ANNUAL PROGRESS REPORT 2017-18

भाकृअनुप
ICAR

Krishi Vigyan Kendra, Gajapati

Orissa University of Agriculture and Technology
Bhubaneswar

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

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
KVK, Gajapati	Office	FAX	
At/Po-R.Udayagiri, Dist-Gajapati Odisha Pin -761016	06817-240362		gajapatikvk@yahoo.co.in kvkgajapati.ouat@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
Orissa University of Agriculture and Technology Bhubaneswar Dist-Khurda Pin-751003	0674-2397362	0674-2397933	deanee@ouat.nic.in deanextensionouat@yahoo.com deanextension_ouat@rediffmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr Sangram Paramaguru	-	9437492769	gajapatikvk@yahoo.co.in kvkgajapati.ouat@gmail.com

1.4. Year of sanction of KVK: 21st February 2005

1.5. Staff Position (as on 25th May, 2017)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Dr Sangram Paramaguru	Senior Scientist & Head	Agril. Extension	15600-39100 AGP-8000 Basic-22320	17.5.2018	Permanent	Others
2	Subject Matter Specialist	Mr. Sandeep Mohanty	Subject Matter Specialist	Plant Protection	15600-39,100 AGP-6000 Basic-19050	30.08.2012	Permanent	Others
3	Subject Matter Specialist	Miss. Rashmita Toppo	Subject Matter Specialist	Horticulture	15600-39,100 AGP-6000 Basic-16920	27.07.2015	Permanent	ST
4	Subject Matter Specialist	Mr. Dwarika Mohan Das	Subject Matter Specialist	Ag. Engg.	15600-39,100 AGP-6000 Basic-16920	31.10.2015	Permanent	Others
5	Subject Matter Specialist	-	-	-	-	-	-	-
6	Subject Matter Specialist	-	-	-	-	-	-	-
7	Subject Matter Specialist	-	-	-	-	-	-	-
8	Programme Assistant	-	-	-	-	-	-	-
9	Computer Programmer	Mr Manoj Kumar Sahu	Prog, Asst. (Comp)	Computer	9300-34,800 GP-4200 Basic-15100	27.01.2006	Permanent	Others
10	Farm Manager	-	-	-	-	-	-	-
11	Accountant / Superintendent	-	-	-	-	-	-	-
12	Stenographer	-	-	-	-	-		
13.	Driver	Mr. Sampada Kumar Sethi	Driver cum Mechanic		5200-20,200 GP-1900 Basic-7680	01.08.2007	Permanent	SC
14.	Driver	Mr. Ranjan	Driver cum		5200-20,200	01.03.2011	Permanent	Others

		Kumar Pattnaik	Mechanic		GP-1900 Basic-7130			
15.	Supporting staff	Mr. Prakash Chandra Sethy	Peon cum watchman		4750-14680 GP-1500 Basic-5140	01.12.2015	Permanent	SC
16.	Supporting staff	Mr. Rama Chandra Behera	Peon cum watchman		4750-14680 GP-1500 Basic-6040	31.07.2008	Permanent	SC

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1
2.	Under Demonstration Units	0.2
3.	Under Crops	1.8
4.	Orchard/Agro-forestry	11.75
5.	Others with details	9.86
	Total	24.61

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

S. No.	Name of infrastructure	Not yet started	Completed up to plinth level	Completed up to lintel level	Completed up to roof level	Totally completed	Plinth area (sq.m)	Under use or not*	Source of funding
1.	Administrative Building					Totally completed	330	Under use	ICAR
2.	Farmers Hostel					Totally completed	250	Under Use	ICAR
3.	Staff Quarters (6)	Not yet started							
4.	Piggery unit								
5	Fencing								
6	Rain Water harvesting structure								
7	Threshing floor								
8	Farm godown								
9.	Dairy unit								
10.	Poultry unit					Totally completed	24	Under Use	RKVY
11.	Goatary unit								

12.	Mushroom Lab					Totally completed		Yet to start	State Govt
13.	Mushroom production unit								
14.	Shade house								
15.	Soil test Lab					Totally completed	-	Under use	ICAR
16	Poly House					Totally completed	100	Under use	RKVY
17	Training hall					Totally completed	120	Under use	State Govt
18	Vermo compost unit					Totally completed	22	Under use	RKVY

* 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
Mahindra Bolero	2017	800000	16000	Good Condition
Tractor	2006	450000	200 hrs	Good Condition
Motor Cycle	2010	49000	52000	Good Condition

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Equipments of soil lab	2016	3200000	Working	ICAR
Mushroom Spawn Unit	2010	2500000	Not started	RKVY
b. Farm machinery				
Pumpset	2016	10530	Working	ICAR
Self pumping pump	2016	3755	Working	ICAR
Bottom MB Plough	2017	17868	Working	ICAR
5 tyne Cultivator	2017	21635	Working	ICAR

Straight Tyne	2017	4354	Working	ICAR
Power Sprayer	2017	9685	Working	ICAR
c. AV Aids				
Amplifier, Mixer, Microphone, Speaker	2017	39802	Working	ICAR
Projector	2017	33937	Working	ICAR
Projector screen	2017	3580	Working	ICAR
Semi SLR camera	2017	20043	Working	ICAR
Display Board	2017	5028	Working	ICAR
White Board	2017	1885	Working	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
Mini Tractor	2017	428425	Working	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.	4.8.2017	22	Enhancement of Soil test based fertilizer application	Distribution of Soil health card with STBF applivation & creating awareness on use of SHC	-
			Trial should be taken on crop diversification, varietal substitution and cropping system.	Crop diversification from maize to seewtcorn in 2310 ha, cauliflower to broccoli in 1600 ha, kharif onion in 1230 ha has been taken up in the district. Introduction of wilt tolerant Brinjal var. Swarna Shyamali, Tissue Culture Banana var. Amritpani &	

				Champa and Wilt tolerant Tomato var. Swarna Sampad has been taken up through OFT & FLD.	
			OFT and FLD programmes should be exclusively conducted on soil test based nutrient application.	FLD & OFT is been carried out with STBF application	
			OFT on new high yielding varieties of cashew nut may be conducted	Assessment of new cashew varieties will be conducted in next year in KVK instructional farm for futher dissemination in the district	
			Floriculture should be promoted	OFT on marigold cultivation & training for Rural youth has been conducted on coomercial floriculture	-
			Promotion of different high value vegetable crops	FLD on Broccoli has been carried out in 5 adopted villages in 2.5 ha area	-
			Trial of different small farm implements	Skill training on gender fire#ndly farm tools & impliments and TSP FLD on maize sheller has been conducted for farm women	-
			Proper IPM, IDM practices for different crops like Paddy, Brinjal, Chilli, Watermelon, Green gram, Beans etc	FLD & OFT on IPM & IDM of Rice, Brinjal, Chilli & Greengram has been conducted in an area around 8 ha	-
			Popularization of water saving techniques in crops production like drip irrigation, mulching	Training & awareness programme on use & maintainance on drip has been taken up.	-
			Awareness campaign should be organized regarding soil testing	Workshop & seminar on soil testing & STBF application has been conducted and around 236 farmers have participated in thius programme	-

** 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	Rice-fallow, Rice-Paira Greengram/Blackgram, Maize –fallow, Ragi-Fallow
2	Agro-climatic Zone	North Eastern Ghat Zone
3	Agro ecological situation	AES-I - Red loam soil, Low rainfall, moderate elevation (300-500 m) Moderate irrigation AES-II- Black forest & red loam soil, Moderate rainfall, high irrigation AES-III- Laterite soil, moderate rauinfall, high irrigation
4	Soil type	Red Loamy soils, Laterite Soils, Black soils
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Rice-39.81 q/ha, Maize-35 q/ha, Ragi-15 q/ha Greengram-15 q/ha, Blackgram-16 q/ha, Arhar-25 q/ha Groundnut -40 q/ha, Sesame-8q/ha Brinjal-152 q/ha, Cauliflower-145.6 q/ha, Chilli-8.1
6	Mean yearly temperature, rainfall, humidity of the district	Max Temp -39^0 C Minimim Temp-10^0 C Rainfall-1423 mm, Relative Humidity-78-85%
7	Production of major livestock products like milk, egg, meat etc.	Milk-20.70 MT, Egg-154 Lakhs, Meat-1923 MT

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	-	R.Udayagiri	R.Udayagiri	Rice, Maize, Ragi, Mango	Acidic Soil, Rice-stem borer, Gall midge, BPH,Blast, Sheath Blight Maize-Imbalanced use of fertilizer Mango-Stone weevil	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management,
2		R.Udayagiri	Alama, Phuka	Rice, Maize, vegetables, mango , marigold, poultry	Acidic Soil, Rice-stem borer, Gall midge, BPH, Blast, Sheath Blight Maize-Imbalanced use of fertilizer Mango-Stone weevil Vegetable-Imbalance fertilizer	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management**,** Crop diversification to

					application, Disease and pest incidence, Mite infestation in marigold and not following GAP(pinching), RD disease low body weight in poultry	high value vegetables, Scientific production technology for commercial flower, vaccination & Feed management
3		R.Udayagiri	Sabarpalli, Anukampa, Phatachencheda, Kankadaguda	Rice, Ragi Vegetable, Cashew nut , Mango, Poultry	Acidic Soil, Rice-stem borer, Gall midge, BPH, Blast, Sheath Blight Vegetable-Imbalance fertilizer application, Disease and pest incidence, Mango-Stone weevil, Fruit drop and fruitfly Tea mosquito bug in cashew, RD disease low body weight in poultry	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Crop diversification to high value vegetables, Orchard management vaccination & Feed management
4		Mohana	P.Govindpur, Kaithpada	Rice, Maize, Ragi, Blackgram, Greegram vegetables	Acidic Soil, Rice-stem borer, Gall midge, BPH,Blast, Sheath Blight Maize-Imbalanced use of fertilizer, Pod borer and powdery mildew in greengram & blackgram, Vegetable-Imbalance fertilizer application, Disease and pest incidence	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Crop diversification to high value vegetables,
5		Mohana	Kesara	Rice, Maize, Ragi, Arhar, Vegetables	Acidic Soil, Rice-stem borer, Gall midge, BPH,Blast, Sheath Blight Maize-Imbalanced use of fertilizer, Pod borer in Arhar Vegetable-Imbalance fertilizer application, Disease and pest incidence	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Crop diversification to high value vegetables
6		Mohana	Akili, Jubagaon, Kharidhepa, Manikpur, Govindpur	Rice, Maize, Ragi, Blackgram, Greegram vegetables, mango, Poultry	Acidic Soil,Rice-stem borer, Gall midge, BPH,Blast, Sheath Blight Maize-Imbalanced use of fertilizer, Pod borer and powdery mildew in greengram & blackgram, Vegetable-Imbalance fertilizer application, Disease and pest incidence	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Crop diversification to high value vegetables, Orchard Management, vaccination & Feed management

					Mango-Stone weevil, Fruit drop and fruitfly, RD disease low body weight in poultry	
7		Nuagada	Titising	Rice, Ragi, Vegetables, mango, Sunflower	Acidic Soil, Rice-stem borer, Gall midge, BPH,Blast, Sheath Blight Vegetable-Imbalance fertilizer application, Disease and pest incidence Mango-Stone weevil, Fruit drop and fruitfly, Head borer infestation & Imbalance fertilizer application	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Crop diversification to high value vegetables, Orchard Management
8		Rayagada	Landusahi, Koinpur	Rice, Maize, Vegetables, Mango, Cashew nut, Poultry	Acidic Soil, Rice-stem borer, Gall midge, BPH, Blast, Sheath Blight Maize-Imbalanced use of fertilizer, Vegetable-Imbalance fertilizer application, Disease and pest incidence Mango-Stone weevil, Fruit drop and fruitfly, Tea mosquito bug in cashew RD disease low body weight in poultry	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Crop diversification to high value vegetables, Orchard Management, vaccination & Feed management
9		Gumma	Padampur, Kujasing, Adamguda, S.Kurlunda	Rice, Greengram, Blackgram, Groundnut, Sesame,poultry	Acidic Soil,Rice-stem borer, Gall midge, BPH,Blast, Sheath Blight Pod borer and powdery mildew in greengram & blackgram, RD disease low body weight in poultry	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, vaccination and Feed management
10		Gumma	Tarabha	Rice, Greengram, Blackgram, Groundnut, Sesame, poultry , Vegetable	Acidic Soil,Rice-stem borer, Gall midge, BPH,Blast, Sheath Blight Pod borer and powdery mildew in greengram & blackgram, Vegetable-Imbalance fertilizer application, Disease and pest incidence	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, vaccination and Feed management, Vegetable- Crop diversification to high value vegetables

					RD disease low body weight in poultry,	
11		Gosani	Vanna, Budura	Rice, Greengram, Blackgram, Groundnut, Sesame, Vegetable	Acidic Soil,Rice-stem borer, Gall midge, BPH,Blast, Sheath Blight Pod borer and powdery mildew in greengram & blackgram, Vegetable-Imbalance fertilizer application, Disease and pest incidence	Soil Health Management, Varietal replacement with high yielding varieties Integrated disease and pest management, Integrated nutrient Management, Vegetable- Crop diversification to high value vegetables

2. c. Details of village adoption programme:

