	
Of the crop	Date of sowing	Date of harvest	Area (h	Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	Remarks
Paddy	1 st	Last week	14.0	MTU	FS	450.0	-	-	-
	week of	of		7029					
	August	December							

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

Sl.	Name of the	O4 (77.)	Amou	D 1	
No.	Product	Qty. (Kg)	Cost of inputs	Gross income	Remarks
1.	-	-	-	-	-

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

Sl.	Name	Name Details of		of production Am		ount (Rs.)	
No	of the animal / bird / aquatics	Breed	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks
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	QI	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
--------------	------------------	----------	----------------

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	31.03.2018	
Groundnut	253800	0	253800		Rs. 21577	
Remuneration of Tech	13000					
Agent						

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

	Released by ICAR		Exper	Unspent	
Item	Kharif	Rabi	Kharif	Rabi	balance as on
					1 st April 2018
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)					
A. Recui	A. Recurring Contingencies								
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								
TOTAL	(A)	87.03	85.146	24.316					
B. Non-I	Recurring Contingencies								
1	Office Equipment	5	5	0.01931					
2	Home Science Lab	0.5	0.5	0					
TOTAL (B)		5.5 5.5		0.01931					
C. REVOLVING FUND		0	0	13.05785					
GRAND	TOTAL (A+B+C)	92.53	90.646	37.39316					

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st 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

• -				1 11110 0	-post office the				
	Name	of	Number	of	Season	With	line	With	With both
	activity		activity			departmen	t	ATMA	
Ī	Celebration	of			Rabi 2017-	Departmen	nt of	-	Department
	Jai Vigyan	Jai	1		18	Agril., Go	vt. of		of Agril.
	Ksian					Odisha			

8. Other information

8.1. Prevalent diseases in Crops

Name of the	Crop	Date of	Area	%	Preventive measures taken for area
disease	_	outbreak	affected	Commodity	(in ha)
			(in ha)	loss	
BPH	Paddy	03.11.20	54	5-8%	Drainage of water before use of
		17			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	Species affected	Date of	Number of	Number of	Preventive
disease		outbreak	death/ Morbidity	animals	measures
			rate (%)	vaccinated	taken in pond
					(in ha)
-	-	1	-	-	-

9.1. Nehru YuvaKendra(NYK) Training

Title of the training programme	Peri	od	No. of the participant		Amount of Fund Received (Rs)
	From	То	M	F	
-	-	-	-	-	-

9.2. PPV & FR Sensitization training Programme

Date of organizing	Resource Person	No. of participants	Registration (crop wise)	
the programme				
			Name of	No. of
			crop	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
Total	69	35735

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	Expenditu re (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)	-	-
Total	149	385500

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:

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

Give good quality 1-2 photograph(s)

9.9. Details of 'Sankalp Se Siddhi' Programme

	No. of		No. of								Covera	Cover
			1			ъ		. 01				
	1		State Govt.			Pai	ticipai	nts (No.)			, –	age by
progra	Ministe			MLAs	Chair	Distt.	Bank	Farmers	Govt.	Total	Door	other
mme	rs	(Loksabha		Attend	man	Collec	Offici		Official		Darsha	chann
	attende	Rajyasabh		ed the			als		s, PRI		n	els
	d the	a)		progra					member		(Yes/N	(Num
	progra	participate		mme	at				s etc.		o)	ber)
	mme	d										
21.08.	-	Smt.Saroj	Sj.	-	-	1	2	300	10	313	Yes	
2017		ini	Sananda									
		Hembram	Marandi,									
		, Hon'ble	Hon'ble									
		Member	Deputy									
		of	Speaker,									
		Parliamen	Odisha									
		t of Rajya	Legislative									
		Sabha	Assembly									

9.10. Details of Swachhta Hi Sewaprogramme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	An awareness- cum - cleanness drive	2	200	-	1

9.11. Details of MahilaKisan Divas programme organized

Sl.	Activity	No. of	No. of	No. of VIPs	Name (s) of
No.		villages	Participants		VIP(s)
		Involved			
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.	Name of Farmer	Address of the farmer with	Innovation/ Leading in enterprise
No.		contact no.	
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
--------	--------------	-------------	-------------------

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	Present status of functioning
	(pl. specify)	

9.17. Contingent crop planning

Name	Name of	Themat	Number of	Number of	A brief about
of the	district/	ic area	programmes	Farmers	contingent plan
state	KVK		organized	contacted	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	Repli cation	Result with photogra
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	phs

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	0.007
knowledge in rural school, Planting material distribution, Vaccination camp etc.)	

