

ANNUAL REPORT

2017-18



KVK, JAGATSINGHPUR
ODISHA

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
	Office	FAX	
Krishi Vigyan Kendra, Jagatsinghpur At-Nimakana, P.O-Manijanga, Dist-Jagatsinghpur Pin-754160, State-Odisha	-	-	kvkjagatsinghpur.ouat@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
OUAT, Bhubaneswar Pin-751003 Orissa	(0674) 2392677	(0674) 2391780	registrarouat@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Er. (Ms) Dipsika Paramjita	8895752884	8895752884	dipsikasahoo@gmail.com

1.4. Year of sanction of KVK: 2005

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

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline/	Pay Scale with present basic	Date of joining	Permanent/Temporary	Category (SC/ST/OBC/Others)
1	Programme Coordinator	Er. (Ms) Dipsika paramjita	Senior Scientist & Head (I/c) & Scientist (Agril. Engineering)	Agril. Engineering	15,600-39,100 AGP:6,000 Basic:20,590	08.09.2017	Temporary	OBC
2	Subject Matter Specialist	Mr. Ashis Ku. Mohanty	Scientist (Horticulture)	Horticulture	15,600-39,100 AGP:6,000 Basic:23,950	23.09.2009	Temporary	OTHER
3	Subject Matter Specialist	Dr. Samir Ranjan Dash	Scientist (Agril. Extension)	Agril. Extension	15,600-39,100 AGP:6,000 Basic:23,950	10.01.2013	Temporary	OTHER
4	Subject Matter Specialist	Dr. Prabhat Kumar Padhi	Scientist (Animal Science)	Veterinary Science	15,600-39,100 AGP:6,000 Basic:16,920	16.06.2015	Temporary	OTHER
5	Subject Matter Specialist	Mr. Bijay Ku Routray	Scientist (Plant protection)	Entomology	15,600-39,100 AGP:6,000 Basic:23,950	03.02.2016	Temporary	OTHER
6	Subject Matter Specialist	Vacant	-	-	-	-	-	-
7	Subject Matter Specialist	Vacant	-	-	-	-	-	-
8	Programme Assistant	Vacant	-	-	-	-	-	-
9	Computer Programmer	Samir Kumar Pattanaik	Prog. Asst. (Comp Sc)	Computer Sc.	9,300-34,800 G.P:4,200 Basic:12,430	31.01.2015	Temporary	OTHER
10	Farm Manager	Mr. Rabindra Kumar Pradhan	Farm Manager	Horticulture	9,300-34,800 G.P:4,200 Basic:10,130	16.11.2012	Temporary	OBC
11	Accountant / Superintendent	Vacant	-	-	-	-	-	-

12	Stenographer	Mr. Kamal Lochan Mahanta	Jr. Steno-cum-Computer Operator	Arts, MCA	5,200-20,200 G.P: 2,400 Basic: 8,170	10.07.2014	Temporary	OBC
13.	Driver	Mr. Pradipta Kumar Barik,	Driver-cum-Mechanic	-	5,200-20,200 G.P: 1,900 Basic:7,680	04.08.2008	Temporary	OBC
14.	Driver	Mr. Sanjay Kumar Panda	Driver-cum-Mechanic	-	5,200-20,200 G.P: 1,900 Basic:7680	14.09.2017	Temporary	OTHER
15.	Supporting staff	Mr. Karunakar Singh	Peon-cum-Watchman	-	4,750-14,680 G.P: 1,500 Basic:6,040	18.09.2017	Temporary	OTHER
16.	Supporting staff	Smt. Urbasi Nayak	Peon-cum-Watchman	-	4,750-14,680 G.P: 1,500 Basic:6,500	22.12.2007	Temporary	ST

1.6. **Total land with KVK (in ha)** :

S. No.	Item	Area (ha)
1	Under Buildings	1.19
2.	Under Demonstration Units	1.5
3.	Under Crops	9.53
4.	Orchard/Agro-forestry	-
5.	Others with details (Threshing floor cum shed house, internal road etc, Swampy area, Dilapidated house)	1.0
	Total	13.22

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					23.02.08		Use	ICAR
2.	Farmers Hostel					23.02.08		Use	ICAR
3.	Staff Quarters (6)					2012		Use	ICAR
4.	Piggery unit					2017		Use	RKVY
5	Fencing					2015		Use	RKVY
6	Rain Water harvesting structure					-			
7	Threshing floor					16.10.07		Use	ICAR
8	Farm godown					2013		Use	ICAR
9.	Dairy unit					2017		Use	ICAR
10.	Poultry unit					2011		Use	RKVY
11.	Goatary unit					2011		Use	RKVY

12.	Mushroom Lab				2011		Use	RKVY
13.	Mushroom production unit				2017		Use	ICAR
14.	Shade house				2014		Use	RKVY
15.	Soil test Lab				2017		Use	ICAR
16	Others, Please Specify							
	• Vermi Yard				2011		Use	RKVY
	• IFS Unit				2017		Use	ICAR
	• Herbal Garden				2017		Use	ICAR
	• Carp Hatchery				2011		Use	ICAR

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

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total km. Run	Present status
Bolero	2005-06		1,79,493	Condemned since 30.112017
Tractor	2005-06	488364*		Running
Motor cycle	2010-11	65,000/-		Running
Expenditure on tractor only. Bolero purchased by DPP OUAT & handed over to KVK Jagatsinghpur.				

C) Equipment & AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
Automatic Nitrogen Analyzer with digestion Unit	2017	2,79,000	Working	ICAR
KES 08 LE	2017	77,500	Working	ICAR
KEL VAC VA	2017	69,900	Working	ICAR
Flame Photometer	2017	51,600	Working	ICAR
Digital Soil Moisture Meter	2017	27,706	Working	ICAR
Physical Balance	2017	3,350	Working	ICAR

All Glass Double Distillation Unit	2017	58,000	Working	ICAR
Distillation Appts Power Supply	2017	9,770	Working	ICAR
PH Meter-Micro Controller	2017	28,550	Working	ICAR
Conductivity Meter	2017	18,900	Working	ICAR
Rotary Shaker	2017	22,050	Working	ICAR
Flask Holding Clamp	2017	6,000	Working	ICAR
Mechanical Stirrer	2017	8,000	Working	ICAR
Bouyocous Hydrometer	2017	9,775	Working	ICAR
Hot Air Oven (Digital)	2017	27,310	Working	ICAR
Thermometer	2017	300	Working	ICAR
Water Quality Analyzer	2017	70,870	Working	ICAR
Vortex Shaker	2017	15,500	Working	ICAR
Magnetic Stirrer with Hot Plate	2017	16,800	Working	ICAR
Wooden Geological Hammer	2017	900	Working	ICAR
Sieve Brassframe	2017	3,570	Working	ICAR
Keen Cup	2017	3,600	Working	ICAR
Soil Moisture Sample Box	2017	3,300	Working	ICAR
Soil Agar Screw Type	2017	3,600	Working	ICAR
Electronic Balance	2017	64,000	Working	ICAR
Top Pan Balance	2017	36,000	Working	ICAR
PC based double beam UV Vis Spectrometer	2017	3,52,013	Working	ICAR
Refrigerated Centrifuge	2017	1,92,000	Working	ICAR
Angle Head R-244m -12x15ml	2017	17,000	Working	ICAR
Angle Head	2017	13,000	Working	ICAR
Voltage Stabilizer	2017	13,200	Working	ICAR
Hot Air Oven	2011	15,000	Working	RKVY
Autoclave fully automatic	2011	79,750	Working	RKVY
Pan Electronic Balance	2011	5,460	Working	RKVY
Honda Gen Set	2009	35,873	Working	ICAR
Laminar Air Flow	2011	55,125	Working	RKVY
Honda Brush Cutter	2018	27,585	Working	ICAR
Refrigerator	2011	19,000	Working	RKVY
Desktop Computer	2016	38,500	Working	ICAR
Printer	2018	14,000	Working	ICAR
Stabilizer	2018	4,800	Working	ICAR
Photo copier	2016	13,333	Working	ICAR
Xerox machine	2016	72,556	Working	ICAR
UPS	2016	1,636	Working	ICAR

Inverter with Battery	2017	34,349	Working	ICAR
Tablet	2017	10,004	Working	ICAR
Grinder	2016	2,600	Working	ICAR
Air Conditioner	2018	47,200	Working	ICAR
Desktop Computer	2018	47,750	Working	ICAR
Air Conditioner	2009	29,390	Working	ICAR
Air Conditioner	2011	30,190	Working	ICAR
b. Farm machinery				
MB Plough			Working	ICAR
Rotavator	2012	79,800	Working	ICAR
Cultivator	2012		Working	ICAR
Power sprayer	2012	9,054	Working	ICAR
Pumpset	2012	11,146	Working	ICAR
Pumpset	2015	19,000	Working	ICAR
c. AV Aids				
LCD projector	2009		Working	ICAR
Laptop	2009	47,300	Working	ICAR
DVD	2007	2,133	Working	ICAR
TV	2007	9,955	Working	ICAR
Amplifier	2017	10,500	Working	ICAR
Video Camera	2017	32,990	Working	ICAR
Digital Camera	2012	19,700	Not Working	ICAR

D) Farm implements

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
MB Plough			Working	ICAR
Rotavator	2012	79,800	Working	ICAR
Cultivator	2012		Working	ICAR
Power sprayer	2012	9,054	Working	ICAR
Pumpset	2012	11,146	Working	ICAR
Pumpset	2015	19,000	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.	13.3.2018	30	<ul style="list-style-type: none"> • Introduction of newly released saline tolerant variety of lowland paddy. • Training should be given on Salinity management. • Foliar spray of NPK and DAP in Green gram should be demonstrated. • Awareness programme on cow dung gas plant. • Zero tillage should be promoted. • Training on Vermicompost and Organic farming should be taken up by KVK. • Promotion of farm mechanization is to be disseminated in the district for reducing farm labour, cost of production and timely operation in the field and saving of labour cost must be calculated. • Vegetables/Leafy vegetables should be popularized which can be grow in both Kharif and Rabi. • Introduction of small sized marketable pumpkin variety. • Introduction of marigold. • Preservation of tomato. • Management of YVMV in Green gram • Management of Fruit and Shoot borer in brinjal • Management of Fruit fly in pumpkin • Bio-pesticides and Bio-control measures should be promoted. • Demonstration/Training on Agro-forestry plantations for food and fodder needs in field bunds. • Duck rearing in village pond. • Cultivation of Napier grass in coconut orchard. • Training on management for irregular heat and mastitis in cows. • Interaction of scientific management of dairy, poultry, mushroom and pisciculture. 	<ul style="list-style-type: none"> • Varietal assessment of Luna Sampad and Luna Borial in Erasama Block village- Eribina through IARI • Under IRRI head to head trial varietal assessment was done Var. Swarna Sub-1, CR 1009 Sub-1 and Bina-11 in Kharif 2017 at Khadalo, Japa, Bagoi, Gobindapokhari, Nagapura. • Skill development training on organic farming -1 month duration • FLD on non chemicals pest management in rice at village Bagoi.Kujanga • Combine harvester used in KVK Farm Manual operated transplanter demo in Bagoi in kharif 17 Paddy transplanter and training on women friendly farm implements have been conducted by the KVK for better reach of technology to farmers • One Azolla demo unit has been established in KVK for technology dissemination • Monthly R- E linkage meeting conducted with all line dept official, along with NABARD , LDM,PC,OLM and progressive entrepreneur of the district. • Regular trainings are being done by KVK for farmers and farm women and also grass root level extension functionaries with collaboration of Agrl. Department.. • Going on very well. A total of around 10,000 nos. of 21 day old chicks were reared by KVK and distributed to the selected beneficiaries through OLM, Jagatsinghpur • Under IRRI head to head project var Swarna Sub 	

		<ul style="list-style-type: none"> • Training on Repair and Maintenance of transplanter/pumps/power tillers. • Training/Awareness programme/Kisan Mela to be carried out in distant places/places difficult to communicate. 	<p>-1, CR 1009 Sub -1, BIna -11 assessed (29 no of trials). Foundation paddy seed production programme of var. Uphar at KVK instructional farm</p> <ul style="list-style-type: none"> • Demonstration of Amaranthus variety-Arka Suguna and Coriander variety-Arka Isha at village-Bagoi and Gamhapur 	
--	--	---	---	--

* *Salient recommendation of SAC in bullet form*

Attach a copy of SAC proceedings along with list of participants – Attached at Annexure-1

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

Sl. no.	Item	Information
1	Major Farming system/enterprise	Rice- Green gram/,Rice Vegetables /Dairy /Fishery
2	Agro-climatic Zone	East & south eastern coastal plain
3	Agro ecological situation	Costal irrigated alluvium Rain-fed alluvium Costal alluvial saline Costal waterlogged
4	Soil type	Sandy loam to clay loam
5	Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others	Paddy-3.6t/ha Greengram -0.432t/ha Black gram -0.450t/ha Chilli-1.13t/ha,Sugarcane-70.t/ha,Groundnut-2.36t/ha
6	Mean yearly temperature, rainfall, humidity of the district	30 °C & 18 °C, Annual rainfall – 1521.16 mm, 98%
7	Production of major livestock products like milk, egg, meat etc.	Dairy -102TMT milk/year,Psciculture-Inland- 494.4 ton /year Marine fish -8000 ton/year , Poultry -29.1 Million (Egg) 3.07 TMT (Meat) , Goatery -2.13 TMT (Meat), Mushroom - 10-12 q/day

Note: Please give recent data only

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

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Tirtol	Tirtol	Nagapura	Rice, Greengram, Vegetables, Dairy, Poultry	Low yield in rice, Heavy incidence of pest and disease in rice Low yield in pulse, Low milk yield in Dairy, Low yield in vegetables	IPM in rice, IPDM in vegetables Introduction of high yielding varieties of vegetables, Entrepreneurship development, Farm mechanization
2	Erasama	Ersama	japa	Rice, greengram, Dairy, Poultry, Pisciculture	Low yield in rice, Heavy incidence of pest and disease in rice Low yield in pulse, Low milk yield in Dairy, Less availability of inputs like seed fertilizer and fingerlings, Underutilization of marine fish	IPM in rice, Management of saline soil, Fish pond management, Entrepreneurship development, Farm mechanization
3	Kujanga	Kujanga	Bagoi	Rice, greengram, dairy, poultry, vegetables, Pisciculture	Low yield in rice, Heavy incidence of pest and disease in rice Low yield in pulse, Low milk yield in Dairy, Underutilization of marine fish	IPM in rice, IPDM in vegetables Introduction of high yielding varieties of vegetables, Fish pond management, Entrepreneurship development, Farm mechanization
4	Raghunathpur	Raghunathpur	Gamapur	Rice, greengram, dairy, poultry, vegetables	Low yield in rice, Heavy incidence of pest and disease in rice Low yield in pulse, Low milk yield in Dairy,	IPM in rice, IPDM in vegetables Farm mechanization Introduction of high yielding varieties of vegetables, Entrepreneurship development
5	Jagatsinghpur	jagatsinghpur	Gobindapokhari	Rice, greengram, dairy, poultry, Mushroom	Low yield in rice, Heavy incidence of pest and disease in rice Low yield in pulse, Low milk yield in Dairy, Low yield in mushroom	IPM in rice, Farm mechanization Entrepreneurship development