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

Name of village	Block	Action taken for development
R.Udayagiri	R.Udayagiri	OFT, FLD, Training
Alama	R.Udayagiri	OFT, FLD, Training
Phuka	R.Udayagiri	OFT
Sabarpalli	R.Udayagiri	OFT, FLD, Training
Anukampa	R.Udayagiri	FLD, Training
Phatachencheda	R.Udayagiri	FLD, Training
Kankadaguda	R.Udayagiri	OFT, FLD, Training
P.Govindpur	Mohana	OFT, FLD, Training
Kaithpada	Mohana	OFT, FLD, Training
Kesara	Mohana	OFT, FLD, Training
Jubagaon	Mohana	OFT, FLD, Training
Akili	Mohana	FLD, Training
Govindpur	Mohana	Training
Manikpur	Mohana	FLD, Training
Kharidhepa	Mohana	FLD, Training
Titisingh	Nuagada	OFT, FLD, Training
Landusahi	Rayagada	OFT, FLD, Training

Koinpur	Rayagada	FLD, Training
Padampur	Gumma	FLD, Training
Kujasing	Gumma	CFLD, Training
Adamguda	Gumma	CFLD, Training
S.Kurlunda	Gumma	CFLD, Training
Tarabha	Gumma	CFLD, Training
Vanna	Gosani	FLD, Training
Budura	Gosani	FLD, Training

2.1 Priority thrust areas

S. No	Thrust area
1.	Varietal replacement with high yielding varieties
2.	Organic cultivation
3.	Integrated Nutrient management
4.	Scientific seed production
5.	Integrated pest management
6.	Seed and seedling treatment
7.	Scientific storage methods
8.	Value addition and preservation
9.	Crop diversification
10.	Mushroom cultivation
11.	Scientific graft/gootee production
12.	Apiculture
13	Improved pest management
14	Intercropping
15	Varietal replacement
16	Irregular bearing of fruit
17	Fruit production technology
18	Acid soil management
19	Composting
20	Crop diversification
21	Natural Resource management
22	Entrepreneurship development
23	Integrated weed management
24	Production technology

3. TECHNICAL ACHIEVEMENTS

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

OFT						FLD					
No. of technologies:						No. of technologies:					
Number of OFTs		Number of farmers				Number of FLDs		Number of farmers			
Target	Achievement	Target	Achievement			Target	Achievement	Target	Achievement		
			SC/ ST	Others	Total				SC/ ST	Others	Total
6	5	42	35	0	35	12	10	60	50	0	50

Training						Extension activities					
Number of Courses		Number of Participants				Number of activities		Number of participants			
Target	Achievement	Target	Achievement			Target	Achievement	Target	Achievement		
		1260	SC/ ST	Others	Total				SC/ ST	Others	Total
60	62		965	3	968	1700	1886	4000	4289	622	4911

Seed production (q)		Planting material (in Lakh)	
Target	Achievement	Target	Achievement
-	-	1.2	1.42346

Livestock strains and fish fingerlings produced (in lakh)*		Soil, water, plant, manures samples tested (in lakh)	
Target	Achievement	Target	Achievement
-	-	64	75

* Give no. only in case of fish fingerlings

Publication by KVKs		
Item	Number	No. circulated
Research paper		
Seminar/conference/ symposia papers		
Books	10	5850

Bulletins		
News letter	1	500
Popular Articles		
Book Chapter		
Extension Pamphlets/ literature	1	500
Technical reports		
Electronic Publication (CD/DVD etc)		
TOTAL	12	6850

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of performance of Cowpea varieties
2.	Problem diagnosed	• Yellow mosaic virus disease incidence • Low yield from the local variety. • More labour for trellising & weeding in pole type
3.	Details of technologies selected for assessment	• FP: Cultivation of local cowpea variety: pole types, small pod length, susceptible to YMV, low yield, yield- 35-40 q/ha. • TO-1: Cultivation of Cowpea var. Utkal Manik : Moderately tolerant to aphids & yellow mosaic virus, bushy growth habit, fleshy smooth pods, suitable for both kharif & rabi Yield- 78 q/ha • TO-2 : Cultivation of Cowpea var. Kashi Kanchan : Resistant to yellow vein mosaic virus, bushy growth habit, green coloured fleshy pod, suitable for both kharif & rabi, yield- 150-175 q/ha
4.	Source of Technology	Dept. Of Vegetable Science, 2014
5.	Production system and thematic area	• Vegetable-fallow • Varietal introduction
6.	Performance of the Technology with performance indicators	Pod length (cm), YMV affected plants / sq.m., Yield (q/ha)
7.	Final recommendation for micro level situation	Cowpea var. Kashi Kanchan is suitable for upland situation and it is resistant to YMV with an average yield of 61.4 q/ha
8.	Constraints identified and feedback for research	Though its yield is high compared to local variety yet acceptance is somewhat low as it contains small & less seed

9.	Process of farmers participation and their reaction	• KVK share- Seed input of Cowpea var. Utkal Manik & Kashi Kanchan • Farmer's share- Seed of local cultivar & pesticides as some incidence of YMV occurred in cowpea var. Utkal Manik • Farmers are satisfied with its result

Thematic area: Varietal introduction

Problem definition:

- Yellow mosaic virus disease incidence
- Low yield from the local variety.
- More labor for trellising & weeding in pole type

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%) (YMV)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of YMV affected plant/m^2	Pod length (cm)	Test wt. (100 grain wt.)						
FP: Cultivation of local cowpea variety	7	7.2	18.4	-	80	38.6	8150	19150	11000	2.34
TO-1: Cultivation of Cowpea var. Utkal Manik	7	1.5	28.8	-	16	52.5	10700	36750	26050	3.43
TO-2 : Cultivation of Cowpea var. Kashi Kanchan	7	0	33.2	-	-	61.4	10520	42980	32460	4.08

OFT-2

Results:

Please provide all the OFTs in same format

1.	Title of On farm Trial	Assessment of performance of marigold cultivar
2.	Problem diagnosed	• Low yield from the local variety • Low profit margins due to limited blooming period
3.	Details of technologies selected for assessment/refinement (Assessed)	FP - Cultivation of local marigold cultivar :less secondary branches, more plant height, limited blooming period, low yield- 4-6 t/ha. TO-1: Cultivation of marigold var. Seracole : uniform bushy growth, generally grown by cutting & seeds, colour- orange yellow, can be propagated throughout the year. Yield- 15-20 t/ha. TO -2: Cultivation of marigold var. Pusa Basanti Gainda: uniform bushy growth, generally grown by seeds, colour-golden yellow,suitable for kharif & rabi, Yield- 15-20 t/ha.
4.	Source of Technology	ICAR-NAIP, 2014, Dept. of Floriculture & landscaping, CA,OUAT,2014
5.	Production system and thematic area	Rice-Vegetable/floriculture Varietal introduction
6.	Performance of the Technology with performance indicators	Plant height (cm), Flower diameter (cm)
7.	Final recommendation for micro level situation	Marigold cultivar Seracole is remunerative due to year round cultivation & colour preference
8.	Constraints identified and feedback for research	Post harvest management practices should be taken up for longer shelf life for distant market
9.	Process of farmers participation and their reaction	KVK input- seedlings of Seracole & Bangalore local Farmers share- seeds of local marigold cultivar, fertilizer & pesticides Nearby farmers are interested to take up marigold cultivation in large scale.

Thematic area: Varietal introduction

Problem definition:

- Low yield from the local variety
- Low profit margins due to limited blooming period

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (t/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		Plant height (cm)	Flower diameter (cm)	10 flower weight (g)						
FP - Cultivation of local marigold cultivar	7	82	3.1	32	-	5.6	12000	39200	27200	3.26
TO-1: Cultivation of marigold var. Seracole	7	67.5	3.6	57	-	13.2	45000	158400	113400	3.51
TO -2: Cultivation of marigold var. Pusa Basanti Gainda local	7	69.7	3.4	44	-	12.5	45000	150000	105000	3.33

Achievements on technologies assessed and refined

OFT-3

1.	Title of On farm Trial	Assessment of Chemical management of sucking pests (Thrips) in chilli
2.	Problem diagnosed	• Low yield from Chilli due to leaf curl virus
3.	Details of technologies selected for assessment	• FP: Application of Chlorpyriphos @ 2ml/l • TO-1: Application of Dimethoate 30% EC@2ml/l of water 3 times at 15 days interval • TO-2: Seed treatment with Imidacloprid @ 5g/kg of seed, spraying of Acetamiprid 20 SP@ 50g/ac alternate with Dicofol 18.5% EC @ 500 ml/acre
4.	Source of Technology	Dept. of Entomology,OUAT, 2014
5.	Production system and thematic area	• Vegetable-vegetable • Pest management
6.	Performance of the Technology with performance indicators	No. of affected plants / m^2, pest incidence (%), Yield (q/ha)
7.	Final recommendation for micro level situation	Seed treatment with Imidacloprid @ 5g/kg of seed, spraying of Acetamiprid 20 SP@ 50g/ac alternate with Dicofol 18.5% EC @ 500 ml/acre is more effective in controlling thrips population
8.	Constraints identified and feedback for research	Farmers are not practicing right dose of pesticides & seed treatment measure
9.	Process of farmers participation and their reaction	• KVK share- Dimethoate 30% EC, Imidacloprid, Acetamiprid 20 SP & Dicofol 18.5% EC • Farmer's share- Seed/ seedling & Chlorpyriphos • Farmers expressed their satisfaction towards use of Seed treatment with Imidacloprid & alternate spraying of Acetamiprid 20 SP with Dicofol 18.5% EC

Thematic area: Pest management

Problem definition:

- Low yield from Chilli due to leaf curl virus.

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of affected plants / m^2	No. of spikelet per panicle	Test wt. (100 grain wt.)						
FP: Chlorpyriphos @ 2ml/l	7	4.4	-	-	48	25.5	15000	38250	23250	2.55
TO-1: Application of Dimethoate 30% EC@2ml/l of water 3 times at 15 days interval	7	2.1	-	-	23	28.6	16000	42900	26900	2.68
TO-2 : Seed treatment with Imidacloprid @ 5g/kg of seed, spraying of Acetamiprid 20 SP@ 50g/ac alternate with Dicofol 18.5% EC @ 500 ml/acre	7	1.2	-	-	13	32	16000	48000	32000	3.00

OFT-4

1.	Title of On farm Trial	Assessment of IPM module control of YMV in Greengram
2.	Problem diagnosed	• Crop loss due to YMV incidence • Low yield from local green gram- Sabuja muga
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	FP: Application of Carbendazim @2 g/l TO-1-Seed treatment with Thiomethoxam 70 % WS @ 5gm/kg of seed , Installation of yellow sticky trap @20 traps/acre from 3 leaf stage, Application of Profenophos 50% EC 2ml/lt of water 3 times in 15 days interval TO2-Seed treatment with Imidachloprid /Thiomethoxam 70 WS @ 5gm/kg of seed Installation of yellow sticky trap at 3 leaf stage, application of Neem oil 1500ppm @ 3ml/l from 15 days after germination, spraying of Thiamethoxam 25% WG@ 125gm/ha at incidence of disease 2 times in 10 days interval
4.	Source of Technology	Dept. of Entomology,OUAT , 2009
5.	Production system and thematic area	Rice- paira green gram IPM
6.	Performance of the Technology with performance indicators	No of affected plants/sq.m., pest incidence (%) Yield (q/ha)
7.	Final recommendation for micro level situation	Seed treatment with Imidachloprid /Thiomethoxam 70 WS @ 5gm/kg of seed Installation of yellow sticky trap at 3 leaf stage, application of Neem oil 1500ppm @ 3ml/l from 15 days after germination, spraying of Thiamethoxam 25% WG@ 125gm/ha at incidence of disease 2 times in 10 days interval is highly effective in controlling whitefly population
8.	Constraints identified and feedback for research	Farmers are reluctant to practice IPM measure in paira method
9.	Process of farmers participation and their reaction	• KVK share- Thiomethoxam, Profenophos, yellow sticky trap, Imidachloprid, Neem oil • Farmer's share- Seed & Chlorpyriphos

Thematic area: IPM

Problem definition:

- Crop loss due to YMV incidence
- Low yield from local green gram- Sabuja muga

Technology assessed:

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of affected plants / m^2	No. of spikelet per panicle	Test wt. (100 grain wt.)						
FP: FP: Application of Carbendazim @2 g/l	7	17.3	-	-	38	4.8	12500	24000	11500	1.92
TO-1: Seed treatment with Thiomethoxam 70 % WS @ 5gm/kg of seed , Installation of yellow sticky trap @20 traps/acre from 3 leaf stage, Application of Profenophos 50% EC 2ml/lt of water 3 times in 15 days interval	7	6.9	-	-	15	5.3	13000	26500	13500	2.03
TO-2 : Seed treatment with Imidachloprid /Thiomethoxam 70 WS @ 5gm/kg of seed Installation of yellow sticky trap	7	4.1	-	-	9	5.8	13000	29000	16000	2.23

at 3 leaf stage, application of Neem oil 1500ppm @ 3ml/l from 15 days after germination, spraying of Thiamethoxam 25% WG@ 125gm/ha at incidence of disease 2 times in 10 days interval										

OFT-5

1.	Title of On farm Trial	Assessment of Power Weeder in Paddy
2.	Problem diagnosed	• Manual weeding with mandava weeder is highly drudgerious • More labour requirement in manual weeding
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Operated in line transplanted paddy field, Hatchet type blades, Less plant damage, Easy to operate
4.	Source of Technology	FIDU,FMP, CAET, OUAT, 2016
5.	Production system and thematic area	Small Farm Mechanization
6.	Performance of the Technology with performance indicators	Power operated, Adjustable Spacing, Less time and labour consumption, Higher capacity , higher weeding index, field capacity= 0.075ha/hr
7.	Final recommendation for micro level situation	Weeding by Hatchet Power Weeder reduces cost of cultivation by 11.54 % as compared to weeding by mandava weeder and recommended for micro level situation