- 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	No. per	19
	implements/ tools etc.	household	

d. Location and Beneficiary Details during 2017-18

District	Sub-district	No. of	Name of village(s)	ST population benefitte		fitted(No.)
		Village	covered	M	F	T
		covered				
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,	18	12	30
			Brahmangaon			
Mayurbhanj	Kuliana	1	Keutanimari	10	10	20
Mayurbhanj	Shamakhunta	3	Badakuldiha,	25	31	56
			Ambsingda,			
			Godipokhari			
			Sirisbani, Kisandahi,			
			Sansole			
Mayurbhanj	Kuliana	4	Nadhabani,	10	30	40
			Rangibeda, Dadrisole,			
			Tadki			
Mayurbhanj	Baripada	5	Betna, Snadakoi,	20	30	50
			Bhagabatpur,			
			Raikatjharan,			
			Damdarpur			
Mayurbhanj	Bangiriposi	2	Baskitola,	5	15	20
			Bhagirathipur			
Mayurbhanj	Badasahi	1	kochilapada	6	4	10

12. Progress report of NICRA KVK (Technology Demonstration component) during the period (Applicable for KVKs identified under NICRA)-Not Applicable

Natura	l Resou	rce Man	agement
--------	---------	---------	---------

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

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

Capacity building

Thematic area	No. of	No. of beneficiaries		ciaries
	Courses	Males	Females	Total
Extension activities				

Extension activities

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

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK

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

Award received by Farmers from the KVK district

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

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

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

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

16. Integrated Farming System (IFS)

Details of KVK Demo. Unit

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

17. Technologies for Doubling Farmers' Income

Sl.	Name of the Technology	Brief Details of	Net Return to	No. of	One high
No.	Traine of the Teemierogy	Technology (3-5	the farmer (Rs.)	farmers	resolution
		bullet points)	per ha per year	adopted the	'Photo' in
		ounce points)	due to the	technology in	'jpg' format
			technology	the district	for each
			87		technology
1	Introduction of Groundnut in	Substituted with	30360	8	
	Rainfed medium land of Rice	groundnut variety			
	fallow cropping system	K-6			
2	Introduction of Green gram in	Substituted with	13200	16	
	Rice- fallow cropping system	green gram variety			
		IPM-2-14			
3	Introduction of Green gram	Green gram variety	15200	10	
		IPM-2-14			
4	Varietal Evaluation of Rice in	Variety DRR-42	24,000	10	
	Rice-fallow cropping system				
5	Introduction of off season	Introduction of off	143000	10	
	cauliflower in Irrigated upland	season cauliflower.			
	in Vegetable cropping system				
6	Diversification of Upland paddy		133000	6	
	to off season cauliflower in	Upland paddy to off			
	Rainfed upland areas in Rice-	season cauliflower			
_	fallow cropping system		77'1	0	
7	Demonstration of Vaccination	Deworming of kids	Kids are in	8	
	of Goats	and PPR	growing stage		
0	D t t' CC 1 '	vaccination	Rs2025 from	(
8	Demonstration of Calcium	Calcium		6	
	Supplementation in RIR breeds		405eggs of 5birds		
		(4ml/day per bird) of RIR breeds			
0	Introduction of Marshau		D = 5625/50 1 - 1	17	
9	Introduction of Mushroom	Mushroom cultivation	Rs. 5625/ 50 bed	17	
	cultivation				
		throughout the year			

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

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

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

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