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
Nagapura	Tirtol	FLD on OUAT rearing of synthetic colour broiler OFT on Leaf folder management in rice
Bagoi	Kujanga	FLD on feeding of trace minerals in heifers OFT on white management in Okra
Japa	Ersama	FLD-Demonstration on Non Chemical management of rice pests in Medium land transplanted Rice OFT on Leaf folder management in rice
Gamapur	Ragunathpur	FLD on Bio intensive management of brinjal fruit and shoot borer FLD on management of tomato fruit borer and leaf minor FLD on OUAT rearing of synthetic colour broiler, FLD on feeding of trace minerals in heifers OFT on feeding of bypass fat in dairy cows FLD on feed supplementation in goats during lean season
Gobindapokhari	Jagatsinghpur	FLD on BPH and WBPH in rice FLD on feeding of trace minerals in heifers OFT on feeding of bypass fat in dairy cows OFT on Leaf folder management in rice

2.1 Priority thrust areas

S. No	Thrust area
1.	Management of saline soil
2.	IPM and IDM in rice and vegetables
3.	Popularization of scented rice
4.	Introduction of high yielding varieties of vegetables and fruits
5.	Use of plasticulture
6.	Popularization of floriculture and high value crops
7.	IDM in betel vine
8.	Fish pond management
9.	Management practices in Dairy farming
10.	Empowerment of SHGs through agro enterprise
11.	Use of bio-fertilizers and bio-pesticides
12.	Feeding management in small ruminants
13.	Disease management in livestock and poultry

14.	Farm mechanization
15.	Organic farming

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
09	07	232	24	182	206	16	12	130	36	74	110

Training						Extension activities						
Number of Courses			Number of Participants			Number of activities			Number of participants			
Target	Achievement		Target	Achievement		Target	Achievement		Target	Achievement		
				SC/ ST	Others	Total				SC/ ST	Others	Total
66	45		1850	221	995	1216	633	1215	5500	755	7499	8254

Seed production (q)			Planting material (in Lakh)		
Target		Achievement	Target		Achievement
180		223	35000		12500

Livestock strains and fish fingerlings produced (in lakh)*			Soil, water, plant, manures samples tested (in lakh)		
Target		Achievement	Target		Achievement
10000		11000	500		325

* Give no. only in case of fish fingerlings

Publication by KVKs		
Item	Number	No. circulated
Research paper	2	2
Seminar/conference/ symposia papers	4	2
Books	2	500
Bulletins	3	200
News letter	3	1500
Popular Articles	1	500
Book Chapter	1	1000
Extension Pamphlets/ literature	6	1000
Technical reports	10	250
Electronic Publication (CD/DVD etc)	2	2
TOTAL	34	4956

1 Achievements on technologies assessed and refined

OFT-1

1.	Title of On farm Trial	Assessment of Okra varieties for their yield potential and reaction to YVMV
2.	Problem diagnosed	Low yield & heavy infestation of YVMV in locally available cultivars.
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed T1- Farmers practices- Variety -Samrat TO1- Variety-Kashi Pragati TO2- Variety-Arka Abhaya
4.	Source of Technology	IIVR, Varanasi and IIHR, Bengaluru
5.	Production system and thematic area	Rainfed upland ; Varietal evaluation
6.	Performance of the Technology with performance indicators	T1- Farmers practices- Variety –Samrat-Yield- 116.36, Plant ht. 112.33cm, No. of fruits/plant- 16.24, % of YVMV-14.31 at 105 DAS TO1- Variety-Kashi Pragati-Yield-148.64 q/ha, Plant ht. 126.63cm, No. of fruits/plant- 21.48, % of YVMV-3.40 at 105 DAS

		TO2- Variety-Arka Abhaya-Yield-142.31 q/ha, Plant ht. 121.23 cm, No. of fruits/plant-18.26, % of YVMV-5.50 at 105 DAS
7.	Final recommendation for micro level situation	Okra variety “Kashi Pragati” is a high yielder and resistant to YVMV disease. So can be cultivated profitably in Jagatsinghpur district.
8.	Constraints identified and feedback for research	Seeds should be made available in the market through Seed Production Programme.
9.	Process of farmers participation and their reaction	Active participation of farmer from planning to execution. Encouraging response from the farmer end as they got better price due to higher yield and better size.

Thematic area: Varietal evaluation

Problem definition: Low yield & heavy infestation of YVMV in locally available cultivars.

Technology assessed: Okra varieties “Kashi Pragati” and “Arka Abhaya” for their yield potential and reaction to YVMV.

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
		Plant height (cm)	No. of fruits/plant	Test wt. (100 grain wt.)						
T-1	5	112.33	16.24	-	YVMV-14.31 at 105 DAS	116.36	40200	93088	52888	2.31
TO-1	5	126.63	21.48	-	YVMV-3.40 at 105 DAS	148.64	42600	118912	76312	2.79
TO-2	5	121.23	18.26	-	% of YVMV-5.50 at 105 DAS	142.31	42600	113848	71248	2.67

Results: From the result it is clear that the Technology option 1 that is variety- “Kashi Pragati” exhibited higher yield than the farmer practice. It also fetch higher price in the market due to longer size.

OFT-2

1.	Title of On farm Trial	Assessment of Brinjal hybrids for their yield potential and reaction to Bacterial wilt.
2.	Problem diagnosed	Low yield & heavy infestation of bacterial wilt
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed T1- Farmers variety -Gamhapur local TO1- Variety-Swarna Mani TO2- Variety-Swarna Neelima
4.	Source of Technology	ICAR-RCER, Patna
5.	Production system and thematic area	Irrigated medium land; Varietal evaluation
6.	Performance of the Technology with performance indicators	T1- Farmers variety -Gamhapur local- yield-224.6 q/ha, Plant ht. 126.45cm, No. of fruits/plant-10.24 TO1- Variety-Swarna Mani-yield- 302.8 q/ha, Plant ht. 122.23cm, No. of fruits/plant-12.68 TO2- Variety-Swarna Neelima-yield- 300.5q/ha, Plant ht. 120.30 cm, No. of fruits/plant-12.26
7.	Final recommendation for micro level situation	Brinjal variety “Swarna Mani” is a high yielder and tolerant to bacterial wilt disease. So can be cultivated profitably in Jagatsinghpur district.
8.	Constraints identified and feedback for research	Seeds should be made available in the market through Seed Production Programme.
9.	Process of farmers participation and their reaction	Active participation of farmer from planning to execution. Encouraging response from the farmer end as they got better price due to higher yield and good shape, size and colour.

Thematic area: Varietal evaluation

Problem definition: Low yield & heavy infestation of bacterial wilt in brinjal.

Technology assessed: Brinjal hybrids “Swarna mani” and “Swarna Neelima” for their yield potential and reaction to Bacterial wilt.

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
		Plant height (cm)	No. of fruits/plant	Test wt. (100 grain wt.)						
T-1	5	126.45	10.24		Bacterial wilt-36.4	224.6	68400	179680	111280	2.62
TO-1	5	122.23	12.68		Bacterial wilt-2.06	302.8	72800	242240	169440	3.32
TO-2	5	120.30	12.26		Bacterial wilt-2.33	300.5	72800	240400	167600	3.30

Results: From the result it is clear that the Technology option 1 that is variety- “Swarna Mani” exhibited higher yield than the farmer practice. It also fetch higher price in the market due to good shape, size and colour.

OFT-3

1.	Title of On farm Trial	Assessment of Integrated management practices to control leaf folder in paddy
2.	Problem diagnosed	Severe infestation of leaf folder at active tillering and flag leaf stage stage leads to low yield Indiscriminate use of synthetic pyrethroids for controlling the pest
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed TO1- Seedling treatment with Carbofuran 3G @ 1kg per 1,000 sq m. nursery area, installation of bird perches , Release of bio- agents (<i>Trichogramma chilonis</i> @ 50,000)/ha spraying of Cartap hydrochloride 50 SP @ 1.0kg/ha twice after 30 & 60 DAT TO2- Seedling treatment with Chlopyrifos 20% EC @ 5ml/lit, Installation of bird perches, release of bioagents <i>Trichogramma chilonis</i> @50,000/ha and Spraying of Flubendiamide39.35SC @0.1ml/lit after 30 & 60 DAT
4.	Source of Technology	OUAT-2015
5.	Production system and thematic area	Rice –green gram ,IPM
6.	Performance of the Technology with performance indicators	% of leaf damage , % of change in yield ,B.C ratio

7.	Final recommendation for micro level situation	Seedling treatment with Chlopyriphos 20% EC @ 5ml/lit, Installation of bird perches, release of bioagents <i>Trichogramma chilonis</i> @ 50,000/ha and Spraying of Flubendiamide 20 WG 150 g/ha (6gm/10litre water) after 30 & 60 DAT reduces the leaf folder infestation
8.	Constraints identified and feedback for research	More studies on species diversity of rice leaf folder and natural parasitization
9.	Process of farmers participation and their reaction	Participatory, and easily acceptable

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
TO1	13				22	45.1	34500	69905	35405	1.02
TO2	13				9	52.2	35500	80910	44110	1.26
TO3	13				7	53.8	35850	83390	47540	1.36

OFT-4

1.	Title of On farm Trial	Assessment of integrated management practices for YVMV in okra
2.	Problem diagnosed	High infestation of YVMV in Okra reduces the fruit quality, market value and yield
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed TO1-Seed treated with Imidacloprid 70WS 5gm/kg, Installation of yellow sticky trap 25/ha, Spraying of Thiamethoxam 25%WG 75g a.i /ha and NSKE 5% at 7 days regular interval (thrice) after 25DAS TO2- Seed treatment with Imidacloprid 70 WS @5gm/kg, Installation of yellow trap 25/ha, Spraying of Pymetrozine 250ml/ha and neem oil 2% at 7 days regular interval (thrice) after 25DAS
4.	Source of Technology	OUAT-2012

5.	Production system and thematic area	Rice –vegetables ,IPM
6.	Performance of the Technology with performance indicators	% of YVMV Incidence , Yield (q/ha)
7.	Final recommendation for micro level situation	Seed treated with Imidacloprid 70WS @5gm/kg, Installation of yellow trap 25/ha, Spraying of Pymetrozine 300 gm a.i /ha (Chase) and neem oil 2% at 7 days regular interval (thrice) after 25DAS reduced the white fly incidence
8.	Constraints identified and feedback for research	studies on different resistance okra var. against white fly with integrated management practices
9.	Process of farmers participation and their reaction	Participatory , and easily acceptable

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest YMV incidence (%)	Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross return (Rs/ha)	Net return (Rs./ha)	BC ratio
		No. of effective tillers/hill	No. of spikelet per panicle	Test wt. (100 grain wt.)						
TO1	13				25	40200	65760	25560	1.6	
TO2	13				10	42350	76980	34630	1.8	
TO3	13				9	42850	79440	36590	1.9	

OFT-5

1.	Title of On farm Trial	Assessment of bypass fat feeding on milk production in dairy cattle
2.	Problem diagnosed	Decreased body condition of cows post partum, Low milk fat%, SNF%
3.	Details of technologies selected for assessment/refinement (Mention either Assessed or Refined)	Assessed <ul style="list-style-type: none"> • TO1: Feeding Mineral mixture @ 60 gm /day/cow during first 3 months of lactation. • TO2: Bypass protein feeding @ 100 gms + 60 gm Mineral mixture/day/cow during first 3 months of lactation
4.	Source of Technology	NDRI 2010
5.	Production system and thematic area	Livestock Production Management, Homestead Dairy farming
6.	Performance of the Technology with performance indicators	Average Milk price (in Rs) and Milk yield in Kg during first period of bypass fat feeding Milk price. , Net income and BC ratio
7.	Final recommendation for micro level situation	Addition of bypass fat @ 10-20 gm per kg milk production with mineral mixture @ 80-100 gm/animal/ day.
8.	Constraints identified and feedback for research	Animal fed about 5-6 kg of straw, 5-6 kg concentrate and limited grazing on poor to average quality pasture. It should be modified to reduce cost of production.
9.	Process of farmers participation and their reaction	Individual and group discussion. Bypass fat improves general appearance of animals and milk price per Kg of milk.

Thematic area: Livestock Production Management

Problem definition: Decreased body condition of cows post partum, Low milk fat%, SNF%

Technology assessed:

TO1: Assessment feeding Mineral mixture @ 60 gm /day/cow during first 3 months of lactation.