8.	Constraints identified and feedback for research	Weeding by power weeder also needs supervision and manual weeding for weeds left in between two rows
9.	Process of farmers participation and their reaction	Line transplanting of rice with minimum row spacing of 30 cm. Farmers are preferring hatchet power weeder then L type power weeder

Thematic area: Farm Mechanization

Problem definition:

- Manual weeding with mandava weeder is highly drudgerious
- More labour requirement in manual weeding

Technology assessed:

Table:

Technology option	**No. of trials**	**Yield component**		**Yield (q/ha)**	**Cost of cultivation (Rs./ha)**	**Gross return (Rs/ha)**	**Net return (Rs./ha)**	**BC ratio**
		Field capacity (ha/hr)	**Weeding index (%)**					
FP: Weeding by Mandava Weeder	7	0.023	80	28.5	25675	44175	18500	1.83
TO1 - Weeding by Hatchet Power Weeder	7	0.065	76	28.2	22710	43710	21000	2.03
TO2- Weeding by L-type Power Weeder	7	0.062	69	28.0	22900	43400	20500	2.00

3.2 Achievements of Frontline Demonstrations

A. Details of FLDs conducted during the year

Cereals

Sl. No.	Crop	Thematic area	Technology Demonstrated with detailed treatments	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
				Proposed	Actual	SC/ST	Others	Total	
1	Tomato	Varietal introduction	Demonstration Tomato hybrid Swarna Sampad	1	1	5	0	5	
2	Brinjal	Varietal introduction	Demonstration wilt resistant Brinjal cv. Swarna Shyamali	1	1	5	0	5	
3	Broccoli	Crop diversification	Demonstration on Cultivation of broccoli var. Green Magic	1	1	5	0	5	
4	Rice	IPM	Demonstration on integrated management of stem borer in Rice Installation of Pheromone trap @ 10 nos. /acre, release of *T. japonicum @ 20000/ acre 5* times starting at @ 15 DAT at weekly interval, Prophylactic spraying of Neem oil 0.15% (1500 ppm) @ 600 ml/acre at 25 & 40 DAT & spraying of Fipronil	2	2	5	-	5	-

			5 % SC@400 ml/acre 2 times at 10 days interval						
5	Rice	Weed management	Demonstration on Pretilachlore and Almix for controlling weed in upland rice Use of Pretilachlore 50% EC @ 2 l/ha within 72 hrs of transplanting + Almix (Metsulfuron methyl 10% WP + Chlorimuron ethyl 10% WP) 20g/ha at 40 DAT for controlling weed in upland rice	2	2	5	-	5	
6.	Brinjal	Pest management	Demonstration on management of Fruit and shoot borer in Brinjal Regular clipping of wilted twigs, Setting up of Pheromone trap (Leucin lure) @ 25 Nos/acre, Use of Emamectin Benzoate 5% SG @ 80 g/acre alternated with Spinosad 45 % SC @ 80 ml/acre & Flubendiamide	1	1	5	-	5	

			39.35 % SC @ 80 ml/acre on at 15 days interval						
7.	Mango	Pest Management	Chemical management of stone weevil in Mango Spraying of Delthamethrin 2.8% EC / Cypermethrin 25% EC @ 200 ml/acre first during marble stage and 2nd at 15 days later	1	1	5	-	5	
8	Rice	Farm Mechanization	Demonstration on OUAT Three Row Manual Transplanter in Rice	2	2	5	-	5	
9	Rice	Farm Mechanization	Demonstration on Bullock Drawn Puddler in Rice	2	2	5	-	5	

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/ha)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P_2O_5	K_2O					
Tomato	Kharif	Rainfed	Redloam	239.1	57.4	378.9	Cowpea	28.8.2017	15.11.2017	10149	56.1

Brinjal	Kharif	Rainfed	Redloam	174.3	17.5	114.3	Cauliflower	17.9.2017	8.12.2017	10149	56.1
Broccoli	Rabi	Irrigated	Redloam	257.3	66.02	216.3	Brinjal	21.11.2017	15.01.2018		
Rice	Kharif	Irrigated medium land Rainfed medium land	Redloam	216.4	12.9	230.5	Vegetable Greengram	7.8.2017	12.11.2017	10149	56.1
Rice	Kharif	Rainfed & irrigated upland	Redloam	219.5	21.5	159.3	Rice fallow & Vegetable	9.7.2017	25.10.2017	10149	56.1
Brinjal	Rabi	Irrigated	Redloam	174.3	17.5	114.3	Rice	11.12.2017	18.2.2018		-
Mango	Rabi	Irrigated	Redloam	253.1	47	111	Mango	21.2.2018	-	-	-
Rice	Kharif	Irrigated medium land Rainfed medium land	Redloam	216.4	12.9	230.5	Rice Fallow	6.7.2017	25.10.2017	10149	56.1
Rice	Kharif	Irrigated medium land Rainfed medium land	Redloam	219.5	21.5	159.3	Rice Fallow	10.7.2017	1.11.2017	10149	56.1

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: NA

Frontline demonstrations on oilseed crops : NA

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

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

Pulses : NA

Frontline demonstration on pulse crops

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

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

Other crops

Crop	Thematic area	Name of the technology demonstrated	No. of Farmer	Area (ha)	Yield (q/ha)		% change in yield	Other parameters		*Economics of demonstration (Rs./ha)				*Economics of check (Rs./ha)			
					Demonstration	Check		Demo	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Tomato	Varietal introduction	Demonstration Tomato hybrid Swarna Sampad	5	1	514.2	422.3	21.76	10 fruit wt. (g) 689.5g	599.8g	58200	257000	198800	4.4	56350	211150	154800	3.74
Brinjal	Varietal introduction	Demonstration wilt resistant Brinjal cv. Swarna Shyamali	5	1	332.4	258.9	28.3	Avg. fruit wt (g) 275.25g	158.8g	42380	166200	123820	3.9	41750	129450	87700	3.1
Broccoli	Crop diversification	Demonstration on Cultivation of broccoli var. Green Magic	5	1	127.5	96 (Broccoli eqv. Yld. of Cauliflower)	32.8	Avg. Bud wt. (g) 232.4g	131.4 g (Broccoli eqv. wt. of Cauliflower)	46600	191250	144650	4.9	46600	144000	97400	3.09
Rice	Integrated Pest Management	Demonstration on integrated management of stem borer in Rice	5	2	21.6	17.8	21.3	Eggs / sq.m. 2.2	1	21560	34580	11920	1.85	19230	27590	8360	1.64
Rice	Weed Management	Demonstration on Pretilachlore and Almix for controlling weed in upland rice	5	2				Weed intensity (no./sq.m.) 26.2	15.6	20137	31605	11468	1.88	16775	25575	8800	1.65
Brinjal	Pest management	Demonstration on management of Fruit and shoot borer in Brinjal	5	1	248	208	19	2 plants /m^2	7 plants/m^2	42000	124000	82000	2.95	40500	104000	63500	2.56
Mango	Pest management	Chemical management of stone weevil in Mango	5	2	Cont..	-	-	-	-	-	-	-	-	-	-	-	-
Rice	Farm Mechanization	Demonstration on OUAT Three Row Manual Transplanter in Rice	5	0.5	28.6	28.0	2	Field Capacity (m^2/h) 120	Field Capacity (m^2/h) 50	23030	44330	21300	1.8	24000	43400	19400	1.92

Rice	Farm Mechanization	Demonstration on Bullock Drawn Puddler in Rice	5	1	28.8	28.0	3	Field Capacity (ha/h) 0.060	0.023	22740	44640	21900	1.96	24000	43400	19400	1.92
		Total	45	14													

Livestock -NA

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

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

** BCR= GROSS RETURN/GROSS COST

Fisheries -NA

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

Others (pl.specify)																	
	Total																

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

Other enterprises : NA

Category	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.) or Rs./unit				*Economics of check (Rs.) or Rs./unit			
				Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Oyster mushroom	Enterprise development															
Button mushroom																
Vermicompost	Vermicomposting in poly vermi bed	50	50													
Sericulture																
Apiculture																
Others (pl.specify)																
Total		50	50													

* 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 : NA

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

Farm implements and machinery

Name of the implement	Crop	Name of the technology demonstrated	No. of Farmer	Area (ha)	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit)			
					Demonstration	Check									
OUAT three row manual transplanter	Paddy	Mechanical Transplanting using OUAT three row manual transplanter	5	0.5	Field Capacity (m^2/h) 120	Field Capacity (m^2/h) 50	140	20	25	5		1000			
OUAT Bullock Drawn Puddler	Paddy	Mechanical puddling using Bullock Drawn Puddler	5	1	Field Capacity (ha/h) 0.060	Field Capacity (ha/h) 0.023	160	36	43	7		1250			

*** 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 :NA

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

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

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

Technical Feedback on the demonstrated technologies

Sl. No	Crop	Feed Back
1	Tomato	Cultivation of Hyb. Swarna Sampad increases the yield to 21.76 % over the local check Hyb. Lakshmi
2	Brinjal	Cultivation of wilt tolerant Brinjal var. Swarna Shyamali increases yield upto 28.3% over local check var. Greenstar Chemical management of shoot & fruit borer decreases 28% pest incidence.
3	Broccoli	Crop diversification in irrigated upland situation from cauliflower to broccoli increases the income to 148%.
4	Rice	IPM for control of stem borer increases yield to 21.3% Application of herbicide in upland rice saves 20% cost of cultivation expenditure
5	Rice	Integrated management of stem borer given a better result than conventional/Chemical control
6	Brinjal	Increase in profit due to IPM practices followed at proper stages
7	Three row manual transplanter	Three row manual transplanter may be provided with suitable subsidy through government. The implement is highly appreciated by small and marginal farmers
8	Bullock drawn puddler	By using this implement labour cost and time consumption was noticeably reduced and farmers interested to purchase the implement .

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	28.7.2017 20.9.2017 25.9.2017 20.10.2017 14.11.2017 4.12.2017 30.1.2018 15.2.2018	8	160	Conducted during spraying of pesticides, fruiting stage & harvesting stage of crops
2.	Farmers Training	22.08.2017 23.10.2017 27.10.2017 21.6.2017 25.07.2017 21.9.2017 23.8.2017 18.12.2017	3	75	Training under FLD on Brinjal, Tomato& Broccoli, Bullock drawn puddler, IPM in paddy, Manual transplanter, Weed Management
3.	Media coverage	17.08.2017 8.11.2017 22.08.2017	3	75	FLD on Three row manual transplanter & Bullock drawn puddler
4.	Training for extension functionaries	-	-	-	

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

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Greengram	Greenmoong	3.6	1.38	1.04	0.9	IPM 02-14	75	30	6.8	3.7		+27	+31	-16
2	Blackgram	Greenbiri	3.1	1.58	1.54	4	PU 31	25	10	5.1	3.2		+9	+10	-36
3	Groundnut	Devi	9.2	6.88	8.67	15.8	Kadri 6 1. Seed rate-80 kg/ha 2. Seed treatment with Rhizobium 2 gm + 40 ml water/kg of seed 3. Manure & Fertilizer application 5 ton/han FYM 15 days before sowing with 125 kg/ha Gypsum, NPK-20:40:40 (DAP-87 kg/ha, Urea-10 Kg/ha, MOP-67 kg/ha) 4. Line sowing (25 cm X 10 cm) 5. Application of	75	30	16.76	9.66	12.31	3.77	5.56	9.69

							Gypsum@ 250 kg/ha, 20-25 DAS 6. Post emergence herbicide Quizalofop ethyle 5 % EC @ 2ml/lt 7. Application of Chloropyriphos 2 ml/lt to control termite 8. Application of Methyl + Mancozeb 2gm/lt for Sclerotium Rot & Tikka disease								
4	Sesame	Kalika					1. Seed rate 10 kg/ha 2. Manure & Fertilizer application -10 ton/ha, FYM, Gypsum 125 kg/ha at the time of final ploughing, NPK-30:60:30 (DAP-130 kg/ha, Urea-14 kg/ha, MOP-50 kg/ha) 3. Line sowing (30 cm X 10 cm) 4. Spraying of Trizophos@ 2 ml/lt for controlling pod borer 5. Yellow sticky trap@ 20 Nos per ha	50							