TO2: Assessment of bypass fat feeding@ 100 gms + 60 gm Mineral mixture/day/cow on milk yield and milk fat % in dairy cows in first three months of lactation

Table:

Technology option	No. of trials	Yield component			Disease/ insect pest incidence (%)	Yield (q/ha)	Cost of cultivation(Rs./animal/first 3 months of lactation)	Gross return (Rs./animal /first 3 months of lactation)	Net return (Rs./animal /first 3 months of lactation)	BC ratio
		Milk yield in 3 month period (in kg)	Average Milk Fat %	Average Milk price in Rs/kg						
TO1	10	672	3.6	25.2	-	-	10900	17100	6200	1.47
TO2	10	764	4.1	26.5	-	-	13000	20250	7250	1.65
TO3	10	862	4.7	28	-	-	14700	24150	9450	1.74

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	Amaranthus	Integrated crop management	Demonstration of <i>Amaranthus</i> variety "Arka Suguna"	1.0	1.0	2	8	10	
2	Tomato	Integrated crop management	Demonstration of Tomato variety "Arka Rakshak"	1.0	1.0	5	5	10	
3	Coriander	Integrated	Demonstration of	1.0	1.0	3	7	10	

		crop management	Coriander variety “Arka Isha”						
4	Rice	IPM	-Demonstration on management of BPH and WBPH in Medium land Rice- -Alley planting 30cm,alternate wetting and drying ,split application on N fert.Alternate spraying of Buprofezin 25 %SC @ 2ml /ltr .and Dinotefuran 0.4gm/lit.of water twice at 10-15 days interval	2.0	2.0	2	8	10	
5	Rice	IPM	Demonstration on Non-Chemical Management of diseases and pests of rice-RP-Installing of pheromone traps @ 25 nos./ha ➤ Installing T-shaped bird perches @ 25 nos./ha ➤ Installing Spider traps @ 20 nos./ha ➤ Release of T. japonicum @ 50,000 eggs/ha ➤ Spraying of neem oil @ 2500 ml/ha twice at 15 and 25 DAT at evening time ➤ Spraying of cow urine 5 % twice at 20 and 30 DAT	2.0	2.0	4	6	10	
6	Brinjal	IPM	Demonstration on Bio intensive management of	2.0	2.0	8	2	10	

			Brinjal fruit and shoot borer- RP-Seedling planted with neem cake @200kg/ha ,plucking of of infested twigs s and fruits regularly before spraying with Neem oil4ml/lit ,installation of ph traps 25no/ha ,weekly release of T chilonis @50,000/ha and spraying of Bt @ 2gm/lit at 10 days interval						
7	Tomato	IPM	Demonstration on Integrated management of Tomato fruit borer and leaf miner -RP- seedling treatment with imidacloprid 70 WS@5gm/Kg of seeds. apply neemcake 250kg/ha,spray Coragen 20% SC at ➤ 150 ml/ha 10 days interval in evening, ➤ collect bored fruits at periodic interval of 3-4times after fruit set	2.0	2.0	7	3	10	
8	Dairy	LPM	Feeding of mineral mixture @ 30-40gms/ heifer/day and deworming	10	10	3	7	10	
9	Poultry	LPM	Rearing of OUAT synthetic colour broiler: Pallishree in backyard	20	20	13	7	20	
10	Goatary	LPM	Concentrate feeding @ 100gms (1% of body weight) + 5 gm Mineral mixture/day/goat during lean	10	10	4	6	10	Unavailab ility of white pekin

			season along with browsing Deworming with Fenbendazole + Praziquantel							ducks due to culling of ducks at RC- CARI Bhubanes war
11.	Duckery	LPM	Rearing of white pekin ducks for meat purpose	10	0	0	0	0	0	

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 ₂ O ₅	K ₂ O					
Amaranthus	Kharif	Rainfed	Alluvium	336-342	42-45	358-364	Beans/Cowpea	24.7.17- 29.7.17	25.8.17- 31.8.17		
Tomato	Rabi	Irrigated	Alluvium	338-341	42-45	356-366	Cucumber/Bitter gourd	3.10.17- 10.10.17	12.2.18- 17.2.18		
Coriander	Rabi	Irrigated	Alluvium	338-341	42-45	356-366	Cowpea/Cucumber	16.10.17- 21.10.17	18.11.17- 1.12.17		
Rice	Kharif	Irrigated	Clay loam				Greengram	21.7.2017	25.12.2 017	1531. 11	
Rice	Kharif	Rainfed	Clay loam				Greengram	15.7.2017	30.12.2 017	1531. 11	
Brinjal	Rabi	Irrigated	Sandy loam				Rice	2.9.2017	1.3.201 8	695.7 3	
Tomato	Rabi	Irrigated	Sandy loam				Rice	2.11.2017	21.2.2 018	967.7 3	

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

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
Amaranthus	Varietal Substitution	Demonstration of <i>Amaranthus</i> variety "Arka Suguna"	10	1.0	247.36	178.21	24.79	24230	74208	49978	3.06	23120	53463	30343	2.31
Tomato	Varietal Substitution	Demonstration of Tomato variety "Arka Rakshak"	10	1.0	375	242	55	62480	150000	87520	2.40	54200	96800	42600	1.78
Coriander	Varietal Substitution	Demonstration of Coriander variety "Arka Isha"	10	1.0	36.91	24.34	51.64	23240	67820	44580	2.91	22950	48680	25730	2.12
Rice	IPM	Demonstration on management of BPH and WBPH in Medium land Rice	10	2.0	53.6	46.5	15.26	35850	83080	48076	1.31	34500	72075	37575	1.08
Rice	IPM	Demonstration on Non-Chemical Management of diseases and pests of rice	10	2.0	44.5	50.6	13.7	34500	68975	34475	2.3	33250	78430	45180	1.9
Brinjal	IPM	Demonstration on Bio intensive management of Brinjal fruit and shoot borer	10	2.0	340	295	15	48250	170000	121750	3.5	45500	147450	102000	3.2
Tomato	IPM	Demonstration on Integrated management of Tomato fruit borer and leaf miner	10	20.	315	245	28	68500	157500	89000	2.3	60400	122500	62100	2.0
Total			40	8.0											

* 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

Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No. of units	Major parameters		% change in major parameter	Other parameter		*Economics of demonstration (Rs.)				*Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	** BCR	Gross Cost	Gross Return	Net Return	** BCR
Dairy	LPM	Demonstration on trace mineral feeding for optimum maturity age in heifers	10	10	Age at first heat (years) 1.3	Age at first heat (years) 2.1	44	Milk yield due to early heat (in kg) 930	Milk yield due to early heat (in kg)	11900	23400	11500	2.33	15500	0	0	-
Cow																	
Poultry	LPM	Demonstration on rearing of OUAT synthetic colour broiler in backyard	20	10	Body weight at 3 months (in Kg) 2.15	Body weight at 3 months (in Kg) 1.4	53	No of eggs/ bird/ month (no) 16	No of eggs/ bird/ month (no) 13	1700 (for 10 birds)	5700	4000	3.35	1470 (for 10 birds)	4500	3030	3.06
Rabbitry																	
Pigerry																	
Sheep and goat	LPM	Demonstration on concentrate feeding in goats during lean season	10	10	Bodyweight change of 6 month old goats in 2 months 3.7	Bodyweight change of 6 month old goats in 2 months 2.35	57			850	3240	2390	3.81	730	2650	1920	3.63
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

Others (pl.specify)										
Total										
Fodder crops										
Napier (Fodder)										
Maize (Fodder)										
Sorghum (Fodder)										
Others (pl.specify)										
Total		10	1.0	37500	24200	55	62480	150000	87520	2.40

Technical Feedback on the demonstrated technologies

Sl. No	Crop/Enterprise	Feed Back
1	Amaranthus	Very good variety, yield is more than local variety, well accepted in Kujanga and Paradeep market.
2	Tomato	Excellent variety, Excellent yield, No wilt seen, more demand in Cuttack and Paradeep market.
3	Coriander	More yield, More return, liked by people.
4	Dairy	Animals given mineral mixture appear healthier, body coat glossy and show heat at an early age
5	Poultry	Pallishree grows at 10-15% faster rate as compared to other birds available in Jagatsinghpur and lays eggs @ 6-7 eggs/10 hens per day.
6	Goatary	Feed supplementation increases growth rate as compared to last year. Fenbendazole and praziquantel combination is more effective than albendazole alone.

Extension and Training activities under FLD

Sl. No.	Activity	Date	No. of activities organized	Number of participants	Remarks
1.	Field days	21.08.2017/ 28.11.17/ 09.02.2018, 19.01.2018, 30.01.2018	6	280	
2.	Farmers Training	04.09.2017/03.10.2017- 04.10.2017/28.10.2017	3	90	
3.	Media coverage		2		
4.	Training for extension functionaries				

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

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Groundnut	G-5	12.5	1400	1600	2500	Groundnut Var. DEVI, (ICGV 91114) Seed rate-150 kg/ha, STBF application, Soil application with Gypsum @ 250kg/ha, Seed treatment with Vitavax power	68	30.0	20.8	15.5	18.4	31.5	17.0	3.8

							@ 2gm /kg seed and Need based PP measures.Spraying of Acetampride @ 250 gm/ha for management of sucking pests. Spraying of Triazophos + Deltamethrin @ 2.5 ml/lit.								
2	Greengram	Jhainmung	5.2	4.15	4.3	10.0	Var- - IPM 02-14, seed inoculation with Rhizobium and PSB @20 gm per kg seed. Soil application of Boron , Installation of yellow sticky traps@25 /ha, Spraying of Chloropyriphos and Cypermethrin @2ml/lit	104	30	7.8	6.5	7.2	3.15	3.20	2.2

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	G Nut Var. DEVI, (ICGV 91114), Seed rate-150 kg/ha, STBF application, Soil application with Gypsum @ 250kg/ha, Seed treatment with Vitavax	32500	56250	23750	1.8	37000	81900	44900	2.2

	power @ 2gm /kg seed and Need based PP measures.Spraying of Acetampride @ 250 gm/ha for management of sucking pests. Spraying of Triazophos + Deltamethrin @ 2.5 ml/lt.								
2	Var- - IPM 02-14, seed treatment with Rhizobium and PSB. Soil application of Boron , Installation of yellow sticky traps25 no/ hand ,spray of Chloropyriphos and cypermethrin 2ml/lit, use of Thiamethoxam 2ml/lit for management of white fly andYMV	14500	27040	12540	1.8	17500	37440	19940	2.1

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	G Nut Var. DEVI, ,(ICGV 91114)Seed rate-150 kg/ha, STBF application, Soil application with Gypsum @ 250kg/ha, Seed treatment with Vitavax power @ 2gm /kg seed and Need based PP measures.Spraying of Acetampride @ 250 gm/ha for management of sucking pests. Spraying of Triazophos + Deltamethrin @ 2.5 ml/t.	54600	43,680	45.00	Nil	Nil	Custom hiring of groundnut seed drill , purchase of house hold article and maintenance of family	40/ha/house hold
2	Green gram var IPM-02-14	21000 kg	18000	52 .00 per kg	2000	1000	Purchase of sprinkler irrigation system, and one pulse thresher by the producer group	1500 mandays(50 mandays per ha)

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	G nut Var. DEVI, ,(ICGV-91114)Seed rate-150 kg/ha, STBF application, Soil application with Gypsum @ 250kg/ha, Seed treatment with Vitavax power @ 2gm /kg seed and Need based PP	Variety Devi is suitable for Rabi season grown after kharif paddy	More no of pods /plants , 2 seeded pods , bold, lustrous, suitable for water stress condition , bunchy type .	Highly affordable seed cost as seed cost of Farmers variety and Variety Devi is at par i.e Rs 80/- /kg	Lack of irrigation facility at critical stage (pegging & pod filling stage.)	Acceptable	Demonstration towards inputs should be more. Seed availability must be ensured before time.

	measures.Spraying of Acetampride @ 250 gm/ha for management of sucking pests. Spraying of Triazophos + Deltamethrin @ 2.5 ml/lit.						
2	Green gram var IPM -02-14 (bold seeded)	Suitable for sowing after harvest of paddy in available soil moisture condition	Bold seeded , good luster, longer pod , more no of pods per plant and the var is preferred	High Affordability of this technology due to seed price is not high	no	Acceptable to all the village but one irrigation can enhance the crop stand	Pulse , green gram seed production should be done under seed village scheme to meet the demand of the quality seed

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Variety Devi ,(ICGV 91114),90-110 days to maturity,	Average yield -18.4 qt/ha	Average yield -18.4 qt/ha yield of farmers variety- 12.5qt/ha	Highly affordable seed cost as seed cost of Farmers variety and Variety Devi is at par i.e Rs 80/-/kg, Variety is suitable for Rabi Season
Soil application of gypsum 250kg/ha and Chloropyriphos dust @25 kg /ha	Bold seeded , optimum pod yield , more oil content	More seed yield resulting good income due to gypsum application ,less incidence termite and white grubs due to soil application of Chloropyriphos	Due to soil application of Chloropyriphos white grub and termite incidence reduced significantly
Use of seed drill for sowing	Lobour cost reduced ,optimum plants population maintain	Optimum plants population with spacing 30 x 15 cm ,timely sowing , reduced drugery	Low cost of production ,timely sowing and more yield.
Less incidence of YMV	Incidence of YMV is recorded very less(<4 %)	Incidence of YNV is more	Variety having resistant against YVMV

F. Extension activities under FLD conducted:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Method demonstration on seed treatment with Vitavax power@2 gm/kg of seed	10.1.2018 AT Derakana	40
2	Groundnut seed sowing by use of Seed cum fertilizer drill	15.01.2018,Sankheswar	40
3	Training on groundnut cultivation	2.2.2018,Derakana and Ersama	60
4	Field Day	24.3.2018, Derakana``	60
5	Group meeting and seed treatment campaign	15.01.2018,Sankheswar	80
6	Method demonstration of installation of yellow sticky trap in farmers field	17.3.18- Village - Bagoi Block -Kujanga	80
7	Field day	31.3.18 , Village - Bagoi Block -Kujanga	60

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

J. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Groundnut	i) Critical input		190326	
	ii) TA/DA/POL etc. for monitoring		12436	
	iii) Extension Activities (Field day)		4425	
	iv)Publication of literature		0	
	Total	253800	207187	46613
Greengram	i) Critical input		153,242	
	ii) TA/DA/POL etc. for monitoring		6020	
	iii) Extension Activities (Field day)		6390	
	iv)Publication of literature		7100	
	Total	225000 (Budget allocation but not received)	172,752	Note ----- Rs 225000 (Budget allocation but not received) Budget Received – nil

K. List of Farmer under FLD (Crop wise)
Crop1

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Longitude	Latitude						H	L	A		
Nityananda Routaray	Krushna Chandra Routaray	Poragadei, Ranitala	tirtol	9938507224		86-22'48.36"	20-19'43.83"	Yes	20:40:20 (NPK)	Var- - IPM 02-14, seed treatment with Rhizobium and PSB. Soil application of Boron Installation of yellow sticky traps,spray of Chloropyriphos and cypermethrin	IPM 02-14	20 kg per ha	7.4	5.8	7.2	5.2	38.5
Jatindra Nath Nayak	Dijabara Nayak	Balikuda	Baliku da	9777127488		86-25'39.20"	20-12'28.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha	6.8	5.2	7.0	4.8	25.8
Sachitra Nanda Das	Kusa Das	Japa,	Erasam a	9937266414		86-25'39.20"	20-12'28.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha	7.8	5.1	6.8	5.0	36
Niranjan Khuntia	Sadasiba Khuntia	Japa,	Erasam a			86-25'39.20"	20-12'28.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Manu Charan Nayak	Udayanath Nayak	Balikuda	Baliku da	9556986155		86-22'16.56"	20-17'24.81"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha	7.4	5.1	6.9	5.4	27
Puspanjali Mallick	Rabindra Mallick	Balikuda	Baliku da			86-22'16.56"	20-17'24.81"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Bichitrananda Lenka	Surendranath Lenka	Balikuda	Baliku da	9937194616		86-22'16.56"	20-17'24.81"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Hrusikesh Moharana	Iswar Moharana	Balikuda	Baliku da	8658416085		86-22'16.56"	20-17'24.81"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Susil Kumar Swain	Natabara Swain	Balikuda	Baliku da			86-17'28.81"	20-11'43.80"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Soumya Ranjan Nayak	Rabindra Nath Nayak	Balikuda	Baliku da			86-22'16.56"	20-17'24.81"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Nityananda Moharana	Iswar Moharana	Balikuda	Baliku da	9178594188		86-22'16.56"	20-17'24.81"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Ratnakar Pradhan	Gajendra Pradhan	Bhutamun dai,	Kujang a	9937147646		86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha	6.6	5.2	7.0	4.8	25.8
Murali Behera	Ananta Behera	Bhutamun dai,	Kujang a	9853312132		86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Muralidhar Rana	Sunakar Rana	Bhutamun dai,	Kujang a	9437224047		86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Satat Chandra Khatei	Giridhari Khatei	Bhutamun dai,	Kujang a	9178260665		86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Narayana Khatei	Birabara Khatei	Bhutamun dai,	Kujang a	7504475795		86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Sukadev Nayak	Ratnakar nayak	Bhutamun dai,	Kujang a	7064504864		86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Chaitanya Swain	Khetrabasi Swain	Bhutamun dai,	Kujang a	9938472510		86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					

Dharmananda Palei	Nalu Palei	Bhutamundai,	Kujanga		86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Akuli Rana	Janhamu Rana	Bhutamundai,	Kujanga		86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Basanta Kumar Swain	Suryamani Swain	Bhutamundai,	Kujanga	9658924394	86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Minati Das	W/o-Nirakar Das	Bhutamundai,	Kujanga	7504004729	86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Surati Das	W/o-Susanta Das	Bhutamundai,	Kujanga	9658529586	86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Jharana Das	W/o-Narayan Das	Bhutamundai,	Kujanga	9040202725	86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Gopabandhu Swain	Narahari Swain	Bhutamundai,	Kujanga	9938456537	86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Uendra Rana	Narahari Rana	Bhutamundai,	Kujanga	9658039711	86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Jogendra Sahoo	Giridhari Sahoo	Bhutamundai,	Kujanga	9776713204	86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Buli Das	Rajendra Das	Bhutamundai,	Kujanga	7788822395	86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Arabinda Sahoo	Sulabha Sahoo	Bhutamundai,	Kujanga	9040301218	86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Gouranga Swain	Gokharam Swain	Bhutamundai,	Kujanga		86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Pabitra Swain	Maguni Swain	Bhutamundai,	Kujanga	8658723711	86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Gangadhar Sathy	Babuli Sathy	Bhutamundai, Kujanga	Kujanga		86-20'54.73"	20-17'21.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Ashok Kumar Choudhury	Sribachha Behera	Bagoi,	Kujanga	9777766056	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha	7.4	5.8	7.1	5.4	31.4	
Puma Chandra Behera	Dhruba Behera	Bagoi,	Kujanga		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Abhaya Kumar Mohapatra	Narendranath Mohapatra	Bagoi,	Kujanga	9178208634	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Santosh Swain	Sankar Ch. Swain	Bagoi,	Kujanga	9090647734	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Prafulla Kumar Pradhan	Krushna Chandra Pradhan	Bagoi,	Kujanga		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Sukanta Pradhan	Hari Pradhan	Bagoi,	Kujanga		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Sanatana Pani	Govinda Pani	Bagoi,	Kujanga	7381581727	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Jayanta Kumar Ratha	Giridhari Ratha	Bagoi,	Kujanga	8117857237	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Gagan Bihari Panda	Daitary panda	Bagoi,	Kujanga	8583442037	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						

Brajabandhu Sukla	Bata Krushna Sukla	Bagoi,	Kujanga	9668311934		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Prafulla Kumar Sukla	Purusotam Sukla	Bagoi,	Kujanga	9583615694		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Santosh Kumar Rathi	Gopinath Rath	Bagoi,	Kujanga	8458071110		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Dipak Narayan Rout	Kunja Bihari Rout	Bagoi, Kujanga	Kujanga	9937955350		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Niranjan Panda	Gopinath Panda	Bagoi, Kujanga	Kujanga	9668101795		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Subash Pani	Paramananda Pani	Bagoi, Kujanga	Kujanga	7894364398		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Niranjan Panda	Daitary Panda	Bagoi, Kujanga	Kujanga	7377703381		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Sarbeswar Rout	Gokhei Rout	Bagoi, Kujanga	Kujanga			86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Sukanta Sukla	Rama Chandra Sukla	Bagoi, Kujanga	Kujanga	7653012665		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Muralidhar Behera	Nityananda behera	Bagoi, Kujanga	Kujanga	9438434252		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Sarada Pradhan	Kailash Pradhan	Bagoi, Kujanga	Kujanga	9938959770		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Babaji Ch. Rout	Maheswar Rout	Bagoi, Kujanga	Kujanga	9861545223		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Kailash Chandra Pradhan	Giridhari Pradhan	Bagoi, Kujanga	Kujanga	9078228024		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Karmakar Behera	Nityananda Behera	Bagoi, Kujanga	Kujanga	9938440810		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Manas Kumar Pradhan	Gourang Pahan	Bagoi, Kujanga	Kujanga	9861262762		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Hemanta pradhan	Hari Pradhan	Bagoi, Kujanga	Kujanga	9078411588		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Rabindra Kumar Swain	Narendra Swain	Bagoi,	Kujanga	9938625843		86-29'47.01"	20-18'22.69"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Prasana Kumar Swain	Ratnakar Swain	Bagoi,	Kujanga	9668802096		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Giridhari Sahoo	Krushna Chandra Sahoo	Bagoi,	Kujanga			86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Sunakar Behera	Duryodhan Behera	Bagoi,	Kujanga			86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Gagan Bihari Behera	Shyamsund ar Behera	Bagoi, Kujanga	Kujanga	9690713554		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Shyasundar Behera	Banibandhu Behera	Bagoi, Kujanga	Kujanga	9776130956		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Nirbhay Kumar Mohapatra	Balaram Mohapatra	Bagoi, Kujanga	Kujanga			86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					
Ajaya Kumar Mohapatra	Narendra Nath	Bagoi, Kujanga	Kujanga	9937638264		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha					

	Mohapatra																	
Dhirendra Nath Panda	Dhadi Panda	Bagoi, Kujanga	Kujanga	9937620220	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Bipin Pradhan	Giridhari Pradhan	Bagoi, Kujanga	Kujanga		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Bijay Kumar Khatei	Govinda Khatei	Bagoi, Kujanga	Kujanga	9937097729	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Sashikanta pradhan	Giridhari Pradhan	Bagoi, Kujanga	Kujanga		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Sachidananda Panda	Gobinda Chandra Panda	Bagoi, Kujanga	Kujanga	9937095503	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Bipin Bihari Rath	Brundaban Rath	Bagoi, Kujanga	Kujanga	9938011090	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Manguli Swain	Japa hari swain	Bagoi, Kujanga	Kujanga	8658331308	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Binodini Behera	Prasanta behera	Bagoi, Kujanga	Kujanga	7751969616	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Sarat Ch. Baliarsingh	Gopinath Baliarsingh	Bagoi, Kujanga	Kujanga	9438407311	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Akshaya Kumar Khatai	Gobinda Khatai	Bagoi, Kujanga	Kujanga	9668303307	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Chitta Ranjan Swain	Dhadi swain	Bagoi, Kujanga	Kujanga	9583143963	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Satyananda Behera	Jogendra Behera	Bagoi, Kujanga	Kujanga		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Amar Kumar Swain	Balaram Swain	Bagoi, Kujanga	Kujanga	9777886857	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Sribaisha behera	Manai behera	Bagoi, Kujanga	Kujanga	9090865401	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Banita Choudhury	Ashok Choudhury	Bagoi, Kujanga	Kujanga	7326036410	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Prasanta Pradhan	Nari Pradhan	Bagoi, Kujanga	Kujanga		86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Anubhaba Mohapatra	Abhaya Mohapatra	Bagoi, Kujanga	Kujanga	9777070634	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Jotshnarani Behera	Giridhari Behera	Bagoi, Kujanga	Kujanga	8917411590	86-34'33.9"	20-19'34.6"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Prasanna Kumar Mohanty	Brundaban Mohanty	Nagapur, Tirtol	Tirtol	9238933102	86-22'41.72"	20-19'42.78"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha	7.6	6.4	7.4	5.0	48.		
Dillip Kumar Mohanty	Duryodhan Mohanty	Nagapur, Tirtol	Tirtol	7381670054			Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Prasanta Das	Sudam Charan Das	Nagapur, Tirtol	Tirtol		86-22'41.72"	20-19'42.78"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Sarada Prasad Mohanty	Gajendra Mohanty	Nagapur, Tirtol	Tirtol		86-22'41.72"	20-19'42.78"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Rabinarayan Jena	Radhashyam Jena	Nagapur, Tirtol	Tirtol	9938889838	86-22'41.72"	20-19'42.78"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							
Sarat Kumar Das	Dayanidhi Das	Nagapur, Tirtol	Tirtol	9938356286	86-22'48.36"	20-19'43.83"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha							

Smuriti Ranjan Mohapatra	Aditya Mohapatra	Nagapur, Tirtol	Tirtol	9658616191	86-22'48.36"	20-19'43.83"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Harekrushna Muduli	Adikanda Muduli	Gamhapur , Raghunathpur	Raghunathpur	7381796848	86-13'33.41"	20-19'15.51"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha	7.3	5.6	7.5	5.3	41.5	
Laxman Sethi	Mani Sethy	Gamhapur , Raghunathpur	Raghunathpur	9776231866	86-13'33.41"	20-19'15.51"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Gobinda Chandra Swain	Hadibandhu Swain	Gobindapokhari,	Jagatsinghpur	-	86-13'17.10"	20-17'20.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha	7.8	5.3	7.3	5.2	26.9	
Mahendra Kumar Pal	Somanath Pal	Gobindapokhari, Jagatsinghpur	Jagatsinghpur	-9438436171	86-13'17.10"	20-17'20.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Parsuram Pal	Maheswar Pal	Gobindapokhari, Jagatsinghpur	Jagatsinghpur	-	86-13'17.10"	20-17'20.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Kedareswar Pal	Rusi Pal	Gobindapokhari, Jagatsinghpur	Jagatsinghpur	-	86-13'17.10"	20-17'20.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Abhimanyu Swain	Markanda Swain	Gobindapokhari, Jagatsinghpur	Jagatsinghpur	-	86-13'17.10"	20-17'20.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Dillip Kumar pal	Panchanan Pal	Gobindapokhari, Jagatsinghpur	Jagatsinghpur	-	86-13'17.10"	20-17'20.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Kulandi Parida	Ganeswar Parida	Gobindapokhari, Jagatsinghpur	Jagatsinghpur	-	86-13'17.10"	20-17'20.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Bibhuti Bhusan Parida	Mayadhar Parida	Gobindapokhari, Jagatsinghpur	Jagatsinghpur	-	86-13'17.10"	20-17'20.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Rabindra Pal	Somanath pal	Gobindapokhari, Jagatsinghpur	Jagatsinghpur	-	86-13'17.10"	20-17'20.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Prafulla Pal	Kanduri pal	Gobindapokhari, Jagatsinghpur	Jagatsinghpur	-	86-13'17.10"	20-17'20.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						
Kalandi Parida	Ganeswar Parida	Gobindapokhari, Jagatsinghpur	Jagatsinghpur	-	86-13'17.10"	20-17'20.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha						

Gopal Ch. Swain	Hadibandhu Swain	Gobindapokhari, Jagatsinghpur	Jagatsinghpur	-		86-13'17.10"	20-17'20.22"	Yes	20:40:20 (NPK)	-do-	IPM 02-14	20 kg per ha	7.8	5.2	7.5	5.3	41.5
-----------------	------------------	-------------------------------	---------------	---	--	--------------	--------------	-----	----------------	------	-----------	--------------	-----	-----	-----	-----	------

a) Crop2-Groundnut

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						H	L						A				
Bankabihari Dash	Natabar Dash	At-Derakan a GP-Gopalpur Sankheswar	Tirtol	9777020167		86-31'36.42"	20-19'41.94"	Yes	fertilizers @ 20 kg N, 40 kg P₂O₅ and 40 kg K₂O/ha	, Var. DEVI, (ICGV 91114)Seed rate-150 kg/ha, STBF application, Soil application with Gypsum @ 250kg/ha, Seed treatment with Vitavax power @ 2gm /kg seed and Need based PP measures.Spraying of Acetampride @ 250 gm/ha for management of sucking pests. Spraying of Triazophos + Deltamethrin @ 2.5 ml/lt.	DEVI, (ICGV 91114)	150kg/ha	20.5	16.2	18.4	12.5	47.0
Dhulamani Kanungo	Bidyadhar Kanungo	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Susanta Mallick	Rajkishore Mallick	-do-	Tirtol	7683835474		86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Kabira Mallick	Murali Mallick	-do-	Tirtol	9938306943		86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-

											91114)						
Bhramarabar Nayak	Dhani Nayak	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, ,(ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Rabindra Khuntia	Ramesh Chandra Khuntia	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, ,(ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Purnachandra Parida	Binod Parida	At-Derakan a GP-Gopalpur Sankheswar	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, ,(ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Nimain Parida	Binod Parida	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, ,(ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Bijay Das	Gadadhar Das	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, ,(ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Sukanti Das	W/o Ajaya Das	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, ,(ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Suresh Ch. Das	Dharamanda Das	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, ,(ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Gagan Bihari Sahoo	Dharamanda Sahoo	do	Tirtol			86-31'36.42"	20-19'41.94"	Yes		-do-	DEVI, ,(ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Pradipta Mallick	Bhagban Mallick	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, ,(ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-

											91114)						
Brundaban Ojha	Murali Ojha	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Basanta Das	Gadadhar Das	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Akshay Das	Radhu Das	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Prabira Mallick	Mahani Mallick	do	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Fakira Mallick	Mahani Mallick	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Siba Charan Mallick	Bansidhar Mallick	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Batakrushna Das	Prahallad Das	-do-	Tirtol	7873790391		86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Prabhat Mallick	Babaji Mallick	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Prabhat Sethy	Padana Sethy	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-

Atal Ch. Jena	Dolagobinda Jena	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-
Salila Sethy	Chakradhar Sethy	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-
Pradipta Dash	Natabar Dash	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-
Lalit Mohan Khuntia	Surendra Khuntia	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-
Anama Das	Radhu Das	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-
Dharanidhar Panda	Brundaban Panda	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-
Renubala Barik	Bhagaban Barik	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-
Nayana Das	Somanath Das	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-
Ashok Samantaray	Sarat Samantara y	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-
Pradipta Kanungo	Jadumani Kanungo	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-