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio
1	Variety-IPM 02-14 1.Seed rate 30kg/ha (25% extra) 2. Seed treatment with carbendazim (3gm/kg of seed) 3.Paira cropping with 25 % more seed. 4. NPK : 15:40:0 kg/ha fertilizer of paira will be applied to rice prior to harvesting of paddy 5. Plant protection for Pod borer - Neem oil @ 2.5 ml./lt, Carbenda	23000	45000	22000	1.95	32000	85000	53000	2.65

	zim+ Mancozeb @ 2kg/lt far leaf spot. 6. Seed Production and Post harvest management.								
2	1. Seed rate 30kg/ha (25% extra) 2. Seed treatment with carbendazim (3gm/kg of seed) 3. Paira cropping with 25 % more seed. 4. NPK : 15:40: 0 kg/ha fertilizer of paira will be applied to rice prior to harve	8300	16000	7700	1.92	11500	25500	14000	2.21

	sting of paddy 5. Plant protection for Pod borer - Neem oil @ 2.5 ml./lt 6. For powdery mildew Metal axyl + Mancozeb @2gm/lit 7. Seed Production and Post harvest management.								
3	Kadri 6 1. Seed rate-80 kg/ha 2. Seed treatment with Rhizobium 2 gm + 40 ml water/kg of seed 3. Manure & Fertilizer	45750	101250	70000	2.21	76250	209500	133250	2.74

	application 5 ton/han FYM 15 days before sowing with 125 kg/ha Gypsum, NPK-20:40:40 (DAP-87 kg/ha, Urea-10 Kg/ha, MOP-67 kg/ha) 4. Line sowing (25 cm X 10 cm) 5. Application of Gypsum@250 kg/ha, 20-25 DAS 6. Post emergence herbicide Quizalofopethyle 5 % EC @ 2ml/lt 7. Application of Chloropyripho								

	s 2 ml/lt to control termite 8. Application of Methyl + Mancozeb 2gm/lt for Sclerotium Rot & Tikka								
4	1. Seed rate 10 kg/ha 2. Manure & Fertilizer application -10 ton/ha, FYM, Gypsum 125 kg/ha at the time of final ploughing, NPK-30:60:30 (DAP-130 kg/ha, Urea-14 kg/ha, MOP-50 kg/ha) 3. Line sowing (30 cm X 10 cm) 4. Spraying of Trizophos@ 2	Crops are in field							

	ml/lt for controlling pod borer 5. Yellow sticky trap@ 20 Nos per ha								

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Greengram, IPM 02-14	680	400	50	80	200	Family Development and repairing of house	3
2	Blackgram PU-31	510	250	50	100	160	Children higher education	2
3	Groundnut, Kadri-6	1676	500	50	500	626	Development of his house and children education	2
4	Sesame Prachi	Standing crop (pod filling stage)	-	-	-	-	-	-

D. Oilseed Farmers' perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	Groundnut Kadri 6	Yes	Yes	Yes	No	Yes	➢ This variety is not easily available in the market. ➢ Seed cost is high
2	Sesame Prachi	-	-	-	-	-	-

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Greengram-IPM 02-14 is a YMV resistant variety	Yield performance is good	Seed quality is better than local variety	Farmers are satisfied with the variety and technology demonstrated
Blackgram-PU 31 is a powdery mildew resistant variety	Yield performance is good	Seed quality is better than local variety	Farmers are satisfied with the variety and technology demonstrated
Seed treatment with Rhizobium 2 gm + 40 ml water/kg of seed Manure & Fertilizer application 5 ton/han FYM 15 days before sowing with 125 kg/ha Gypsum, NPK-	By using this technology farmers get more yield	Seed treatment with Rhizobium, Application of Gypsum and timely application of fertilizer (STB) with need based pesticide	Farmers are very happy with this technology and near by farmers are also interested to adopt this technology

20:40:40 (DAP-87 kg/ha, Urea-10 Kg/ha, MOP-67 kg/ha), Line sowing (25 cm X 10 cm), Application of Gypsum@250 kg/ha, 20-25 DAS			
Seed rate 10 kg/ha Manure & Fertilizer application -10 ton/ha, FYM, Gypsum 125 kg/ha at the time of final ploughing, NPK-30:60:30 (DAP-130 kg/ha, Urea-14 kg/ha, MOP-50 kg/ha) Line sowing (30 cm X 10 cm) Spraying of Trizophos@ 2 ml/lt for controlling pod borer Yellow sticky trap@ 20 Nos per ha	-	-	-

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training-Greengram	S. Kurlunda 14.11.2017	50
2	Field day-Greengram	S. Kurlunda 5.01.2018	20
3	Training-Blackgram	Santoshpur 27.11.2017	50
4	Field day-Blackgram	Santoshpur 10.1.2018	20
5	Training Programme to farmers on Scientific cultivation of Groundnut	30.01.2018, Gumma	50
6	Field day-Groundnut	16.02.2018 , Kuttam	20
7	Training Programme to farmers on Scientific cultivation of Sesame	8.03.2018, Adamguda	50
8	Field day- Sesame		20

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

Greengram



Blackgram



Groundnut



Sesame



H. Farmers' training photographs



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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Greengram	i) Critical input	30000	178080	
	ii) TA/DA/POL etc. for monitoring		6280	
	iii) Extension Activities (Field day)		6300	
	iv)Publication of literature		6000	
	Total	**30000**	**196660**	
Blackgram	i) Critical input		48646	
	ii) TA/DA/POL etc. for monitoring		4000	
	iii) Extension Activities (Field day)		6300	
	iv)Publication of literature		6000	
	Total		**64646**	
Groundnut	i) Critical input	255000	198274	29426
	ii) TA/DA/POL etc. for monitoring		15000	
	iii) Extension Activities (Field day), Training		6300	
	iv)Publication of literature		6000	
	Total	**255000**	**225574**	**29426**
Sesame	i) Critical input		55807	
	ii) TA/DA/POL etc. for monitoring		6000	
	iii) Extension Activities (Field day), Training		6300	
	iv)Publication of literature		6000	
	Total		**74107**	

K. List of Farmer under FLD (Crop wise)

Greengram

Name of farmer	Father'sname	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		
Budha Sabar	Gopinath Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	Seed, Seed treatment by Carbendazim, Need based pesticide	IPM 02-14	12	6.8	3.7	5.2	3.6	30.77
Lacchi Sabar	Lakhia Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	5.2	3.6	30.77
Manga Sabar	Bambata Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	5.5	3.6	34.55
Negesh	Sabara	S.Kurlund	Gumm	9438 3519		18.8258	84.060	Yes	N-25 P-45	do	IPM 02-	12	6.	3.	4.	3.6	26.5

Sabar	Sabar	a	a	02			1		K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26		14		8	7	9		3
Sambari Sabar	Saka Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	4.8	3.6	25
Adi Sabar	A Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	5.2	3.6	30.77
Mangi Sabar	Mangada Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	5.9	3.6	38.98
Sampan Sabar	Mita Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	6.1	3.6	40.98
kaduka Sabar	Kushan Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39	do	IPM 02-14	12	6.8	3.7	5.9	3.6	38.98

									Oc-1.26								
Rabi Sabar	Bambala Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	4.9	3.6	26.53
Papanao Sabar	Krishna Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	6.4	3.6	43.75
Raju Sabar	Mangada Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	5.8	3.6	37.93
Sambara Sabara	pati Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	5.6	3.6	35.71
Gudia Sabar	Sabara Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	4.8	3.6	25
Galin Sabar	Bambata Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48	do	IPM 02-14	12	6.8	3.7	6.1	3.6	40.98

									pH-5.41 Ec-0.39 Oc-1.26								
Sambar Sabar	pati Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	6.3	3.6	42.86
Krishna sabar	Kduka Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	5.8	3.6	37.93
Surayа Sabar	Lukia Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	5.6	3.6	35.71
Nuka Sabar	Alapi Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	6.2	3.6	41.94
Sambara Sabara	Adi Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	6.3	3.6	42.86

Barik Sabar	Suku Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	6.5	3.6	44.62
Sashi Gomango	Surabada Gomango	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	6.8	3.6	47.06
Barik Sabar	Laky a Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	6.4	3.6	43.75
Ugadi Sabar	Siha Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	5.8	3.6	37.93
Narayana Sabar	Samaya Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	5.7	3.6	36.84
Lachhana Sabar	Samial Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41	do	IPM 02-14	12	6.8	3.7	6.3	3.6	42.86

									Ec-0.39 Oc-1.26								
Kliyas Gomango	Tiya Gomango	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	6.5	3.6	44.62
Simiya Gomango	Simadri Gomango	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	5.8	3.6	37.93
Masuru sabar	Andriya Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	6.4	3.6	43.75
Kartika Sabar	Dina Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	IPM 02-14	12	6.8	3.7	5.9	3.6	38.98
Kamalo Kumbha	Labnya Kumbho	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.8	3.6	37.93
Gouri Sama	Chakrapa	Kujasing	Gumm	7894 4004		18.54 28	84. 806	Yes	N-23 P-42	do	IPM 02-	12	6.	3.	6	3.6	40

l	ni Ragas		a	51			2		K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22		14		8	7			
Banamali Kumbha	Kamala Kumbha	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.7	3.6	36.84
Jogi Dalai	Damburu Dalai	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	6.2	3.6	41.94
Jayadev Karjee	Brundaban Karjee	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.8	3.6	37.93
Umasankar Dalai	Chaitnya Dalai	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.2	3.6	30.77
Madhab Dalai	Damburu Dalai	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32	do	IPM 02-14	12	6.8	3.7	6.5	3.6	44.62

									Oc-1.22								
Rashmita Khandual	Narasingh Kumbha	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.9	3.6	38.98
Narasigh Kumbha	Baraj Kumbha	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.4	3.6	33.33
Sabitri Kumbha	Sukuria Ragas	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	6.2	3.6	41.94
Damani Kumbha	Harikrushna Kumbha	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	6.1	3.6	40.98
Barik Ragas	Balaji Ragas	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.6	3.6	35.71
Sukuria Nayak	Tankadhar Naya	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46	do	IPM 02-14	12	6.8	3.7	5.4	3.6	33.33

	k								pH-5.39 Ec-0.32 Oc-1.22								
Sadananda Karjee	Bhikari Karjee	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	6.1	3.6	40.98
Parbati Kumbha	Budhua Kumbha	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.8	3.6	37.93
Jagannath Patra	Ekadasi Patra	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.4	3.6	33.33
Brundabati Patra	T. Patra	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	6.2	3.6	41.94
Prabhakar Karjee	Trinath Karjee	Jagannathpur	Gumma	7894400451		18.8740	84.1460	Yes	N-22 P-41 K-39 S-43 pH-5.48 Ec-0.38 Oc-1.21	do	IPM 02-14	12	6.8	3.7	4.2	3.6	14.29

Khageswar Goura	Radhakrushna Goura	Jagannathpur	Gumma	789440051		18.8740	84.1460	Yes	N-22 P-41 K-39 S-43 pH-5.48 Ec-0.38 Oc-1.21	do	IPM 02-14	12	6.8	3.7	4.5	3.6	20
Narayan Karjee	Bhikari Karjee	Jagannathpur	Gumma	789440051		18.8740	84.1460	Yes	N-22 P-41 K-39 S-43 pH-5.48 Ec-0.38 Oc-1.21	do	IPM 02-14	12	6.8	3.7	3.9	3.6	7.692
Chaitanya Kumbha	Bhima Kumbha	Kujasing	Gumma	789440051		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.4	3.6	33.33
Judhistir Raipatra	narahari Raipatra	Kujasing	Gumma	789440051		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.3	3.6	32.08
Bhagaban Kumbha	labanya Kumbha	Kujasing	Gumma	789440051		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	6.7	3.6	46.27
Ramakrushna Khandual	Purusottam Khandual	Kujasing	Gumma	789440051		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39	do	IPM 02-14	12	6.8	3.7	5.8	3.6	37.93

									Ec-0.32 Oc-1.22								
Mohan Bhumal	Mangala Bhumal	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.4	3.6	33.33
Gopal Ragasa	Sukuria Ragas	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.6	3.6	35.71
brindaban Dalai	Srikanta dalai	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.2	3.6	30.77
Mukunda Karjee	Sadanada karjee	Jagannathpur	Gumma	7894400451		18.8740	84.1460	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	3.7	3.6	2.703
Gurubari Khandual	Parsuram Ragas	Kujasing	Gumma	7894400451		18.5428	84.8062	Yes	N-23 P-42 K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22	do	IPM 02-14	12	6.8	3.7	5.7	3.6	36.84
Nila Raipa	Rath Raip	Kujasing	Gumm	7894400		18.5428	84.806	Yes	N-23 P-42	do	IPM 02-	12	6.	3.	6	3.6	40

tra	atra		a	51			2		K-37 S-46 pH-5.39 Ec-0.32 Oc-1.22		14		8	7			
Jayeb Dalabehera	Pintula Dalabehera	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39 Oc-1.25	do	IPM 02-14	12	6.8	3.7	5.9	3.6	38.98
raghu Dalabehera	Pradhani Dalabehera	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39 Oc-1.25	do	IPM 02-14	12	6.8	3.7	5.7	3.6	36.84
Daud a Raita	God u Raita	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39 Oc-1.25	do	IPM 02-14	12	6.8	3.7	5.8	3.6	37.93
Esa raita	Sidha Raita	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39 Oc-1.25	do	IPM 02-14	12	6.8	3.7	5.4	3.6	33.33
jannath Raita	Pitar Raita	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39	do	IPM 02-14	12	6.8	3.7	5.1	3.6	29.41

									Oc-1.25								
Bulu Raita	Mikhel raita	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39 Oc-1.25	do	IPM 02-14	12	6.8	3.7	4.8	3.6	25
Anam Raita	Taranga Raita	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39 Oc-1.25	do	IPM 02-14	12	6.8	3.7	5	3.6	28
Timoti Dalabehera	Pintula Dalabehera	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39 Oc-1.25	do	IPM 02-14	12	6.8	3.7	4.9	3.6	26.53
Manasi Dalabehera	Punia Dalabehera	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39 Oc-1.25	do	IPM 02-14	12	6.8	3.7	4.7	3.6	23.4
Philip Gomango	Bijaya Gomango	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39 Oc-1.25	do	IPM 02-14	12	6.8	3.7	5.1	3.6	29.41
Jakiya Dalabehera	Martta Dalabehe	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43	do	IPM 02-14	12	6.8	3.7	4.6	3.6	21.74

	ra								pH-5.41 Ec-0.39 Oc-1.25								
Adam raita	Arna Raita	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39 Oc-1.25	do	IPM 02-14	12	6.8	3.7	4.9	3.6	26.53
Prakash Dalabehera	Punia Dalabehera	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39 Oc-1.25	do	IPM 02-14	12	6.8	3.7	4.8	3.6	25
Mangada Raita	Jakob Raita	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39 Oc-1.25	do	IPM 02-14	12	6.8	3.7	5.1	3.6	29.41
Daniel Dalabehera	Punia Dalabehera	Patipanka	Mohana	9437496288		19.2553	84.7407	Yes	N-22 P-40 K-38 S-43 pH-5.41 Ec-0.39 Oc-1.25	do	IPM 02-14	12	6.8	3.7	5.2	3.6	30.77

b) Blackgram

Name of farmer	Father'sname	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude						H	L	A		
Mandiningi sanjeeba Rao	Mandingi Dandasi	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47 pH-5.43 Ec-0.41 Oc-1.26	Seed, Seed treatment by Carbendazim, Need based pesticide	PU 31	12	5.1	3.2	5.1	3.1	29.4
Neradi Venkat Rao	Neradi narayan	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47 pH-5.43 Ec-0.41 Oc-1.26	do	PU 31	12	5.1	3.2	4.8	3.1	25
Palaka Lochana	Palaka Nokana	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47 pH-5.43 Ec-0.41 Oc-1.26	Do	PU 31	12	5.1	3.2	5	3.1	28
Neradi Jasoda	Neradi Sombabu	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47 pH-5.43 Ec-0.41	Do	PU 31	12	5.1	3.2	4.9	3.1	26.5

									Oc-1.26								
Neradi Sanjeev	Neradi Balakrishna	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47 pH-5.43 Ec-0.41 Oc-1.26	Do	PU 31	12	5.1	3.2	4.7	3.1	23.4
Madingi Purnabasi	Nimatu Surgi	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47 pH-5.43 Ec-0.41 Oc-1.26	do	PU 31	12	5.1	3.2	4.9	3.1	26.5
Kudingi Ranga	Kudungi Soura	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47 pH-5.43 Ec-0.41 Oc-1.26	Do	PU 31	12	5.1	3.2	5	3.1	28
Neradi Rabanamma	Palak Balaram	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47 pH-5.43 Ec-0.41 Oc-1.26	Do	PU 31	12	5.1	3.2	4.9	3.1	26.5
Majhi Sattin	Majhi Jagulu	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47 pH-5.43 Ec-0.41 Oc-1.26	Do	PU 31	12	5.1	3.2	4.1	3.1	12.2
Madingi Aplaswa	Madingi Ennu	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47	Do	PU 31	12	5.1	3.2	5	3.1	28

mi									pH-5.43 Ec-0.41 Oc-1.26								
Neradi Apalaswami	Neradi Balaram	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47 pH-5.43 Ec-0.41 Oc-1.26	do	PU 31	12	5.1	3.2	4.5	3.1	20
madingi Rajarao	Madingi Shyam	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47 pH-5.43 Ec-0.41 Oc-1.26	Do	PU 31	12	5.1	3.2	4.7	3.1	23.4
Nerdi Labanya	Neradi Balaram	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47 pH-5.43 Ec-0.41 Oc-1.26	Do	PU 31	12	5.1	3.2	4.1	3.1	12.2
Neradi Basudeb	N. Surjya Narayan	Santoshpur	Gumma	9668988451		18.5142	84.7319	Yes	N-26 P-48 K-40 S-47 pH-5.43 Ec-0.41 Oc-1.26	Do	PU 31	12	5.1	3.2	4.3	3.1	16.3
Raju Sabar	Mangala Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	PU 31	12	5.1	3.2	4.8	3.1	25

Sambara Sabar	Pati Sabar	S.Kurlunda	Gumma	943835190 2		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	Do	PU 31	12	5.1	3.2	4.7	3.1	23.4
Gudia Sabar	Sanbara Sabar	S.Kurlunda	Gumma	943835190 2		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	Do	PU 31	12	5.1	3.2	4.6	3.1	21.7
Gasin Sabar	Banbata Sabar	S.Kurlunda	Gumma	943835190 2		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	Do	PU 31	12	5.1	3.2	4.5	3.1	20
Narayan Sabar	hadia Sabar	Bitisingi	Gumma	943835190 2		18.8354	84.1466	Yes	N-24 P-45 K-39 S-43 pH-5.39 Ec-0.38 Oc-1.21	do	PU 31	12	5.1	3.2	5	3.1	28
Linapani Sabar	Mondal Sabar	Bitisingi	Gumma	943835190 2		18.8354	84.1466	Yes	N-24 P-45 K-39 S-43 pH-5.39 Ec-0.38 Oc-1.21	Do	PU 31	12	5.1	3.2	3.7	3.1	2.7
Prafulla Kumari Sabar	Midika Sabar	Bitisingi	Gumma	943835190 2		18.8354	84.1466	Yes	N-24 P-45 K-39 S-43 pH-5.39	Do	PU 31	12	5.1	3.2	3.8	3.1	5.26

									Ec-0.38 Oc-1.21								
Sunasagada Venkata Rao	Sunasagada Chiranjibilu	Bitisingi	Gumma	9438351902		18.8354	84.1466	Yes	N-24 P-45 K-39 S-43 pH-5.39 Ec-0.38 Oc-1.21	Do	PU 31	12	5.1	3.2	4	3.1	10
Krishna Sabar	Kuduka Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	do	PU 31	12	5.1	3.2	3.9	3.1	7.69
Suraya Sabar	Lukia Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	Do	PU 31	12	5.1	3.2	4.2	3.1	14.3
Rabi Sabar	Bambala Sabar	S.Kurlunda	Gumma	9438351902		18.8258	84.0601	Yes	N-25 P-45 K-39 S-48 pH-5.41 Ec-0.39 Oc-1.26	Do	PU 31	12	5.1	3.2	4.5	3.1	20

c) Groundnut

Name of farmer	Father'sname	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)	Soil testing done (Yes/N	Recommendations based on soil test	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)	Yield of local check q/ha	%increa

								o)	value								se
						Latitude	Longitude						H	L	A		
Dapina Raita	Adityа Raita	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	Gypsum-100 kg, Carbendezim-2.gm/kg, Weedicide, Need based pesticide	Kadri-6	60	16.76	9.66	11.23	9	24.8
Jakubo Gomango	Pagala Gomango	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	10.4	8.2	26.8
Gutano Bhuya	Musaru Bhuya	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.7	9.3	25.8
Amoso Bhuyan	Gutano Bhuyan	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39	do	Kadri-6	60	16.76	9.66	10.54	9.4	12.1

									Oc-1.26								
Dsako Bhuyan	Puraito Bhuyan	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.42	9.5	20.2
John Gamango	Pagala Gomango	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	9.8	9	8.89
Anansyo Raito	Dumba Raita	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	9.66	8.6	12.3
Jusep Bhuya	Suranju Bhuya	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	10.45	8.2	27.4
Abiyo Gamango	Podanu Gamango	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-	do		60	16.76	9.66	9.7	8.4	15.5

									1.26								
Samuel Raita	Adity a Raita	T. Vall ery	Gu m ma	9583 2321 46		18. 539 3	83. 572 8	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Ka dri-6	60	1 6. 7 6	9 . 6 6	1 0. 3	8.4	2 2 . 6
Ismail Raita	Man gjal Raita	T. Vall ery	Gu m ma	9583 2321 46		18. 539 3	83. 572 8	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Ka dri-6	60	1 6. 7 6	9 . 6 6	1 1. 2	8.9	2 5 . 8
Phil man Raita	Keke Raita	T. Vall ery	Gu m ma	9583 2321 46		18. 539 3	83. 572 8	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Ka dri-6	60	1 6. 7 6	9 . 6 6	1 0. 5	8.7	2 0 . 7
Lazar Raita	Keke Raita	T. Vall ery	Gu m ma	9583 2321 46		18. 539 3	83. 572 8	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Ka dri-6	60	1 6. 7 6	9 . 6 6	1 0. 4	8.4	2 3 . 8
Gorie Raito	Pee Raito	T. Vall ery	Gu m ma	9583 2321 46		18. 539 3	83. 572 8	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Ka dri-6	60	1 6. 7 6	9 . 6 6	9. 8	7.9	2 4 . 1

Jokiyo Raita	Adityа Raita	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	10.3	8.6	19.8
Ugadu Raita	Mangjal Raita	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.5	9.2	25
Jamma Raito	Burubada Raito	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.4	9.2	23.9
Rajino Raita	Godjang Raita	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	9.8	9.5	3.16
Josiyo Raita	Karjino Raita	T. Vallery	Gumma	9583232146		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.4	9.7	17.5
Kale	Karji	T.	Gu	9583		18.	83.	Yes	N-	do	Ka	60	1	9	1	8.9	1

bo Raita	no Raita	Vallery	mma	232146		5393	5728		24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26		dri-6		6.76	.66	0.45	7.4
Gadsaru Raita	Gadjana Raita	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.6	9.3	24.7
Ayori Gomango	Tabij Gomango	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.23	9.5	18.2
Kamanu Bhuya	Solaka Bhuya	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.8	10.1	16.8
Dumbabri Gomango	Pagala Gomango	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	10.4	9.1	14.3
Ebol Gom	Tabiya	T. Vall	Gum	958323 21		18.539	83.572	Yes	N-24	do	Kadri-	60	16.	9.	10.	9.36	14

ango	Gom ango	ery	ma	46		3	8		P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26		6		76	66	7	.3
Bigan Bhuyan	Suku Bhuyan	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	10.2	8.29	23
Kalebo Bhuyan	Bebe Bhyan	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11	8.47	29.9
Engkana Gom ango	Tabij Gom ango	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.6	10.1	14.9
Isako Bhuya	Puraita Bhuyan	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.1	9.98	11.2
Pasno Bhuy	M Bhuyan	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47	do	Kadri-6	60	16.7	9.6	11.2	9.16	22.

an									K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26				6	6			3
Simiyo Bhuyan	Gadatang Bhyan	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	10.8	8.88	21.6
Jirimiyo Raita	Dumba Raita	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11	9.5	15.8
Suku Raita	Mangada Raita	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.4	10.2	11.8
Elisayo Raita	Gudamo Raita	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	10.5	8.29	26.7
Saiman Bhuyan	Dugal raito	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39	do	Kadri-6	60	16.76	9.66	11.4	9.97	14.3

									S-43 pH-5.43 Ec-0.39 Oc-1.26								
Eliya Raita	Guda ma Raita	T. Vall ery	Gu m ma	9583 2321 46		18. 539 3	83. 572 8	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Ka dri-6	60	16. 76	9. 66	11. 6	9.43	23
Gusa ru Raita	Suar u Raita	T. Vall ery	Gu m ma	9583 2321 46		18. 539 3	83. 572 8	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Ka dri-6	60	16. 76	9. 66	10. 8	9.4	14. 9
Ayub o Raita	Suar u Raita	T. Vall ery	Gu m ma	9583 2321 46		18. 539 3	83. 572 8	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Ka dri-6	60	16. 76	9. 66	11. 25	9.47	18. 8
Jikori o Raita	Sudu na raita	T. Vall ery	Gu m ma	9583 2321 46		18. 539 3	83. 572 8	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Ka dri-6	60	16. 76	9. 66	10. 84	8.88	22. 1
Abed o Raita	Anus o Raita	T. Vall ery	Gu m ma	9583 2321 46		18. 539 3	83. 572 8	Yes	N-24 P-47 K-39 S-43	do	Ka dri-6	60	16. 76	9. 66	10. 65	8.47	25. 7

									pH-5.43 Ec-0.39 Oc-1.26								
marko Bhuyan	Arapati Bhuyan	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.5	9.21	24.9
Abedo Bhuya	Jirimiyo Bhuya	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	10.8	9.13	18.3
Junesh Bhuya	Pinde Bhuya	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.5	10.47	9.84
Pareshu Bhuya	Tarbano Bhuya	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.23	9.88	13.7
Lokino Bhuya	Jusep h Bhuya	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-	do	Kadri-6	60	16.76	9.66	10.4	9.48	9.7

									5.43 Ec-0.39 Oc-1.26								
Israil Bhuya	Tarbano Bhuya	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do	Kadri-6	60	16.76	9.66	11.3	10.11	11.8
Gayo Gamango	Kanjons Gamango	T. Vallery	Gumma	958323214 6		18.5393	83.5728	Yes	N-24 P-47 K-39 S-43 pH-5.43 Ec-0.39 Oc-1.26	do		60	16.76	9.66	10.8	9.1	18.7
Ganasuhu Sabar	Misalang Sabar	Kuttam	Gumma	889576648 6		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	11.23	10.28	9.24
Samson Sabar	Ashin Sabar	Kuttam	Gumma	889576648 6		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	15	12.48	20.2
Pradip Sabar	Mislang Sabar	Kuttam	Gumma	889576648 6		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37	do	Kadri-6	60	16.76	9.66	14.5	12.41	16.8

									Oc-1.23								
Limpo Sabar	Sundam Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	13.9	11.21	24
Gopana Gomango	Tangasaru Gomango	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	12.8	11.23	14
Sulam Sabar	Peta Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	13.5	12.1	11.6
Istipan Sabar	Budhadeb Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	14.6	11.88	22.9
Pramod Sabar	Labanta Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	11.5	9.47	21.4
Adikanda Sahu	Arjun Sahu	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47	do	Kadri-6	60	16.76	9.66	15.8	12.47	26.7

									pH-5.43 Ec-0.37 Oc-1.23								
Gobind paik	Nandaram Paik	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	14.8	12.2	21.3
Salim Sabar	Egan Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	15.8	13.4	17.9
Eni Gomango	Tarabasu Gomango	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	16.2	12.98	24.8
Anil Sabar	Sirungu Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	16.4	13.4	22.4
Sirungu Sabar	Ashin Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	10.4	8.2	26.8