											91114)						
Bijay Mallick	Murali Mallick	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Subash Mallick	Rajendra Mallick		Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Sukdev Sethy	Sankar Sethy	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Bijay Sethy	Sankar Sethy	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Nabaghana Sahoo	Bairagi Sahoo	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes		-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Sarada Prasanna Malla	Ajay Malla	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Natabara Parida	Binod Parida	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Brundaban Ojha	Mathuri Ojha	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Nabaghana Sahoo	Bairagi Sahoo	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-

Bairagi Sethy	Purna Sethy	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Subash Chandra Mallick	Rajkishore Mallick	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Prasanna Sutar	Sarat Sutar	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Biranchi Narayan Das	Ganeswar Dash	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Sanjukta Sutar	Kshetrabasi Ojha	-do-	Tirtol			86-31'36.42"	20-19'41.94"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Pankaj Das	Manaranjan Das	At-Ghasua G.P-Olara	Erasama			86-22'16.76"	20-17'25.50"	Yes	fertilizers @ 20 kg N, 40 kg P2O5 and 40 kg K2O/ha		DEVI, (ICGV 91114)	150kg/ ha	18.5	14.3	15.5	12.5	24
Nitai Das	Pankaj Das	Do	Erasama			86-22'16.76"	20-17'25.50"	Yes			DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Gopal Das	P. Das	Do	Erasama			86-22'16.76"	20-17'25.50"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-
Prahallad Das	Nibaran Das	Do	Erasama			86-22'16.76"	20-17'25.50"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	- do -	-do-	-do-	-do-

Nandalal Das	Prahallad Das	Do	Erasama	7873790391	86-22'16.76"	20-17'25.50"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	-do-	-do-	-do-
Jaydev Das	Prahallad Das	Do	Erasama		86-22'16.76"	20-17'25.50"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	-do-	-do-	-do-
Giteswar Das	Sudam Das	do			86-22'16.76"	20-17'25.50"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	-do-	-do-	-do-
Subas Das	Giteswar Das	Do	Erasama	9556217252	86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	-do-	-do-	-do-
Jaikrushna Das	Haradha Das	Do	Erasama	9556217252	86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	-do-	-do-	-do-
Sukumar Gayan	Aswini Gayan	At-Harispur garh, Erasama	Erasama	9668753440	86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	-do-	-do-	-do-
Sibaprasad Swain	Maguni Swain	At-Olara, Asia, Erasama	Erasama		86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	-do-	-do-	-do-
Kapila Kumar Das	Bibhuti Ranjan Das	At-Garia, Erasama	Erasama	9178730820	86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	-do-	-do-	-do-
Niranjan Muduli	Bamadev Muduli	At-Ghasua G.P-Olara	Erasama		86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ ha	-do-	-do-	-do-	-do-
Goutam Das	Haradha Das	-do-	Erasama		86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV	150kg/ ha	-do-	-do-	-do-	-do-

											91114)						
Prabira Das	Bichitra Das	do	Erasama	7894356886		86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Subas Dinda	Ram Chandra Dinda	do	Erasama	9776161170		86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Ganesh Maiti	Dhanjay Maiti	At-Olara, Asia,	Erasama			86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Gurupada Mandal	Umakanta Mandal	At-Olara, Asia	Erasama			86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Basanta Swain	Maguni Swain	Do	Erasama	9658389861		86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Nirada Mandal	Jiban Mandal	Do	Erasama			86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Gouribala Mandal	W/o-Satyaranjan Mandal	Do	Erasama			86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-
Pradipta Das	Subhransu Das	At-Harispur garh	Erasama			86-26'08.37"	20-12'56.59"	Yes	-do-	-do-	DEVI, (ICGV 91114)	150kg/ha	-do-	-do-	-do-	-do-	-do-

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 elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	

*training title should specify the major technology /skill transferred

D) Sponsored Training Programmes

Sl. No	Title	The thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsoring Agency
							Male			Female			Total				
							Other s	SC	ST	Ot her s	SC	ST	Ot her s	SC	ST	To tal	
1.	Training of Field functionaries/Extension Officers on Organic farming	Organic farming	July	2	EF	1	13	3	0	4	0	0	16	4	0	20	Regional Center for Organic Farming, Bhubaneswar

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

Nature of Extension Activity	No. of activities	Farmers				Extension Officials			Total		Total
		M	F	T	SC/ ST (% of total)	Male	Female	Total	Male	Female	
Field Day	10	356	44	400	16	18	4	22	374	48	422
KisanMela	03	926	174	1100	12	24	12	36	950	186	1136
KisanGhosthi	02	26	14	40	12	-	-	-	26	14	40
Exhibition	06	2640	360	3000	14	41	11	52	2681	371	3052
Film Show	08	312	88	400	12	-	-	-	312	88	400
Method Demonstrations	12	145	35	180	13	-	-	-	145	35	180
Farmers Seminar	02	632	118	750	12	12	05	17	644	123	767
Workshop	-	-	-	-	-	-	-	-	-	-	-
Group meetings	12	86	34	120	8	-	-	-	86	34	120
Lectures delivered as resource persons	29	836	34	870	10	54	8	62	890	42	932

Advisory Services	23	1402 9	125 8	152 87	11	86	32	118	141 15	1290	15405
Scientific visit to farmers field	180	626	94	720	12	-	-	-	626	94	720
Farmers visit to KVK	965	895	70	965	9	-	-	-	895	70	965
Diagnostic visits	38	312	84	396	11	-	-	-	312	84	396
Exposure visits	2	32	0	32	5	-	-	-	32	0	32
Ex-trainees Sammelan	1	50	0	50	6	-	-	-	50	0	50
Soil health Camp	-	-	-	-	-	-	-	-	-	-	-
Animal Health Camp	1	42	14	56	8	4	2	6	46	16	62
Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Soil test campaigns	5	106	16	122	11	-	-	-	106	16	122
Farm Science Club Conveners meet	2	40	-	40	8	3	-	3	43	-	43
Self Help Group Conveners meetings	-	-	-	-	-	-	-	-	-	-	-
MahilaMandals Conveners meetings	--	-	-	-	-	-	-	-	-	-	-
Celebration of important days (specify)											
• Sankalp Se Siddhi	1	280	55	335	12	12	3	15			350
• Swatchta Hi Sewa	1	92	28	120	9	-	-	-			120
• MahilaKisan Divas	1	-	46	46	11	3	1	4			50
• World Soil Day	1	198	36	234	10	10	6	16			250
• World Food Day	1	37	19	56	9	4	-	4			60
• Jai Kisan Jai Vigyan	1	52	18	700 0	12	-	-	-			70
• World Meteorological Day	1	36	14	50	8	-	-	-			50
• Akshaya Tritiya	1	38	-	38	7	8	4	12			50
Agril. Education Day	1	32	39	71	14	3	-	3	35	39	74
Any Other (Specify)											
Total	1310	228 56	26 92	32 47 8	282	282	88	370	223 68	2550	25918

B. Other Extension activities

Nature of Extension Activity	No. of activities
Newspaper coverage	12
Radio talks	2
TV talks	1
Popular articles	4
Extension Literature	2
Other, if any	-
CD/DVD	2

3.5 a. Production and supply of Technological products

Village seed

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

KVK farm

Crop	Variety	Quantity of seed (q)	Value (Rs)	Number of farmers to whom seed provided
Paddy	Pooja	82.6	207326.00	OSSC LTD.
Paddy	Gayatri	73.6	184736.00	OSSC LTD.
Paddy	Uphar	67.4	169174.00	OSSC LTD.
Grand Total			561236.00	

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	Dawn-175	5000	5000	16
Cabbage	Konark	2000	2000	12
Tomato	Arka Rakshak	2000	2000	10
Brinjal	Swarna Mani	2000	2000	10
Chilli	Suryamukhi	2000	2000	14
Onion				
Others				
Fruits				
Mango				
Guava				
Lime				
Papaya	Coorg Honeydew	1000	5000	136
Banana				
Others				
Ornamental plants				
Medicinal and Aromatic Plantation				
Spices				
Turmeric				
Tuber				
Elephant yams				
Fodder crop saplings				

Forest Species				
Others, pl.specify	PKM-1	1000	5000	172
Total				

Production of Bio-Products

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

Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers benefitted
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Small ruminants				
Sheep				
Goat				
Other, please specify				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)	Rainbow Rooster, Pallishree	6500	370000	160
Japanese Quail				
Turkey				
Emu				
Ducks	Khaki Campbell	190	10500	20
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl. specify)				
Fisheries				
Indian carp				
Exotic carp				
Mixed carp				
Fish fingerlings				
Spawn				
Others (Pl. specify)				
Grand Total				

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

i) Name of Seed Hub Centre:

Name of Nodal Officer :	
Address :	

e-mail :	
Phone No. :	
Mobile :	

ii) Quality Seed Production Reports

Season	Crop	Variety	Production (q)			
			Target	Area sown (ha)	Production	Category of Seed (F/S, C/S)
Kharif 2017						
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 (4,90,000)	4,90,000	11,78,182	Nil	Renovation of Farmers' Hostel and Admn. Building completed
2017-18 Infrastructure: 4,00,000 Revolving fund: 2,00,000	4,00,000	7,64,668	-	Renovation of Demo Units. Fund has been placed to RWD, Jagatsinghpur

iv) Infrastructure Development

Item	Progress
Seed processing unit	<i>Nil</i>
Seed storage structure	

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

Item	Title	Author's name	Number	Circulation
Research paper	Perception and Constraints faced by Pulse Grower and Yield gap analysis of Greengram (<i>Vigna radiata</i> L.) in East and South coastal plain of Odisha, India	S.R.Dash, B.K. Rautaray and A. Dhal	International Journal of Current Microbiology and Applied Science(2018)7(1):338-346	3500
Seminar/conference/symposia papers				
Books	Approach and Impact of Watershed Development	S D Mukhopadhyay, and S R Dash	100	100
Books	Paddy Cultivation	Dr. Deabsis	1000	450

		Mishra		
Books	Poultry	Dr. P. K. Padhi	500	350
Bulletins				
News letter	Krushishree	Senior Scientist and Head	1500	1500
Popular Articles	Krushi Vigyan Kendra ra Bhumika, Matiagundi poka niyantrana	Senior Scientist and Head	1000	1000
Book Chapter				
Extension Pamphlets/ literature	Method of Soil Sampling		500	360
Extension Pamphlets/ literature	Soil Sample Collection		500	250
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.	Orientation programme	IPM, IDM, ICM in cereals, vegetables and plantation crops	Bijaya Kumar Rautaray, Scientist (PP)	1.2.2018	ATARI, Kolkota
2.	Orientation programme	INM, ICM in horticultural crops	Asish Kumar Mohanty, Scientist (Hort.)	1.2.2018	ATARI, Kolkota
3.	Orientation programme	Agri Implements, and Water conservation	Dipsikha Paramjita, Scientist (Ag. Engg)	30.12.2017	ATARI, Kolkota
4.	Orientation programme	LPM, Pig breeding, Disease management	Prabhat Kumar Padhi, Scientist (Vert. Sc)	3.2.2018	ATARI, Kolkota
5.	Orientation programme	Capacity Building of different stake holders in extension prog.	Samir Ranjan Dash, Scientist (Ag. Extn.)	6.2.2018	ATARI, Kolkota
6	Training prog	Cutting edge technologies of horticultural crops	Asish Kumar Mohanty, Scientist (Hort.)	20.11.2017 to 22.11.2017	DEE, OUAT, BBSR
7	Training prog	Cutting edge technologies of horticultural crops	Rabindra Kumar Pradhan (Hort.)	20.11.2017 to 22.11.2017	DEE, OUAT, BBSR

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

Name of farmer	Sri. Sanjit Mohanty
Address	Village: Khadala G.P : Bodhei Block/Dist: Kujanga/ jagatsinghpur
Contact details (Phone, mobile, email Id)	9439082531

Landholding (in ha.)	2.0
Name and description of the farm/ enterprise	Farm Mechanization <ul style="list-style-type: none"> • Manual seed spreader for mat nursery preparation • Self propelled rice transplanter for mechanised transplanting on custom hiring basis • Paddy power weeder for weeding in line transplanted rice for drudgery reduction, labour saving and increase in yield. • Drip fertigation system in vegetable cultivation for precise use of water and fertiliser. • Mini dal mill for processing of greengram and black gram • Use of Power Boom Sprayer for spraying. • Use of Power thresher for paddy threshing.
Economic impact	He earned about Rs 2,94,490/- per year
Social impact	Farmers of nearby villages are impressed by seeing the use of farm machineries and purchasing more numbers of paddy transplanter weeder for labour saving and increase in yield.
Environmental impact	He has adopted organic cultivation of vegetables in 0.5 acre area after getting one month skill development training from KVK which is eco-friendly
Horizontal/ Vertical spread	Seeing his success 8 farmers from nearby villages have shown interest towards farm mechanization. He himself is interested for custom hiring of farm equipments in his village.