Uma Sankar Sahu	Arjun Sahu	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	16.76	13.7	22.3
Sasanka Raika	Ara Raika	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	15.7	12.44	26.2
Abol Gamango	Nibaru Gomango	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	15.4	12.3	25.2
Dukha paika	Krushna Paik	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	14.9	11.93	24.9
Suranjit Sabar	Ashin Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	14.9	12.44	19.8
Padman Sabar	Lakia Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43	do	Kadri-6	60	16.76	9.66	16.4	13.4	22.4

									Ec-0.37 Oc-1.23								
Simiya Sabar	Tulugu Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	16.3	13.12	24.2
Gaya Raita	Masika Raita	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	16.2	13.5	20
Pradip Kumar Dalai	Makardhwaj Dalai	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	16.4	13.6	20.6
Purna Sabar	Saniya Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	16.2	14.2	14.1
Gyana Sabar	Agada Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	16.4	12.93	26.8
Agada	M Sabar	Kuttam	Gum	8895766		19.569	84.189	Yes	N-26 P-46	do	Kadri-	60	16.	9.	11.	9.42	21

Sabar			ma	86		0	0		K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23		6		76	66	4		
Aspata Sabar	Piulu Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	14.8	12.56	17.8
Sunil Sabar	Sirengu Sabar	Kuttam	Gumma	8895766486		19.5690	84.1890	Yes	N-26 P-46 K-40 S-47 pH-5.43 Ec-0.37 Oc-1.23	do	Kadri-6	60	16.76	9.66	14.7	12.03	22.2

d) Sesame

Name of farmer	Father'sname	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	%increase
						Latitude	Longitude						H	L	A		
Paulo Sabar	Lachhana Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	Manure & Fertilizer application -10 ton/ha, FYM,	Prachi	10					

										Gypsum 125 kg/ha, NPK-30:60:30 (DAP-130 kg/ha, Urea-14 kg/ha, MOP-50 kg/ha), Spraying of Trizophos @ 2 ml/lt, Yellow sticky trap 20No/ha							
Beniyam Sabar	Sanabudu Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Lunju Sabar	Sambhara Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38	do	Prachi	10					

									Oc-1.23								
Filip Raita	Sanya Raita	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Eliajar Sabar	Kudu ka Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Manosi Sabar	fata Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Jirimiya Raita	Manga Raita	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Jama Sabar	Sumbhara Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Mandu Raika	Kudu ka Raika	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39	do	Prachi	10					

									pH-5.41 Ec-0.38 Oc-1.23								
Diban Raita	Pudaraita	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Arjun Sabar	Mangada Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Lasa Sabar	Malinga Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Narayan Sabar	lakia Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Jama Sabar	Sanabudu Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					

Mojesh Sabar	Kaduka Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Chaitanya Sabar	Budu Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Bijay Raita	Shuka Raita	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
lachhana Bhuyan	Gagana Bhuyan	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Manga Sabar	Singar Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41 Ec-0.38 Oc-1.23	do	Prachi	10					
Jikanya Sabat	Mikael Sabar	Parsambha	Gumma	7328035879		18.5116	84.2516	Yes	N-23 P-48 K-43 S-39 pH-5.41	do	Prachi	10					

									Ec-0.38 Oc-1.23								
Sidak Bhuyan	Bishu Bhuyan	Taraba	Gumma	8895766486		19.1243	84.1904	Yes	N-26 P-46 K-41 S-37 pH-5.48 Ec-0.33 Oc-1.29	do	Prachi	10					
Gedli Sargib	Gandhi Rama Rao	Taraba	Gumma	8895766486		19.1243	84.1904	Yes	N-26 P-46 K-41 S-37 pH-5.48 Ec-0.33 Oc-1.29	do	Prachi	10					
Kanta Rao Ratnanala	K Rao	Taraba	Gumma	8895766486		19.1243	84.1904	Yes	N-26 P-46 K-41 S-37 pH-5.48 Ec-0.33 Oc-1.29	do	Prachi	10					
Lankalapalli	L Ramana	Adangguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Lankalapalli Surinarayan	L Jongulu	Adangguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Palak Dami	Kantara	Adangud	Gum	9556 9633		18.847	83.933	Yes	N-22 P-43	do	Prachi	10					

lba	Lima	a	ma	42		8	8		K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26								
Debadi Dharma Rao	D Dandasi	Adanguda	Gumma	955696334 2		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Palasa Subash	Palak Suri	Adanguda	Gumma	955696334 2		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Nimala Rajarao	N Krishna	Adanguda	Gumma	955696334 2		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Johan Gomango	Pagala Gomango	Adanguda	Gumma	955696334 2		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Raju Gomango	Udumu Gomango	Adanguda	Gumma	955696334 2		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31	do	Prachi	10					

									Oc-1.26								
Raju Gomango	Adiya Gomango	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Sombara Gomango	Raghu Gomango	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Lami Medi	Majal Gomango	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Nageshu Sabar	Sania Sabar	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Sania Sabar	Bhuyan Sabar	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Mayalu Gomango	Mendu Gomango	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42	do	Prachi	10					

									pH-5.46 Ec-0.31 Oc-1.26								
Papri Sabar	Chennai Sabar	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Baburao Bhuyan	P Bhuyan	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Ramamarao Gomango	Raghu Gomango	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Mahesu Gomango	Sania Gomango	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Saintar Gomango	Raghu Gomango	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					

Jasia Gomango	Rasu Gomango	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Jacob Gomango	Pagala Gomango	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Budu Raita	Sumbara Raita	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Kundini Punaya	K Suri Narayan	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Sania Gomango	Udam Gomango	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Gutan Bhuyan	Mashroo Bhuyan	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46	do	Prachi	10					

									Ec-0.31 Oc-1.26								
Luku Gomango	Arjit Gomango	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					
Kundin Gairama	Patika Karu	Adanguda	Gumma	9556963342		18.8478	83.9338	Yes	N-22 P-43 K-39 S-42 pH-5.46 Ec-0.31 Oc-1.26	do	Prachi	10					

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

A) Farmers and farm women (on campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	0	0	0	0	0	0	4	21	25	4	21	25
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	0	0	0	0	0	0	16	9	25	16	9	25
Nursery raising	1	0	0	0	0	0	0	20	5	25	20	5	25
Export potential vegetables													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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	1	0	0	0	0	0	0	21	7	28	21	7	28
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													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening													
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements	1	0	0	0	0	0	0	21	4	25	21	4	25
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
VII. Plant Protection													
Integrated Pest Management	1	0	0	0	0	0	0	25	0	25	25	0	25
Integrated Disease Management	2	0	0	0	0	0	0	46	4	50	46	4	50
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing &													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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)													
TOTAL	8	0	0	0	0	0	0	153	50	203	153	50	203

B) Rural Youth (on campus)

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Planting material production													
Vermi-culture	1	0	0	0	0	0	0	20	5	25	20	5	25
Sericulture													
Protected cultivation of vegetable /flower crops	1	0	0	0	0	0	0	20	0	20	20	0	20
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Enterprise development													
Para vets													
Para extension workers													
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													
Orchard Management	1	0	0	0	0	0	0	8	2	10	8	2	10
IDM	1	0	0	0	0	0	0	20	5	25	20	5	25
TOTAL	4	0	0	0	0	0	0	68	12	80	68	12	80

C) Extension Personnel (on campus)

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs													
Gender mainstreaming through SHGs													
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

D) Farmers and farm women (off campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management	1	0	0	0	0	0	0	4	21	25	4	21	25
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	1	0	0	0	0	0	0	25	0	25	25	0	25
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops	2	0	0	0	0	0	0	43	7	50	43	7	50
Off-season vegetables													
Nursery raising													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	1	0	0	0	0	0	0	22	4	26	22	4	26
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													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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, (Floricultture)	1	0	0	0	0	0	0	19	6	25	19	6	25
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													
Others, if any													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any Goat farming													
V. Home Science/Women empowerment													
Household food security by kitchen gardening and nutrition gardening	1	0	0	0	0	0	0	4	21	25	4	21	25
Design and development of													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements	6	0	0	0	0	0	0	97	53	150	97	53	150
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
VII. Plant Protection													
Integrated Pest Management	2	0	0	0	0	0	0	26	24	50	26	24	50
Integrated Disease Management	1	0	0	0	0	0	0	19	6	25	19	6	25
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
IX. Production of Inputs at site													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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	16	0	0	0	0	0	0	259	142	401	259	142	401

E) RURAL YOUTH (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Mushroom Production													
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
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													
Floriculture	1	0	0	0	0	0	0	18	2	20	18	2	20
ITK	1	0	0	0	0	0	0	19	9	28	19	9	28
TOTAL	2	0	0	0	0	0	0	37	11	48	37	11	48

F) Extension Personnel (Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Protected cultivation technology	2	18	3	21	0	0	0	9	0	9	27	3	30
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs	1	10	3	13	0	0	0	2	0	2	12	3	15
Gender mainstreaming through SHGs													
Crop intensification													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
TOTAL	3	28	6	34	0	0	0	11	0	11	39	6	45

G) Consolidated table (ON and OFF Campus)

i. Farmers & Farm Women

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
I. Crop Production													
Weed Management													
Resource Conservation Technologies													
Cropping Systems													
Crop Diversification													
Integrated Farming													
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	1	0	0	0	0	0	0	25	0	25	25	0	25
Water management													
Enterprise development													
Skill development													
Yield increment													
Production of low volume and high value crops	3	0	0	0	0	0	0	59	16	75	59	16	75
Off-season vegetables													
Nursery raising	1	0	0	0	0	0	0	20	5	25	20	5	25
Exotic vegetables like Broccoli													
Export potential vegetables													
Grading and standardization													
Protective cultivation (Green Houses, Shade Net etc.)													
Others, if any (Cultivation of Vegetable)	1	0	0	0	0	0	0	22	4	26	22	4	26
TOTAL													
b) Fruits													
Training and Pruning													
Layout and Management of Orchards	1	0	0	0	0	0	0	21	7	28	21	7	28
Cultivation of Fruit													
Management of young plants/orchards													
Rejuvenation of old orchards													
Export potential fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
Others, if any(INM)													
TOTAL													
c) Ornamental Plants													
Nursery Management													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
Others, if any floriculture	1	0	0	0	0	0	0	19	6	25	19	6	25
TOTAL													
d) Plantation crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
e) Tuber crops													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
f) Spices													
Production and Management technology													
Processing and value addition													
Others, if any													
TOTAL													
g) Medicinal and Aromatic Plants													
Nursery management													
Production and management technology													
Post harvest technology and value addition													
Others, if any													
TOTAL													
III. Soil Health and Fertility Management													
Soil fertility management													
Soil and Water Conservation													
Integrated Nutrient Management													
Production and use of organic inputs													
Management of Problematic soils													
Micro nutrient deficiency in crops													
Nutrient Use Efficiency													
Soil and Water Testing													
Others, if any													
TOTAL													
IV. Livestock Production and Management													
Dairy Management													
Poultry Management													
Piggery Management													
Rabbit Management													
Disease Management													
Feed management													
Production of quality animal products													
Others, if any (Goat farming)													
TOTAL													
V. Home Science/Women													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
empowerment													
Household food security by kitchen gardening and nutrition gardening	1	0	0	0	0	0	0	4	21	25	4	21	25
Design and development of low/minimum cost diet													
Designing and development for high nutrient efficiency diet													
Minimization of nutrient loss in processing													
Gender mainstreaming through SHGs													
Storage loss minimization techniques													
Enterprise development													
Value addition													
Income generation activities for empowerment of rural Women													
Location specific drudgery reduction technologies													
Rural Crafts													
Capacity building													
Women and child care													
Others, if any													
TOTAL													
VI.Agril. Engineering													
Installation and maintenance of micro irrigation systems													
Use of Plastics in farming practices													
Production of small tools and implements	7	0	0	0	0	0	0	118	57	175	118	57	175
Repair and maintenance of farm machinery and implements													
Small scale processing and value addition													
Post Harvest Technology													
Others, if any													
TOTAL													
VII. Plant Protection													
Integrated Pest Management	3	0	0	0	0	0	0	51	24	75	51	24	75
Integrated Disease Management	3	0	0	0	0	0	0	65	10	75	65	10	75
Bio-control of pests and diseases													
Production of bio control agents and bio pesticides													
Others, if any													
TOTAL													
VIII. Fisheries													
Integrated fish farming													
Carp breeding and hatchery management													
Carp fry and fingerling rearing													
Composite fish culture & fish disease													
Fish feed preparation & its application to fish pond, like nursery, rearing & stocking pond													
Hatchery management and culture of freshwater prawn													
Breeding and culture of ornamental fishes													
Portable plastic carp hatchery													

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Pen culture of fish and prawn													
Shrimp farming													
Edible oyster farming													
Pearl culture													
Fish processing and value addition													
Others, if any													
TOTAL													
IX. Production of Inputs at site													
Seed Production													
Planting material production													
Bio-agents production													
Bio-pesticides production													
Bio-fertilizer production													
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	22	0	0	0	0	0	0	404	150	554	404	150	554

ii. RURAL YOUTH (On and Off Campus)

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

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
production													
Vermi-culture	1	0	0	0	0	0	0	20	5	25	20	5	25
Sericulture													
Protected cultivation of vegetable crops	1	8	2	10	0	0	0	5	0	5	13	2	15
Commercial fruit production													
Repair and maintenance of farm machinery and implements													
Nursery Management of Horticulture crops													
Training and pruning of orchards													
Value addition													
Production of quality animal products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Para vets													
Para extension workers													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing technology													
Fry and fingerling rearing													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Enterprise development													
Others if any (ICT application in agriculture)													
Floriculture	1	0	0	0	0	0	0	18	2	20	18	2	20
IDM	1	0	0	0	0	0	0	20	5	25	20	5	25
ITK	1	0	0	0	0	0	0	19	9	28	19	9	28
TOTAL	5	8	2	10	0	0	0	82	21	103	90	23	113

iii. Extension Personnel (On and Off Campus)

Thematic Area	No. of Courses	No. of Participants									Grand Total		
		Other			SC			ST					
		M	F	T	M	F	T	M	F	T	M	F	T
Productivity enhancement in field crops													
Integrated Pest Management													
Integrated Nutrient management													
Rejuvenation of old orchards													
Value addition													
Protected cultivation technology	2	18	3	21	0	0	0	9	0	9	27	3	30
Formation and Management of SHGs													
Group Dynamics and farmers organization													
Information networking among farmers													
Capacity building for ICT application													
Care and maintenance of farm machinery and implements													
WTO and IPR issues													
Management in farm animals													
Livestock feed and fodder production													
Household food security													
Women and Child care													
Low cost and nutrient efficient diet designing													
Production and use of organic inputs	1	10	3	13	0	0	0	2	0	2	12	3	15
Gender mainstreaming through SHGs													
Crop intensification													
Others if any													
TOTAL	3	28	6	34	0	0	0	11	0	11	39	6	45

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

Discipline	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
Horticulture	FW	Production technology of	1	ON	16	9	25	16	9	25

		Kharif Onion								
Horticulture	FW	Scientific cultivation of pointed gourd	1	Off	21	4	25	21	4	25
Horticulture	FW	Scientific cultivation of Marigold for higher & year round production	1	Off	19	6	25	19	6	25
Horticulture	FW	Improved package of practices involved in cultivation of cowpea for higher income	1	Off	22	4	26	24	4	26
Horticulture	FW	Nutrient deficiency symptoms and its remedies in tomato	1	Off	25	0	25	25	0	25
Horticulture	FW	Nutrient Management in Brinjal for higher income								
Horticulture	FW	Production technology and nutrient management in Broccoli	1	Off	22	3	25	22	3	25
Horticulture	FW	Layout and management of nutritional garden round the year	1	Off	4	21	25	4	21	25
Horticulture	FW	Integrated Nutrient Management in pineapple + Mango intercropping system	1	On	21	7	28	21	7	28
Horticulture	FW	Nursery raising techniques for different crops	1	Off	20	5	25	20	5	25

Agril Engg	FW	Bullock drawn Puddler	1	Off	17	8	25	17	8	25
Agril Engg	FW	Bullock Drawn Multi-crop SCFD for maize	1	Off	13	12	25	13	12	25
Agril Engg	FW	Maize Dehusker cum Sheller	1	Off	21	4	25	21	4	25
Agril Engg	FW	DSR drum seeder for upland paddy	1	Off	20	5	25	20	5	25
Agril Engg	FW	Manual Transplanter	1	On	21	4	25	21	4	25
Agril Engg	FW	Power operated wet land weeder in paddy	1	Off	26	0	26	26	0	26
Agril Engg	FW	Power sprayer	1	Off	0	25	25	0	25	25
Plant Protection	FW	IDM practices in pointed gourd	1	Off	19	6	25	19	6	25
Plant Protection	FW	IPM in chilli	1	On	25	0	25	25	0	25
Plant Protection	FW	IPM in cotton	1	Off	25	0	25	25	0	25
Plant Protection	FW	IDM in watermelon	1	Off	21	4	25	21	4	25
Plant Protection	FW	Weed management in Paddy	1	Off	4	21	25	4	21	25
Plant Protection	FW	IDM in Lemon	1	Off	0	25	25	0	25	25
Plant Protection	FW	IPM in Paddy	1	Off	22	3	25	22	3	25
		IPM in Mango								
Plant Protection	FW	IDM in nursery paddy	1	On	21	4	25	21	4	25
Plant Protection	FW	IDM in ginger	1	On	25	0	25	25	0	25
Plant Protection	FW	IPM in beans	1	Off	4	21	25	4	21	25
Plant Protection	FW	IPM in Cole crops	1	Off	22	3	25	22	3	25

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed else where
				Male	Female	Total	Type of units	Number of units	Number of persons employed	
Fruits	INM	Integrated Nutrient Management in fruit crops	5	8	2	10	-	-	-	1

*training title should specify the major technology /skill transferred

I) Sponsored Training Programmes

Sl. No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
					PF/RY/EF		Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.	Skill Training on Gender friendly Farm tool	Farm Mechanization	-	8	PF	8	0	0	0	0	0	240	0	0	240	240	Dept. of Watershed and soil Conservation, Odisha
2.																	
3.																	
4																	

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	Total

Field Day	8	95	65	160	100	4	3	7	99	68	167
KisanMela	1	-	-	-	Mass						
KisanGhosthi											
Exhibition	4				Mass						
Film Show	30				Mass						
Method Demonstrations	2	10	0	10	100	1	1	2	11	1	12
Farmers Seminar											
Workshop											
Group meetings	25		-	-	Mass						
Lectures delivered as resource persons	16	-	-	-	Mass						
Advisory Services											
Scientific visit to farmers field	212	-	-	-	-	-	-	-	-	-	1166
Farmers visit to KVK	1560										1560
Diagnostic visits	64	-	-	-	Mass						
Exposure visits											
Ex-trainees Sammelan	1	20	-	20							20
Soil health Camp											
Animal Health Camp											
Agri mobile clinic											
Soil test campaigns											
Farm Science Club Conveners meet	4	60	-	60							60
Self Help Group Conveners meetings											
MahilaMandals Conveners meetings											
Celebration of important days Akshya Tritiya, Vanamahotsav, Parthenium week, World meterological day, World soil day etc	11										750
Sankalp Se Siddhi	1										350
Swatchta Hi Sewa	34				Mass						
MahilaKisan Divas	1		30	30						30	30
Any Other (Specify)											
Total											

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	28
Radio talks	0
TV talks	12
Popular articles	0
Extension Literature	9
Other, if any	

3.5 a. Production and supply of Technological products

Village seed : NA

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 :NA

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

Production of planting materials by the KVKs

Crop	Variety	No. of planting materials	Value (Rs)	Number of farmers to whom planting material provided
Vegetable seedlings				
Cauliflower	Megha	500	1000	2
Cabbage				
Tomato				
Brinjal	Swarna Shyamali	30300	30300	6
Chilli	VNR305	765	1530	4
Onion				
Drumstick	PKM 1	147	2205	75
Fruits				
Mango	Bombay Green, Dushheri	22	660	
Guava				
Lime				
Papaya	Red lady, Coorg Honey dew	152	3240	78
Banana				
Others				
Ornamental plants	Marigold-Seracole	61600	73920	7
Medicinal and Aromatic				

Plantation				
Spices				
Turmeric				
Tuber				
Elephant yams				
Fodder crop saplings				
Forest Species				
Others, pl.specify				
Total				

Production of Bio-Products : NA

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

Production of livestock materials : NA

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Small ruminants				
Sheep				
Goat				
Other, please specify				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				

Others (Pl. specify)				
Grand Total				

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

i) Name of Seed Hub Centre:

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

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2017						
Rabi 2017-18						
Summer/Spring 2018						

iii) Financial Progress

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

iv) Infrastructure Development

Item	Progress
Seed processing unit	
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper				
Seminar/conference/ symposia papers				
Books	Baigyanika Pranalire Muga Chasa,	Dr. Susmita Mohanty,	5750	4000

	Baigyanika Pranalire Biri Chasa, Baigyanika Pranalire Rasi Chasa, Baigyanika Pranalire China Badam Chasa, Baigyanika Pranalire Kadali Chasa o tara Roga Poka Niyantrana, Baigyanika Padhatire Pijuli Chasa o tara roga poka Niyantrana, Dhanara Roga O Poka Parichalana, Baigyanika padhatire piaja chasa, Borccoli Chasa	Mr Sandeep Mohanty, Miss Rashmita Toppo		
Bulletins				
News letter	Sabuja Giri	Dr Susmita Mohanty	500	500
Popular Articles				
Book Chapter				
Extension Pamphlets/ literature				
Technical reports				
Electronic Publication (CD/DVD etc)				
TOTAL				

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

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

Sl. No.	Name of programme	Name of course	Name of KVK personnel and designation	Date and Duration	Organized by
1.	Training	Cutting edge technology for Horticulture under climate change scenario	Miss Rashmita Toppo, Scientist (Hort)	20-22 Nov 2017 3 days	DEE, OUAT
2.					
3.					

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

Name of farmer	Sri Iswar Raita
Address	Village-Kankadaguda, G.P –Sabarpalli, Dist-Gajapati
Contact details (Phone, mobile, email Id)	8480305782/ 9437873369
Landholding (in ha.)	1.6
Name and description of the farm/	Major crops: Maize in 2 acre (Rainfed unbunded upland), Rice in 2 acre (Rainfed medium land) in

<table>
<tr><td>enterprise</td><td>Kharif season with an annual income of Rs. 34560.00/ha.</td></tr>
<tr><td>Economic impact</td><td>
<table>
<tr><th>Crop</th><th>Yield (q/ha)</th><th>Cost of cultivation (Rs)</th><th>Gross Income (Rs)</th><th>Net Income (Rs)</th><th>B:C Ratio</th></tr>
<tr><td>Rice</td><td>32.2</td><td>28000</td><td>49910</td><td>21910</td><td rowspan="4">2.26</td></tr>
<tr><td>Maize</td><td>39</td><td>24000</td><td>54600</td><td>30600</td></tr>
<tr><td>Cowpea</td><td>25</td><td>5400</td><td>25000</td><td>19600</td></tr>
<tr><td>Total</td><td>-</td><td>57400</td><td>129510</td><td>72110</td></tr>
</table>
</td></tr>
<tr><td>Social impact</td><td>Recognized as an early adopter in his village as well as paved way for farmers of his village towards acquiring knowledge and new technologies. From the additional income he could support his younger son for higher education.</td></tr>
<tr><td>Environmental impact</td><td>Learned about soil health management and techniques</td></tr>
<tr><td>Horizontal/ Vertical spread</td><td>Near by villages are adopting the technology i.e Maize + cowpea (2:2) intercropping in an area around 4.2 ha</td></tr>
</table>

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

- Convergence work with district department for developing “Smart Agro Ecological Cluster village programme” under the chairmanship pf Collector cum district magistrate, Gajapati during 2017-18 covering 52 village throughout the district.

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
1	Maize + ragi	Sowing of Maize & Ragi mixed crop - Maize as main crop and Ragi as subsidiary crop - No proper mainatainance of spacing in ragi	- For utiliuzing space in between rows of maize - For controlling weed

b. Give details of organic farming practiced by the farmer: NA

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

- Group discussion
- Diagnostic field visit
- Farmer Scientist interaction
- Farmer visit to KVK
- Feedback from farmers, District department officials and extension personnels

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

Sl. No	Name of the Equipment	Qty.
1	Flame Photometer with PC Software	1
2	Electronic Precision Balance	2
3	Refrigerated Centrifuge	1
4	Physical Balance	1
5	Hydrometer	1
6	Thermometer	1
7	Horizontal Rotary shaker	1
8	Hot air Oven Digital	1
9	Distilled water unit	1
10	PH Meter Micro controller based	1
11	EC meter	1
12	Mechanical Stirrer	1
13	Magnetic Stirrer with hot plate	1
14	Soil Moisture meter	1
15	KEL plus Automatic Nitrogen.Protein Estmation System	1
16	Automatic Micro Compatible digestive system	1
17	Automatic Scrubber System	1
18	Automatic Distilation system	1
19	Titration system	1
20	UV Sprectometer	1

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
75	-	75	117	75	-

3.11.c. Details on World Soil Day

Sl. No.	Activity	No. of Participants	No. of VIPs	Name (s) of VIP(s)	Number of Soil Health Cards distributed	No. of farmers benefitted
1	Celebration of world soil day	236	21	Sri Jacob Majhi Member Zilla Parisad, R.Udayagiri	82	236
2	Seminar on Soil testing and higher Productivity			Sri Nabin Raita Vice Chairman, R.Udayagiri Panchayat Samiti		
3	Farmers Scientist Interaction			Sri Sudyumna Pal DDM, NABARD Gajapati		

				Sri Subhendu Kumar Patra Dy. Manager (Adv), SBI R.Udayagiri		
				Dr. G.S Satapathy, BVO, R.Udayagiri		
				Sri Bijaya Kumar Sabat ASCO, Watershed, Gajapati		
				Miss Manasmita Nayak, AFO, R.Udayagiri		
				Sri Dibakar Lenka Forester, R.Udayagiri		
				Ramachandra Raita SCEW		
				Bina Bhaskar Paik Sarapanch, Mahendragada		
				Gopal Krushna Dalai PSM, Tabarsing		
				Jagannath Raita Sarapanch, Sabarpalli		
				Chaitnya Mandal Sarapanch, Dastiguda		
				Ajit Kumar Sahu CEO, Taptapani IPCL, SACAL NGO, Mohana		
				Laban Raita Expert Social cum Livelihood, JKP NGO		
				Akshya Kumar Mohanty, Coordinator, SURAKHYA NGO		
				Prasanta Kumar Dalai Coordinator, SURAKHYA, NGO		