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

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

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

b. Give details of organic farming practiced by the farmer

Sl. No.	Crop / Enterprise	Area (ha)/ No. covered	Production	No. of farmers involved	Market available (Y/N)
1	Tomato	0.5	105	2	N
2	Brinjal	0.4	120	1	N
3	Rice	0.4	15	1	N

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

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	25-26.04.17, Majhisahi	20

Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	18-19.05.17, Japabhuan	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	20-21.06.2017, Bagoi	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	29-30.06.17, Bagoi	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08-09.08.17, Bagoi	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	26-27.09.17, Charadia	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	24-25.10.17 Bagoi	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	27.10.17 Nagapura	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	28-29.11.2017, Dthinkia	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit	26-28.11.2017, Japabhuan	20
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	19.12.17, Nagapura	20
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	28.02.18, Tulanga,Erikundala	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	18.07.17, Sanakorkora	25
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.08.17, Ranitola	18
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	12.08.17, Kantapada	28
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	20.08.17, Mahira	26
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	08.09.17, Sainito	19
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	17.09.17, Bagoi	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	04.10.17 Banito	21
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	14.10.17, Badabelari	22
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	26.10.17, Achutadaspur	24
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	04.11.17 Bodhei	22
Jagatsinghpur	RY	Group discussion, Diagnostic field visit, Personal contact	29.11.17, Sanimula	27

Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	20.12.17, Hashimnagar	20
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	22.03.18, Bhutamundai	25
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	2103.18, Japabhuan	25
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	28.03.18, Bhutamundai	25
Jagatsinghpur	F/FW	Group discussion, Diagnostic field visit, Personal contact	27.03.18, Japabhuan	25

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

Sl. No	Name of the Equipment	Qty.
1	Automatic Nitrogen Analyzer with digestion Unit	01
2	KES 08 LE	01
3	KEL VAC VA	01
4	Flame Photometer	01
5	Digital Soil Moisture Meter	01
6	Physical Balance	01
7	All Glass Double Distillation Unit	01
8	Distillation Appts Power Supply	01
9	PH Meter-Micro Controller	01
10	Conductivity Meter	01
11	Rotary Shaker	01
12	Flask Holding Clamp	01
13	Mechanical Stirrer	01
14	Bouycocus Hydrometer	01
15	Hot Air Oven (Digital)	01
16	Thermometer	01
17	Water Quality Analyzer	01
18	Vortex Shaker	01
19	Magnetic Stirrer with Hot Plate	01
20	Wooden Geological Hammer	01
21	Sieve Brassframe	01
22	Keen Cup	01
23	Soil Moisture Sample Box	01
24	Soil Agar Screw Type	01
25	Electronic Balance	01
26	Top Pan Balance	01
27	PC based double beam UV Vis Spectrometer	01
28	Refrigerated Centrifuge	01
29	Angle Head R-244m -12x15ml	01

30	Angle Head	01
31	Voltage Stabilizer	01

3.11.b. Details of samples analyzed so far :

Number of soil samples analyzed			No. of Farmers	No. of Villages	Amount realized (in Rs.)
Through mini soil testing kit/labs	Through soil testing laboratory	Total			
0	325	325	52	12	0

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	Exhibition Seminar Farmers Scientist Interaction	250	1	Dr Kulamani samal,MP, Jagatsinghpur	50	250

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

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

3.13. Technology week celebration

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

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

No of student trained	No of days stayed
21	45

ARS trainees trained	No of days stayed
NIL	

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
29.08.2017	Director,	For attending the Sankalp se Siddhi

	ATARI, Zone-V	programme
03.08.2017 to 21.09.2017	Assoc. Prof./ Asst. Prof. & RAWE Student, CA, OUAT	Village Attachment Programme
20.09.2017	Dr. R.K. Paikray & Dr. J. Padhi, OUAT, Bhubaneswar	Monitoring the RAWE Programme
24.10.2017	Member, Board of Management, OUAT, Bhubaneswar	Review of KVK Activities
14.11.2017	Senior Scientist, IARI, New Delhi	Implementation of pilot project on issues of climate change in coastal Agro - ecosystem
05.12.2017	Hon'ble M.P, Jagatsinghpur	Attending World Soil Day
05.12.2017	Block Chairman, Tirtol	Attending World Soil Day
30.1.2018	Prof. P. K. Roul, Dean, Extension Education, OUAT	KVK Review
13.3.2018	Dr. S. C. Mohapatra, JDE, DEE, OUAT	13 th Scientific Advisory Committee Meeting
13.03.2018	Dr. M. Mishra, ADR, RRTTS, OUAT, Bhubaneswar	13 th Scientific Advisory Committee Meeting

4. IMPACT

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

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Demonstration of herbicide Oxyfluorofen (Zargon) in Okra	70	60	54800/ha	64600/ha
Demonstration of Onion variety "Bhima Super"	62	40	47600/ha	60400/ha
Demonstration of French bean variety "Pusa Parvati" :	56	80	35900/ha	42200/ha
Demonstration of watermelon variety "Arka Jyothi" :	42	70	38150/ha	46500/ha
Demonstration on rearing of white pekin ducks for meat purpose	22	60	8000/100 nos	12000/100 no.
Demonstration on backyard poultry in post adverse climatic situations	170	80	6000/100 nos.	12000/no.
Demonstration of scented rice var. "Nua kalajira"	16	60	46900/ha	54200/ha
Demonstration on application of Nimin coated urea in low land paddy	112	70	6000/ha	10000/ha
Demonstration of herbicide 'Oxyfluorofen' in brinjal	10	50	54800	64600
Demonstration of Marigold var. "Siracole"	10	40	47600	60400
Demonstration on management of Blast in Rice	10	80	59200	74350
Demonstration on management of BPH in Rice	10	80	54400	57120
Demonstration on management of YMV in Okra	10	60	62000	74000
Demonstration on management of tobacco caterpillar in Cauliflower	10	60	54800	64600

Demonstration of Self propelled rice transplanter	10	60	54400	57120
Demonstration of paddy power weeder	10	40	52800	58200

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		
	No. of villages	No. of farmers	Area in ha/no
Demonstration of herbicide Oxyfluorofen (Zargon) in Okra	06	18	2.6
Demonstration of Onion variety "Bhima Super"	08	54	32
Demonstration of French bean variety "Pusa Parvati" :	07	82	16.8
Demonstration of watermelon variety "Arka Jyothi" :	05	65	9.0
Demonstration on rearing of white pekin ducks for meat purpose	4	10	250
Demonstration on backyard poultry in post adverse climatic situations	90	780	450
Demonstration of scented rice var."Nua kalajira"	07	42	22.0
Demonstration on application of Nimin coated urea in low land paddy	26	282	56
Demonstration of herbicide 'Oxyfluorofen' in brinjal	9	45	12
Demonstration of Marigold var."Siracole"	2	16	2.0
Demonstration on management of Blast in Rice	56	242	82
Demonstration on management of BPH in Rice	48	231	74
Demonstration on management of YMV in Okra	12	86	24
Demonstration on management of tobacco caterpillar in Cauliflower	6	72	16
Demonstration of Self propelled rice transplanter	35	61	34
Demonstration of paddy power weeder	4	26	12

Give information in the same format as in case studies

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

4.4. Details of innovations recorded by the KVK

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

4.5. Details of entrepreneurship development

Entrepreneurship development	
Name of the enterprise	Poultry Hatching unit-cum Rearing and Feed Supply Centre
Name & complete address of the entrepreneur	Sri Bipin Bihari Pradhan Village - Bagoi GP - Bagoi

	Block - Kujanga Dist - Jagatsinghpur Mob - 9937212305
Role of KVK with quantitative data support:	Sri Pradhan was selected for the on farm trial programme on backyard poultry in the financial year 2014-15 & 2015-16. Before inducting Sri Pradhan was given intensive skill development programs on Scientific Poultry farming and management practices and low cost feed formulation of poultry from KVK, Jagatsinghpur. He also attended a lot of various awareness programmes and exposure visits to private poultry farms for gaining first hand experiences. KVK, Jagatsinghpur distributes 20 nos. Of Vanaraja and 20 nos. of Pallishree colour birds to him after 21 days of brooding programme. Dewarming and vaccination bird were done by Mr. Pradhan with technological back stopping by the Scientist of the KVK. Besides, he was linked with line department for govt. subsidy and also with bank for loan.
Timeline of the entrepreneurship development	Body weight of Vanaraja poultry at 52 weeks of age for male was about 3.6 kg while for female it was about 2.5 kg. and incase of Pallishree the body weight of male was 2.95 kg and 2.3 kg for female. Vanaraja produces 103-110 eggs and Pallishree produces 150-160 eggs per year and age of first egg laying of these breeds is almost similar i.e. 175-180 days by the time Sri Pradhan started to brood fertile egg of both Vanaraja and Pallishree by using his local hen.
Technical Components of the Enterprise	Backyard poultry farming with rural improved breed Breed upgradation by crossing these two breeds Hatching eggs of both Vanaraja and Pallishree by using local hen Supply chicks and fertile eggs of improved rural poultry breed
Status of entrepreneur before and after the enterprise	Sri Bipin Bihari Pradhan has got a net profit of 65,245/- by selling ready bird, table egg and newly hatched chicks from each unit and first batch.
Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise):	Sri Pradhan an un-employed rural youth paved the way for other un-employed youths as well as farmers and farm women to take up poultry rearing of improved breeds like Vanaraja and Pallishree as a viable rural entrepreneurship to generate low input and high out put venture for sustainable livelihood development which can be achieve within a very short period of time.
Horizontal spread of enterprise	80 nos. of practicing women community from nearby 8 villages are now started backyard poultry farming with rural improved poultry breed.

4.6. Any other initiative taken by the KVK;

5. LINKAGES

5.1. Functional linkage with different organizations

Name of organization	Nature of linkage
Dept of Agriculture /ATMA	Technology dissemination ,Capacity Building, Technology Sharing
Dept of Horticulture	Technology dissemination ,Capacity Building, Technology Sharing
Dept of Veterinary science	Veterinary Services, Training of farmers/ paravets, Backyard poultry farming, Animal health camp
Dept of Fisheries	Technical information, procurement of fingerlings, Linking

	beneficiaries of KVK
Odisha livelihood Misson	Backyard poultry farming, Small ruminant production
NABARD	Formation of Krishak club
NHM	Linking beneficiaries of KVK
ICAR-NRRI/CIFA/CHES/CTCRI/CIWA	Dairy farming,
CPDO/IPDP	Backyard poultry farming
FODDER FARM, BHUBANESWAR	Fodder slip/ roots supply, fodder cultivation
AICRP-FOODDER/POULTRY	Backyard poultry farming, fodder cultivation

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

a) Programmes for infrastructure development

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

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

Name of the programme/scheme	Purpose of programme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Farmers-Scientist Interaction	Question-Answer session to answer the queries of farmers	28-29 March,2018	ATMA	20,000/-

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.	Poultry	2011	100	Rainbow Rooster, Pallishree	Devel oped chick	6500	3,80,000	4,19,000	Devel oped chicks suppli ed for backya rd rearing
2.	Goatary	2011	100	Sirohi	Breedi ng buck	1	10000		Due for culling / Replac ement
3.	Dairy	2017	100	Cross bred cow	Milk	4350 Kg	70000	128000	
4.	Fodder	2017	2000	Hybrid	Green	150	4000	8000	For

				Napier, Guinea, Setaria, para grass, Signal grass, Green panic, Sorghum, Maize, Cow pea	fodder	quintal			feeding cows of demo unit
5.	Vermi-compost	2011	50	Vermin	compost	20	1000	10000	Used in crop cafeteria

6.2. Performance of Instructional Farm (Crops)

Name Of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.(q)	Cost of inputs	Gross income	
Paddy	21.7.2017	1.1.2018	2.6	Pooja	Foundati on Seed	82.6		207326.00	
Paddy	21.7.2017	5.1.2018	1.75	Gayatri	Foundati on Seed	73.6		184736.00	
Paddy	21.7.2017	8.1.2018	2.25	Upahar	Foundati on seed	67.4		169174.00	
Greengram	25.2.2018	Crop is in field					25000.00		

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

Sl. No.	Name of the Product	Qty. (Kg)	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
1.					
2.					
3.					

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

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Poultry	Rainbow Rooster, Pallishree		6500	3,80,000	4,19,000	
2.	Goatary	Sirohi		1	10000		Due for culling/ Replacement
3.	Dairy	Cross bred cow		4350 Kg	70000	128000	

6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

Months	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
July -Sept	21	45	
Oct-Dec	20	10	

Jan-Mar	50	10	
Total :	91	65	

(For whole of the year)

6.6. Utilization of staff quarters

Whether staff quarters has been completed: yes

No. of staff quarters: 06

Date of completion: 2012

Occupancy details:

Months	Q I	Q II	Q III	Q IV	Q V	Q VI
April 2017 to August 2017	Filled					
April 2017 to March 2018	Filled					
April 2017 to March 2018	Vacant					
April 2017 to March 2018	Filled					
April 2017 to March 2018	Filled					
April 2017 to March 2018	Vacant					

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
Current Account (KVK Contiengency)	State Bank of India	ADB, Jagatsinghpur	11297400655
Current Account (Revolving fund)	State Bank of India	Rahama Branch	30773631818

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		2,53,800		2,07,187	46,613

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

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2013
	Kharif	Rabi	Kharif	Rabi	
Greengram			Nil	1,72,752	(-) 1,72,752

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	71,00,000	71,00,000	
2	Traveling allowances	1,00,000	1,00,000	1,00,000
3	Contingencies	13,00,000	12,98,800	12,98,800
A	Stationary, telephone, postage and other exp. On office running			3,39,083
B	POLs, repair of vehicles tractor and equipment.			69,201
C	Vocational Training			
D	i). Meals / refreshment of trainees.			2,35,350
E	ii). Training Materials			72,450
F	Training on extension functionaries.			19,425

<i>G</i>	Front line Demon except oilseeds and pulses.			2,68,994
<i>H</i>	On-farm testing			22,375
<i>I</i>	Extension Activities			1,19,018
<i>J</i>	Library maintenance and adding of books and journals			-
<i>K</i>	Maintenance of buildings.			16,104
<i>L</i>	World Soil Day			78,800
<i>M</i>	Krishi Unnati Mela			50,000
<i>N</i>	Swatchta Expenditure			8,000
<i>4</i>	Repairing and Maintence of Demo Units	4,00,000	4,00,000	4,00,000
TOTAL (A) Sl. No. 2, 3 and 4		18,00,000	17,98,800	17,98,800
B. Non-Recurring Contingencies				
<i>1</i>	Office equipments & Furniture	3,00,000	3,00,000	2,96,809
TOTAL (B)		3,00,000	3,00,000	2,96,809
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		21,00,000	20,98,800	20,95,609

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year (Kind + cash)
2015-16	35126	12,08,801	10,05,734	2,38,193(Rs.80,000 refunded to OUAT, Bhubaneswar)
2016-17	2,38,193	14,36,318	11,78,182	4,96,329 (Rs.4,50,000 refunded to OUAT, Bhubaneswar)
2017-18	46,329	10,13,319	7,64,668	2,94,980(Rs.2,00,000 received from OUAT, Bhubaneswar)

7.6. (i) Number of SHGs formed by KVKs-15

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

(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

Name of activity	Number of activity	Season	With line department	With ATMA	With both
BGREI	Monitoring	Kharif	Dept.of Agrl.		
Farmers Scientist Interaction	01	Rabi		With ATMA	
World soil, day	01	Rabi	Dept.of Agrl.		
Capacity building prog.	20	Kharif & Rabi	Dept.of Agrl.		
Animal Health Camp	04	Kharif and Rabi	Dept. Animal Sc.		
Panipanchayat training cum awareness	01	Kharif	Dept. of Water Resources		
Planting material verification	05	Kharif and Rabi	NHM		
Formation of Farm Science Club	03	Kharif and Rabi	NABARD		

Exhibition at District level	04	Kharif -2 & Rabi-2	Dept.of Agrl/Horti/Fishery/Animal Sc.		
------------------------------	----	--------------------	---------------------------------------	--	--

8. Other information

8.1. Prevalent diseases in Crops

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

8.2. Prevalent diseases in Livestock/Fishery

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

9.1. Nehru Yuva Kendra(NYK) Training

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

9.2. PPV & FR Sensitization training Programme

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

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

Type of message	No. of messages	No. of farmers covered
Crop	10	15408
Livestock	2	15408
Fishery	2	15408
Weather	2	15408

Marketing	0	0
Awareness	4	15408
Training information	0	0
Other	3	15408
Total	23	15408

9.4. KVK Portal and Mobile App

Sl. No.	Particulars	Description
1.	No. of visitors visited the portal	360
2.	No. of farmers registered in the portal	15408
3.	Mobile Apps developed by KVK	Nil
4.	Name of the App	Nil
5.	Language of the App	Nil
6.	Meant for crop/ livestock/ fishery/ others	Nil
7.	No. of times downloaded	Nil

9.5. a. Observation of Swacha Bharat Programme

Date of Observation	Activities undertaken
15 th September to 2 nd October 2017	<ol style="list-style-type: none"> 1. Celebration of Sewa Divas (17th Sept 2017) 2. Celebration of Sarwatra Swachhata (18th Sept 2017) 3. Celebration of Samagra Swachhata Divas (24th Sept. 2017) 4. Cleaning of Office Garden (2nd Oct. 2017)

b. Details of Swachhta activities with expenditure

Activities	Number	Expenditure (in Rs.)
1. Digitization of office records/ e-office	4	-
2. Basic maintenance		8,000
3. Sanitation and SBM		
4. Cleaning and beautification of surrounding areas	15	6000
5. Vermicomposting/ Composting of biodegradable waste management & other activities on generate of wealth for waste	2	2400
6. Used water for agriculture/ horticulture application	1	-
7. Swachhta Awareness at local level	7	1800
8. Swachhta Workshops		
9. Swachhta Pledge		

10. Display and Banner	2	450
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)	5	-
14. No of Staff members involved in the activities	12	
15. No of VIP/VVIPs involved in the activities	-	
16. Any other specific activity (in details)		
Total	48	18,650

9.6. Observation of National Science day

Date of Observation	Activities undertaken

9.7. Programme with SeemaSurakshaBal (BSF)

Title of Programme	Date	No. of participants

9.8. Agriculture Knowledge in rural school:

Name and address of school	Date of visit to school	Areas covered	Teaching aids used
Adikabi Saraladas College, Tirtol	03.12.2017	80	LCD, White Board, Marker, AV Aid

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 Darsan (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		
29.08.2017	-	1 Dr. K. Samal, Hon'ble MP(Loksabha)	-	-	1	-	1	330	20	353	Yes	Daily News paper

9.10. Details of Swachhata Hi Sewaprogramme organized

Sl. No.	Activity	No. of villages Involved	No. of Participants	No. of VIPs	Name (s) of VIP(s)
1	1. Celebration of Sewa Divas (17 th Sept 2017) 2. Celebration of Sarwatra Swachhata (18 th Sept 2017) 3. Celebration of Samagra Swachhata Divas (24 th Sept. 2017) 4. Cleaning of Office Garden (2 nd Oct. 2017)	3	75	-	-

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 MahilaKisan Divas	2	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
1	Sanjeet Mohanty	At- Khadala G.P : Bodhei Block: Kujanga, Dist-Jagatsinghpur	Farm mechanization

		Mob:9439082531	
2	Laxman Sethi	At-Gamhapur, P.O-Redhua Block-Raghnathpur Dist-Jagatsinghpur Mob:9776231866	Intensive Vegetable cultivation
3	Muralidhar Behera	At- Bagoi, Kujanga, Jagatsinghour Mob -9438434252	Pulse production through farmers producer group
4	Mr. Saurav Biswal	At/P.O-Tulanga, Block-Tirtol Dist-Jagatsinghpur Mob:9237073446	Composite fish farming
5	Mr. Trilochan Mandal	At/P.O-Kunjakoti Block-Erasama Dist-Jagatsinghpur Mob:9937541303	Shrimp farming
6	Mr. Zakir Hussain	At/PO-Samang Block-Jagatsinghpur Dist-Jagatsinghpur Mob:9776707786	Poultry farming (Colour bird)
7	Mr. Jagannath Das	At-Balia, P.O- Anakhia, Block- Biridi, Dist- Jagatsinghpur Mob:933778214	Dairy farming
8	Mr. Rajib Rath	At-Putting P.O-Gopalpur Block-Tirtol Dist-Jagatsinghpur Mob:9658139870	Mushroom Spawn Production
9	Mr. Prafulla Chandra Jena	At-Bijipur, P.O-Sankheswar, Block-Tirtol Dist-Jagatsinghpur Mob:9437373297	Hi-tech Horticulture
10	Nrusingha Charan Behera	At/P.O -Teramanpur, Block-Kujang, Dist- Jagatsinghpur Mob:9938145944	Intensive Vegetable Cultivation
11	Latika Swain	At/P,O- Krushnachandrapur Block-Tirtol Dist-Jagatsinghpur	Value added products
12	Sadananda Sahoo	At/PO-Taladanda, Block-Kujanga, Dist-Jagatsinghpur Mob:9438702494	Pond based IFS
13	Prakash Chandra Panda	At/Po-Kunjakoti Block-Erasama Dist-Jagatsinghpur Mob:9437317012	Mechanized farming

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 technologies of Horticultural crop	20.11.2017 to 22.11.2017	Mr. A. K. Mohanty Mr. R.K. Pradhan	Scientist (Horticulture) Farm Manager	DEE, OUAT, Bhubaneswar
Orientation training programme for AG Engineering/Agronomy/ Soil Science	31.01.2018	Er(Ms) Dipsika Paramjita	Senior Scientist & Head	ICAR-ATARI, Kolkata
Orientation training programme for Horticulture/Plant Protection	01.02.2018	Mr. A. K. Mohanty Mr. B. K. Rautaray	Scientist (Horticulture) Scientist (Plant Protection)	ICAR-ATARI, Kolkata
Orientation training programme for Veterinary Science/Fishery Sciencie	03.02.2018	Dr. P. K. Padhi	Scientist (Veterinary Science)	ICAR-ATARI, Kolkata
Orientation training programme for Extension / Home Science	06.02.2018	Dr. S. R. Dash	Scientist (Agril. Extension)	ICAR-ATARI, Kolkata

9.14. Revenue generation

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

9.15. Resource Generation:

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

9.16. Performance of Automatic Weather Station in KVK

Date of establishment	Source of funding i.e. IMD/ICAR/Others (pl. specify)	Present status of functioning
2009	IMD	Not 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

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

- a) Year:
b) Introduction / General Information:

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

11. Details of TSP

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

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

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

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

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

d. Location and Beneficiary Details during 2017-18

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

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

Natural Resource Management

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

Crop Management

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

Livestock and fisheries

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

Institutional interventions

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

--	--	--	--	--

Capacity building

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

Extension activities

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

Detailed report should be provided in the circulated Performa

13. Awards/Recognition received by the KVK

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

Award received by Farmers from the KVK district

Sl. No.	Name of the Award	Name of the Farmer	Year	Conferring Authority	Amount	Purpose
1	Best krushak Award	Laxman Sethi	2017	OUAT,BBSR	----	Intensive vegetable grower

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
1	Maa Brajakali Utpadak Gosthi		At/Po-Bagoi,Kujanga ,Jagatsinghpur	Seed Production	Paddy and Greengram	50	15.0	Group cohesiveness, leadership at village level, Adopting new technology
2	Matrusakti Poultry Producer Group		At/Po-Garam, Tirtol, Jagatsinghpr	Poultry production ,plate making,Ph enyl,Agar bati,Custom hiring	Poultry Implements Goat	25	12.0	Group cohesiveness, saving ability Group Dynamics ,ability to take risk on enterpreurship, leadership at village

								level, Adopting new technology
3	Satyasai Utpadika Gosthi		At/Po-Jagannathpur, Tirtol, Jagatsinghpur	Poultry production, plate making, Phenyl, Agar bati, Custom hiring	Poultry Implements Goat	31	25.00	Group cohesiveness, saving ability, Group Dynamics, ability to take risk on entrepreneurship, leadership at village level, Adopting new technology
4	Dharmeswar Panchayat Mahasangha		At-Koasthi, Po-Kiranti, Tirtol, Jagatsinghpur	Poultry production, plate making, Phenyl, Agar bati, Custom hiring	Poultry Implements Goat	50	21.00	Group cohesiveness, saving ability, Group Dynamics, ability to take risk on entrepreneurship, leadership at village level, Adopting new technology




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
1	Pond	0.110	Not harvested	4,500	-	26	23
2	Dairy Unit	0.10	4800 liter	80,000	1,20,000	42	26
3	Mushroom Production Unit	0.50	60 kg	2400	4800	38	31
4	Vermicompost Unit	0.10	2q	500	1000	12	16
5	Poultry Unit	0.150	6500nos.	1,95,000	3,25,000	27	28
6	Piggery Unit	0.05	Not sold	15,000	-	1	2
7	Duckery Unit	0.05	Not sold	1000	-	6	2
8	Banana Unit	0.1	Not harvested	3200	-	21	27
9	Areca nut	0.05	Not harvested	2200	-	8	14
10	Single line Trellies System	0.05	Bitter gourd: 125 kg Ridge gourd: 105kg Country bean: 120 kg Ivy gourd: 52 kg (Harvest	1200 1400 1200 1200	2500 2100 2400 1040	4	26

			continuing)			
--	--	--	-------------	--	--	--

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	Varietal substitution with Barshadhan Line transplanting STBF application	Varietal substitution with Barshadhan Line transplanting STBF application	27775	05	
2	summer cultivation of (green gram)	Cultivation of Green gram HYV : IPM 02-14 by broadcasting 20:40:20 kg NPK / ha Treatment with rhizobium and PSB	8540	05	
3	Paddy straw mushroom (2 beds/day for 4 mths) and cultivation of Oyster Mushroom (2 bags /day for 2 mths)	<ul style="list-style-type: none"> Cultivation of Paddy straw mushroom - strain OSM-11 with proper management practices 	19000	15	

4	stocking density in Farm pond	Pond and feed management with proper stocking density	20000	05	
---	-------------------------------	---	-------	----	---

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

Phase	Database prepared/ covered for		KVK level Committee		Various activity conducted for farmers
	Total no. of villages	Total no. of farmers	Date of formation	Name of members	
I (up-to 15.03.2018)	13	85	-	-	Need based KMAS advisory given from time to time
II (up-to 24.04.218)	86	244			
Total	99	329			

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	R-E Linkage Meeting	18.07.2017	ATMA Conference Hall, Office of the D.D.A, Jagatsinghpur	Strengthening Research-Extension Linkage for Agriculture and allied sectors of the district	14
2	R-E Linkage Meeting	21.09. 2017	KVK, Jagatsinghpur	-do-	12
3	R-E Linkage Meeting	17.10.2017	ATMA Conference Hall, Office of the D.D.A, Jagatsinghpur	-do-	15
4	R-E Linkage Meeting	28.11.2017	ATMA Conference Hall, Office of the D.D.A, Jagatsinghpur	-do-	14
5	R-E Linkage Meeting	19.12.2017	KVK campus	-do-	13
6	R-E Linkage Meeting	27.01.2018	Training Hall, KVK, Jagatsinghpur	-do-	12
7	R-E Linkage Meeting	20.02.2018	Campus of CDVO, Jagatsinghpur	-do-	15

.....

PROCEEDINGS OF THE 13th SAC MEETING, KVK, JAGATSINGHPUR

The 13th SAC meeting of KVK, Jagatsinghpur was held on dated. 13.03.2018 at 10.00 am in KVK premises under the chairmanship of Dr. Subash Chandra Mohapatra, Joint Director, DEE, OUAT, Bhubaneswar. The members present in the meeting are annexed herewith. The welcome address was given by Er.(Mrs.) Dipsikha Paramajita, Senior Scientist & Head, KVK, Jagatsinghpur to all the members with bouquet of flowers. The Hon'ble Chairman of the committee inaugurated the meeting by lighting the lamps.

After a small introductory remark, the chairman advised the Senior Scientist & Head to present the achievements and proceedings (Action taken report) of the last SAC as per the agenda.

Agenda-1: Approval of the proceedings of last meeting.

The Senior Scientist & Head of KVK, Jagatsinghpur presented the achievements of KVK for the year Kharif 2017 and Rabi 2017-18. She also presented the proceedings of the 12th SAC held on 17.12.2016 in brief. The Chairman with the consent of all the members of the SAC approved the proceedings.

Agenda-2: Action taken on the recommendations of the 12th SAC meeting

The Senior Scientist & Head presented the following actions taken by the KVK as per the recommendations of the last SAC meeting.

SUGGESTIONS	ACTIONS TAKEN
Increase the outreach of KVK in the district	5 villages adopted in five different blocks after PRA survey Tirtol: Nagapura Jagatsinghpur: Gobindapokhari Kujang: Bagoi Raghunathpur: Gamhapur Erasama: Japa Operational village of KVK - 26.
Popularization of low land salt tolerant rice varieties	Varietal assessment of Luna Sampad and Luna Borial in Erasama Block village- Eribina through IARI
Assessment of Stress tolerant rice variety	Under IRRI head to head trial varietal assessment was done Var. Swarna Sub-1, CR 1009 Sub-1 and Bina-11 in Kharif 2017 at Khadalo, Japa, Bagoi, Gobindapokhari, Nagapura,
Popularization Indigenous method for plant protection	Skill development training on organic farming -1 month duration FLD on non chemicals pest management in rice at village Bagoi. Kujanga
Farm mechanization to reduce labour cost and timely operation	Combine harvester used in KVK Farm Manual operated transplanter demo in Bagoi in kharif 17 Paddy transplanter and training on women friendly farm implements have been conducted by the KVK for better reach of technology to farmers

Green manuring to enhance soil fertility	One Azolla demo unit has been established in KVK for technology dissemination
Reduce the gap between research station and extension system	Monthly R- E linkage meeting conducted with all line dept official, along with NABARD , LDM,PC,OLM and progressive entrepreneur of the district.
Organization of more number of Animal Health Camps with the collaboration of Veterinary Department	During Technological week celebration, 1 nos. of Animal health camps organized in collaboration with the Veterinary Department
Capacity building programmes of Integrated disease and pest management of vegetables should be done	Regular trainings are being done by KVK for farmers and farm women and also grass root level extension functionaries with collaboration of Agrl. Department..
Landless people should be targeted for rearing of backyard poultry for more income generation.	Going on very well. A total of around 10,000 nos. of 21 day old chicks were reared by KVK and distributed to the selected beneficiaries through OLM, Jagatsinghpur
Inclusion of more number of farmers, Krushak Sathi in KMAS	15000 farmers and extension workers enrolled
Suitable stress tolerant rice var for submergence condition	Under IRRI head to head project var Swarna Sub -1, CR 1009 Sub -1, BIna -11 assessed (29 no of trials). Foundation paddy seed production programme of var. Uphar at KVK instructional farm
IPDM in Vegetables	Demonstration on Bio-intensive management of Brinjal fruit and shoot borer at village Gamhapur Demonstration on Integrated management of leaf minor and fruit borer in tomato at village Nagapura, Gamhapur and Bagoi On Farm Testing on Okra varieties for yield and reaction to YVMV at village-Gamhapur and Bagoi On Farm Testing on Integrated management practice for white fly in Okra at village Bagoi On Farm Testing on Brinjal hybrids for their yield potential and reaction to Bacterial wilt at village-Bagoi and Nagapura. Demonstration on Triple disease resistant tomato variety-Arka Rakshak at village-Gamhapur, Nagapura and Bagoi
Emphasis on green leafy vegetables	Demonstration of Amaranthus variety-Arka Suguna and Coriander variety-Arka Isha at village-Bagoi and Gamhapur
Short time storage of vegetables	Training programme conducted, Pack house established in village Gamhapur under NHM.