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

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

3.13. Technology week celebration

Type of activities	No. of activities	Number of participants	Related crop/livestock technology
Gosthies	2	15	Rice, Maize, Ragi
Lectures organized	2	30	Disease & Pest Management in pulses & Vegetables Cultivation of high value vegetable crops like Onion, Potato & Broccli
Exhibition	1	15	On Small Farm tools & Implements
Film show	2	30	Protected cultivation, Honey Bee
Farm Visit	1	30	KVk Demo unit
Diagnostic Practical's	1	10	Grafting and budding Techniques

Distribution of Literature (No.)	5	60	News Letter, Booklets
Distribution of Seed (q)	1	10	Farm women (Nutritional Garden)
Distribution of Planting materials (No.)	2	10	Vegetable seedlings
Total number of farmers visited the technology week	12	105	-

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

No of student trained	No of days stayed

ARS trainees trained	No of days stayed

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

Date	Name of the person	Purpose of visit
8.7.2017	Hon'ble Vice Chancellor, OUAT, Bhubaneswar	Field visit & Monitoring KVK activities
4.8.2017	Dean Extension Education, OUAT, BBSR	Attending SAC meeting & Field visit
4.8.2017	Dr. P.P Pal, Principal Scientist, ATARI, Kolkata	Attending SAC meeting & Field visit
11.9.2017	Collector cum Distritc Magistrate, Gajapati, Odisha	Official visit

4. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./ha)	After (Rs./ha)
Cultivation of Broccoli	28	100	112000/-	144000/-
Cultivation of Sweet corn	45	100	62000/-	94500/-

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

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

Horizontal spread of technologies	
Technology	Horizontal spread
Cultivation of Broccoli	1600 ha
Cultivation of Sweet corn	2310 ha

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	Farm Mechanization
Name of the Innovation	3 Tyne type Cycle weeder
Details of Innovator	Name of farmer: Sri Rama Badamundi Father's Name: Sri Gangadhar Badamundi

	Village: Alama GP : Ramagiri Block :R.Udayagiri District: Gajapati Contact No-9439160795
Back ground of innovation	Sri Rama Badamundi was inspired by the cycle weeder displayed at Gajapati Mahotsov which was a single tine weeder
Technology details	It consists of 3 tynes one cycle wheel one frame and one handle. It is easily operated in push pull mode with adjustable tymes made up of mild steel. Three tyne cycle weeder is used for weeding, hoeing and hedging operation
Practical utility of innovation	This implement works 3 times better than manual labour with a capacity of 180-200 sq mt per hour in comparison to human capacity of 50-60 sq mt per hour

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 District Agriculture Officer,ATMA, Veterinary office, Fishery Office, Horticulture, Watershed amd soil Conservation, Minor Irrigation, NABARD, Lead Bank, SACAL NGO, Suraksha NGO, LANDESA NGO	Convergence programme for improvement of wholesome agriculture and doubling of farmers income i.e Smart Agro Ecological Cluster village Programme
KVK Ganjam-I & II, KVK, Rayagada	Ring Partner for sharing Manpower, Equipments etc.

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.)
Department of Soil Conservation and water shed, Odisha	Skill training to farm women on Gender friendly Farm tools	May 2017	Department of Soil Conservation and water shed, Odisha	278500

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

Sl. No.	Name of demo Unit	Year of estt.	Area (Sq.mt)	Details of production			Amount (Rs.)		Remarks
				Variety/ breed	Produce	Qty.	Cost of inputs	Gross income	
1.	Poly house	2010	100	Vegetable Seedlings and sapling	Planting Material	137464	120000	200195	Mango, Papaya, Drumstic Sapling with Vegetables like Brinjal, Cauliflower, Chilli and Marigold)
	Total					137464	120000	200195	

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Papaya	11.05.2017	19.06.2017	0.02	Coorg Honey dew,	Planting Material	152 nos.		3240	

				Red lady					
Drumstick	11.05.2017	19.06.2017 20.07.2017		PKM1	Planting Material	147nos.		2205	
Brinjal	30.08.2017	26.09.2017 08.10.2017		Swarna Shyamali	Planting Material	30000 nos.		30000	
Cauliflower	12.09.2017	23.10.2017		Megha	Planting Material	500 nos.		1000	
Chilli	15.09.2017	26.10.2017		VNR305	Planting Material	765 nos.		1530	
Broccoli	10.10.2017	20.11.2017		Green Magic	Planting Material	44000 nos.		88000	
Marigold	12.10.2017	1.11.2017		Seracole	Planting Material	61600 nos.		73920	
Mango	-	3.05.2017- 31.07.2017		Amrapalli, Dussheri	Planting Material	22 nos.		660	
Raikia Beans	15.06.2017			Raikia Beans	Fruits	345 kg		11100	
Cowpea	5.7.2017	2.10.2017 20.12.2017		Kashi Kanchan	Fruits	15 nos.		300	
Coconut	-	30.10.2017		-	Fruits	300 nos.		1500	

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

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

6.3. Performance of instructional farm (livestock and fisheries production): NA

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

6.4. Utilization of hostel facilities :NA

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Total :			

(For whole of the year)

6.5. Utilization of staff quarters :NA

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

Months	Q I	QII	Q III	QIV	Q V	QVI

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current Account	State Bank of India	R.Udayagiri	11570672119
Current Account	State Bank of India	R.Udayagiri	30450420961

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

Item	Released by ICAR		Expenditure		Unspent balance as on -
	Kharif	Rabi	Kharif	Rabi	
Groundnut		128250		225574	
Sesame-Summer		-		74107	

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1st April 2018
	Kharif	Rabi	Kharif	Rabi	
Greengram		30000		196660	
Blackgram		-		64646	

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

Sl. No.	Particulars	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	4700000	4700000	4700000
2	Traveling allowances	120000	120000	100000
3	Contingencies -1298800			
A	Office Expenditure, Elec. Bill, Telephone bill etc	-	-	194189
B	POL			153511
C	FLD, OFT, Demo Unit, Module, Trg Material			768676
D	Training			54750
E	Extn Activities			79988
F	Soil Day celebration			45386
G	Swatchta Expenditure			2300
H				
I				
J				
TOTAL (A)		1298800	1298800	1298800
B. Non-Recurring Contingencies				
1	Office Equipment & Furniture	500000	500000	500000
2	Maintenance of office buildings	500000	500000	500000
3				
4				
TOTAL (B)		1000000	1000000	1000000
C. REVOLVING FUND		-	-	208017
GRAND TOTAL (A+B+C)		7118800	7118800	7306817

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

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year (Kind + cash)
2015-16	119325	90172	64428	209497
2016-17	209497	204675	67095	39639.5
2017-18	39639.5	336115	208017	376439

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

7.7. Joint activity carried out with line departments and ATMA

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

8. Other information

8.1. Prevalent diseases in Crops: NA

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

8.2. Prevalent diseases in Livestock/Fishery

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

9.1. Nehru Yuva Kendra (NYK) Training

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

9.2. PPV & FR Sensitization training Programme :NA

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

			crop	registration

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

Type of message	No. of messages	No. of farmers covered
Crop	75	13900
Livestock	0	
Fishery	0	
Weather	3	
Marketing	2	
Awareness	16	
Training information	0	
Other	0	
Total	96	13900

9.4. *KVK* Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	*69*
2.	No. of farmers registered in the portal	*405*
3.	Mobile Apps developed by KVK	*0*
4.	Name of the App	*0*
5.	Language of the App	*0*
6.	Meant for crop/ livestock/ fishery/ others	*0*
7.	No. of times downloaded	*0*

9.5. a. Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken
17.9.2017	Celebration of Sewa Divas
25.9.2017	Sarwatra Swachatta Abhiyan
1.10.2017	Cleaing of work at Tourist Places

b. Details of Swachhta activities with expenditure

Activities	**Number**	**Expenditure (in Rs.)**
1. Digitization of office records/ e-office		
2. Basic maintenance	60	2300
3. Sanitation and SBM	30	-
4. Cleaning and beautification of surrounding areas	12	-
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	12	-

6. Used water for agriculture/ horticulture application	-	-
7. Swachhta Awareness at local level	15	
8. Swachhta Workshops	2	-
9. Swachhta Pledge	5	
10. Display and Banner	2	
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)	6	-
14. No of Staff members involved in the activities	9	
15. No of VIP/VVIPs involved in the activities	-	-
16. Any other specific activity (in details)	-	
Total	**153**	

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with SeemaSurakshaBal (BSF) : NA

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school: NA

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

Give good quality 1-2 photograph(s)

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

Date of programme	No. of Union Ministers attended the programme	No. of Hon'ble MPs (Loksabha/ Rajyasabha) participated	No. of State Govt. Ministers	Participants (No.)							Coverage by Door Darshan (Yes/No)	Coverage by other channels (Number)
				MLAs Attended the programme	Chairman ZilaPanchayat	Distt. Collector/ DM	Bank Officials	Farmers	Govt. Officials, PRI members etc.	Total		
31.8.2017	1	-	-	1	1		1	340	12	356	Yes	3

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	Swachhata awareness programme	15	158	2	Sri Jacob Majhi, Sri Nabin Raika

9.11. Details of MahilaKisan Divas programme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	Celebration of Mahila Kisan Diwas	3	50	-	-

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

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

9.13. HRD programmes attended by KVK person

Training programme/ Seminar/ Symposia/ Workshop etc attended	Duration	Name of the participants	Designation	Organizer of the training Programme
Training programme on Cutting edge technology for Horticulture under climate change scenario	3 days 20-22 Nov 2017 3 days	Miss Rashmita Toppo	Scientist (Hort)	DEE, OUAT

9.14. Revenue generation : NA

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

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

9.15. Resource Generation: NA

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 : NA

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

9.17. Contingent crop planning

Name of the state	Name of district/KVK	Thematic area	Number of programmes organized	Number of Farmers contacted	A brief about contingent plan executed by the KVK
Odisha	Gajapati	Pest outbreak (BPH)	9	120	- Draining of standing water from field - Stop fertilizer (Nitrogen/urea) application - Thinning the plants (East to west Direction) in the crop for proper ventilation of light and air through the crop to decrease the BPH condition - Spraying of Dichlorvous 250 ml/acre + Imidachloroprid 17.8% SL 100 ml/acre within 3 days interval

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

a) Year:
b) Introduction / General Information:

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

Experiment 3						
…						
..						
Others (If any)						

11. Details of TSP

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

Programmes	Physical achievements
Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.)	4
On-farm trials (Number)	5
Frontline demonstrations (Number)	10
Farmers training (in lakh)	0.01213
Extension personnel training (in lakh)	0.00045
Participants in extension activities (in lakh)	4911
Seed production (in tonnes)	-
Planting material production (in lakh)	0.137349
Livestock strains and fingerlings production (in lakh)	-
Soil, water, plant, manures samples testing (in lakh)	0.00075
Provision of mobile agro – advisory to farmers (in lakh)	0.01390
No. of otherprogrammes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.)	0.00178

b. Fund received under TSP in 2017-18 (Rs. In lakh): 9.48000

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

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

d. Location and Beneficiary Details during 2017-18

District	***Sub-district***	***No. of Village covered***	***Name of village(s) covered***	***ST population benefitted (No.)***		
				M	F	T
Gajapati	Rayagada	2	Landusahi Koinpur		30	30
	Gumma	1	Tarava		10	5
	Mohana	2	Kaithapada Kesara Jubagaon		10	6
	R.Udayagiri	2	Kankadaguda Alama		10	3

			Kharidhepa			

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

Natural Resource Management

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

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

Capacity building

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

Extension activities

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

Detailed report should be provided in the circulated Performa

13. Awards/ Recognition received by the KVK

Sl. No.	Name of the Award	Year	Conferring Authority	Amount	Purpose
1	Best KVK, Award	2017	OUAT, Bhubaneswar	-	for its outstanding contribution in transfer of technology to the farming community

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	Best Farmer Award	Uma Sankar Sahu	2017	OUAT	-	On the Occasion of foundation day

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

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

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

16. Integrated Farming System (IFS)

Details of KVK Demo. Unit

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

17. Technologies for Doubling Farmers' Income

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

1	Rice-paira Greengram	• Early line transplanting • Improved agronomic practices • Soil test based fertilizer application • Piara cropping with Green gram/Blackgram with 25% more seed • Seed treatment with rhizobium + PSM	Rs. 40570/-	2	
2	Maize+Cowpea	• Intercropping of Hyb. Maize with cow pea (2:2) • Application of PMS for Acid soil amendment • Soil test based fertilizer application	Rs. 23462/-	2	

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

	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
Phase	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)	10	92	17.02.2018	Mr. Sandeep Mohanty- Chairman Miss. Rashmita Toppo- member Mr. Manoj Kumar Sahu- Member	
II (up-to 24.04.218)	20	303			
Total	30	395			

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

Sl. No.	Name of the programme	Date of the programme	Venue	Purpose	No. of participants
1	Webcasting	17.3.2018	KVK, Gajapati	Address of Hon'ble prime Minister at Krishi Unnati Mela at PUSA New Delhi	300

Sr. Scientist & head
KVK, Gajapati

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