Distribution of Scientific literature and awareness programme	Greengram cultivation in Odia published and distributed: 1000 copies Pest Management in Oilseed and Pulse published and distributed: 500 copies Distance Education Programme Enrollment: 47 nos. Soil Health Management in Odia : 500 copies Advisories on BPH Management : 500 copies Celebration of World Soil Health Day, World food day, Women in Agriculture day, Agriculture Education Day, Jai Vigyan and Jai Kisan programme
Organize Input dealer meet	Will be conducted in collaboration with ATMA and KVK
Testing of suitable green gram variety	MLT on Black gram varieties(Prasad, OBG-32,and Desi biri) have been conducted at KVK Crop Cafeteria during 2017 Kharif with Integrated protection measures Multi Locational Trial during Rabi 2017-18 of Greengram variety-TARM-1,VGG 15-36,VGG 15-38 MGG385 and local moong in collaboration with Pulse Resaerch station (OUAT)Berhmpur
Radio talks	2 nos. of Radio talk have organized at All India Radio <ul style="list-style-type: none"> • Post harvest management in paddy • IPM in Groundnut
Intervention to enhance milk yield of cows	Demonstration of Bypass fat feeding and mineral mixture Fodder cafeteria established in KVK Dairy demonstration unit established Animal Health Camp conducted at village Sanimula in collaboration with BVO, Tirtol on dated 04.12.2017
Seed production programme should be undertaken keeping the demand of farmers prefer variety	Suitable varieties like Pooja, CR-1018, Uphar have been taken under foundation seed production programme during Kharif 2017. In Rabi 2017-18 Greengram var. IPM-02-14 and local moong has been taken
Establishment of Crop cafeteria and IFS Model	Crop cafeteria, Established and Pond based IFS model developed with single line trellies system have been developed Medicinal garden, floriculture demo. unit, Banana demo unit have been developed.

Agenda-3: Achievements made by KVK

The overall achievement made by KVK, Jagatsnghpur was presented by the Senior Scientist & Head, KVK followed by discipline-wise presentation by Scientists for Kharif 2017 and Rabi 2017-18. The Senior Scientist & Head presented in brief about the achievements of KVK for the said period. The KVK has conducted 38 nos. of training programmes for practicing farmers/ farm women with 760 trainees, 04 nos. for Rural youths with 80 trainees, 04 nos. of In-service trainings with 60 trainees and 02 nos. of vocational trainings with 40 participants. The KVK has also conducted 18 nos of OFTs, 18 nos of FLDs in farmer's field during Kharif 2017 and Rabi 2017-18 and a total of 309 nos. of extension activities.

Detail discussions were made by the members on the achievements made by KVK and appreciated.

Agenda-4: Action Plan and Suggestions made by the members present

Action plan for the year Kharif-2018 and Rabi 2018-19 was presented by the Senior Scientists and Head. Then the Chairman requested the members for suggestion.

A. During the discussion, Dr. Manoranjan Mishra, ADR, RRTTS, BBSR, emphasized that outreach should be more and to cover all blocks with linkage with Line departments. He also suggested to use cow urine+neem for organic method of controlling pests. The other valuable suggestions given by him were:-

- Introduction of newly released saline tolerant variety of lowland paddy.
- Training should be given on Salinity management.
- Foliar spray of NPK and DAP in Green gram should be demonstrated.
- Awareness programme on cow dung gas plant.
- Zero tillage should be promoted.
- Training on Vermicompost and Organic farming should be taken up by KVK.
- Promotion of farm mechanization is to be disseminated in the district for reducing farm labour, cost of production and timely operation in the field and saving of labour cost must be calculated.
- Vegetables/Leafy vegetables should be popularized which can be grow in both Kharif and Rabi.
- Introduction of small sized marketable pumpkin variety.
- Introduction of marigold.
- Preservation of tomato.
- Management of YVMV in Green gram
- Management of Fruit and Shoot borer in brinjal
- Management of Fruit fly in pumpkin
- Bio-pesticides and Bio-control measures should be promoted.
- Demonstration/Training on Agro-forestry plantations for food and fodder needs in field bunds.
- Duck rearing in village pond.
- Cultivation of Napier grass in coconut orchard.
- Training on management for irregular heat and mastitis in cows.
- Interaction of scientific management of dairy, poultry, mushroom and pisciculture.
- Training on Repair and Maintenance of transplanter/pumps/power tillers.
- Training/Awareness programme/Kisan Mela to be carried out in distant places/places difficult to communicate.

B. The Deputy Director of Agriculture, Jagatsinghpur suggested to popularize saline tolerant paddy varieties in Ersama block.and inclusion of Krushak Sathis in KMAS programme regularly. Information on New generation pesticides should be provided through KMAS.

- C. The Sub-Divisional Veterinary Officer, Jagatsinghpur suggested that Backyard poultry under Semi-intensive method should be popularized in Erasama block. He also emphasized the Celebration of World Milk Day and World Egg Day in KVK for creating awareness. FLD on Duckery may be promoted in swampy area. More numbers of chicks and ducklings should be distributed to farmers by KVK. Awareness programme on Trace mineral feeding of cattle should be taken on large scale by KVK.
- D. The Agronomist, Tirtol emphasizes for Bio-control measures of diseases and pests. Spinosad is very good insecticide and can be taken as a treatment for fruit borer in brinjal and tomato. Grannular application of pesticide should not be promoted.
- E. The Asst. Horticulture Officer, Tirtol suggested to popularize Onion cultivation to meet the market demand. Coriander should be grown in cluster approach to capture the market price fluctuation. Capsicum cultivation should be popularized among vegetable farmers. Intercrops in brinjal will be profitable for farmers.
- F. The AGM,NABARD, Jagatsinghpur suggested that Poultry should be promoted as a viable enterprise for income generation. Banana variety-G9 is not accepted by farmers due to no market demand here.

Agenda-5 : Concluding remarks by the Hon'ble Chairman

The Hon'ble Chairman thanked all the members for sharing their valuable suggestions and suggested the KVK to increase the outreach and coverage of the institute (i.e cover all the blocks). He also emphasized on strengthening the farmers' database in the KMAS and inclusion of more numbers of farmers in the distance education system of the University. He also instructed the KVK to take up rice varieties in seed production programme as per the district demand and which are suitable for the ecologies prevailing in the district and establish them through various extension activities. Assessment of green gram varieties should be done in the KVK farm and the most suitable varieties may be taken up in the seed production programme to meet the demand of the farmers. Quality seed production of Green gram should be carried out in the KVK farm to meet the demand of the farmers in the district. The Crop Cafeteria in the KVK campus should be properly maintained with suitable off-season vegetable varieties for creating awareness among the farmers. The successful farmer in a particular field should be selected for giving training to other farmers as farmer believes a farmer more than a government officer.

The refinement may be done by the scientists.

Agenda-6 : Constraints of KVK

- Vacant post of SMS (Agronomy)
- Damaged Threshing floor
- Small size of Godown (390 sq ft)
- Damaged Godown
- Water stagnation due to improper drainage facility.

- Narrow and small training hall
- No concrete road from the Farmers Hostel to different demonstration units.

The meeting was concluded with vote of thanks by Er.(Mrs.) Dipsikha Paramajita, Senior Scientist & Head of KVK, Jagatsinghpur.

List of Participants

Sl. No.	Name & Designation	Status
1	Dr. Subash Chandra Mohapatra, JDE, DEE, OUAT	Chairman
2	Dr. M.R Mishra, Director Farms & ADR, RRTTS, Bhubaneswar, OUAT	Member
3	Sri A. K. Pattanaik, LDM, Jagatsinghpur	Member
4	Sri S. P. Mohapatra, AGM, NABARD, Jagatsinghpur	Member
5	Sri N. K. Behera, DDA, Jagatsinghpur	Member
6	Sri R. Harichandan, Seed Certification Officer, Cuttack	Member
7	Dr. P. K. Sahoo, SDVO, Jagatsinghpur	Member
8	Dr. Samonath Panda, Senior Scientist (PB&G), RRTTS, Bhubaneswar	Member
9	Mr. Bijaya Kumar Senapati, AFO, Tirtol	Member
10	Mr. Gouranga Charan Swain, AHO, Tirtol	
11	Mr. Sanjeet Mohanty, Farmer Village- Khadala	Member
12	Mr. Ashok Choudhury, Farmer, Village-Bagoi	Member
13	Mrs. Banita Choudhury, Farm Women, Village- Bagoi	Member
14	Mrs. Kalyani Barik, Farm Women, Village- Garam Sasan	Member
15	Mr. Laxman Sethi, Farmer, Village-Gamhapur	Member
16	Mr. Amar Kumar Rout, Farmer, Village-Nimakana	Member
17	Mrs. Shyamali Pattanaik, IPO, Office of the DIC, Jagatsinghpur	Member
18	Mr. Sidhartha Kar, Scientist (Horticulture), KVK, Kendrapara	Invitee
19	Dr. Sangram Paramguru, Scientist (Agril. Extn.), KVK, Puri	Invitee
20	Mr. Ashok Kumar Mohanty, DAO, Tirtol Jagatsinghpur	Invitee
21	Mr. Ratnakar Harichandan , Asst. Seed Certification Officer, Jagatsinghpur and Cuttack	Invitee
22	Mr. Ashok Kumar Mohanty, DAO, Tirtol	Invitee
23	Mr. Balaram Subudhi, Agronomist, Office of the DAO, Tritol	Invitee
24	Mr. S.K. Mohanty, DAO, Jagatsinghpur	Invitee
25	Mr. Ashis Behera, Reliance Foundation, Jagatsinghpur	Invitee
26	Mr. Ramakanta Rout, Reliance Foundation, Jagatsinghpur	Invitee
27	Mr. Muralidhar Behera, Farmer, Village-Bagoi	Invitee
28	Mr. Sarada Pradhan, Farmer, Village- Bagoi	Invitee
29	Mr. Abhaya Kumar Nayak, Farmer, Village-Mahammadbad	Invitee
30	Er.(Mrs.) Dipsikha Paramajita., Senior Scientist & Head, KVK, Jagatsinghpur	Member Secretary

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	F/FW	Commercial cultivation of banana & papaya	2	On campus	30	0	30	3	0	3
Horticulture	F/FW	Integrated crop management in betelvine	2	On campus	30	0	30	4	0	4
Horticulture	F/FW	Integrated crop management in Okra	1	Off campus	30	0	30	4	0	4
Horticulture	F/FW	Integrated crop management in Amaranthus	1	Off campus	30	0	30	3	0	3
Horticulture	F/FW	Integrated crop management in Cauliflower	1	Off campus	30	0	30	7	0	7
Horticulture	F/FW	Integrated crop management in Tomato	2	On campus	30	0	30	6	0	6
Horticulture	F/FW	Integrated crop management of Coriander	1	Off campus	30	0	30	3	0	3
Horticulture	F/FW	Integrated crop management in Chilli	1	Off campus	30	0	30	7	0	7
Horticulture	RY	Commercial Floriculture	2	On campus	30	0	30	4	0	4
Horticulture	IS	High Density Planting in banana	1	Off campus	20	4	16	2	0	2
Horticulture	F/FW	Integrated Crop management of Brinjal	2	On campus	30	0	30	6	0	6
Horticulture	F/FW	Propagation technique of Pointed gourd through cuttings	1	Off campus	30	0	30	6	0	6
Horticulture	IS	Organic Vegetable Cultivation	1	Off campus	20	4	16	2	0	2
Horticulture	F/FW	Integrated Crop Management of Bitter gourd	2	On campus	30	0	30	6	0	6
Horticulture	RY	Entrepreneurship development through Nursery business	2	On campus	30	0	30	4	0	4
Horticulture	F/FW	Integrated Crop Management of Cucumber	2	On campus	30	0	30	6	0	6
Animal Science	F/FW	Small Ruminant Management	2	Off campus	28	2	30	16	2	18
Animal Science	F/FW	Scientific Poultry Farming	3	Off campus	2	28	30	0	0	0
Animal Science	F/FW	Duck Husbandry	1	Off campus	2	18	20	0	0	0
Animal Science	F/FW	Financial planning in livestock and poultry farming	1	On campus	20	0	20	2	0	2
Animal Science	F/FW	Fodder cultivation	2	On campus	20	0	20	0	0	0
Animal Science	F/FW	Dairy farming (housing, feeding and disease management)	1	Off campus	30	0	30	2	0	2
Animal Science	RY	Brooding management of chicks	5	On campus	20	0	0	5	0	5
Animal Science	RY	Preparation of feed from non convention sources (Paddy straw enrichment, silage making, azolla cultivation)	5	On campus	20	0	20	0	0	0
Animal Science	IS	Adverse drug reactions in veterinary field practice	2	On campus	14	2	16	2	1	3
Animal Science	IS	Parasitic disease management	1	On campus	12	3	15	2	1	3
Plant Protection	F/FW	Integrated pest and Disease management in	02	Off Campus	22	0	22	3	0	3

		Rice								
Plant Protection	F/FW	Integrated pest and Disease management in Brinjal	01	Off Campus	24	0	24	6	0	6
Plant Protection	F/FW	Integrated pest and Disease management in vegetables	01	Off Campus	25	0	25	5	0	5
Plant Protection	IS	Application of New Generation pesticides	01	On Campus	13	7	20	7	0	7
Plant Protection	F/FW	Integrated pest and Disease management in Cole crops	01	Off Campus	16	5	21	4	5	9
Plant Protection	F/FW	Integrated pest and Disease management in groundnut	01	Off Campus	23	0	23	7	0	7
Plant Protection	F/FW	Integrated pest and Disease management in pulses	01	Off Campus	30	0	30	0	0	0
Plant Protection	F/FW	Management of Stored Grain Pest	01	Off Campus	30	0	30	0	0	0
Plant Protection	RY	Preparation of Botanical Pesticides	01	On campus	30	0	30	0	0	0
Plant Protection	IS	E-Pest Surevillance and Data Collection Methods	01	On Campus	13	7	20	7	0	7