

**ANNUAL ACTION PLAN
OF KVK,
NAYAGARH
FOR 2016-17**

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Instructions for Filling the Format

- 1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.**
- 2. Do not merge columns, rows.**
- 3. Please repeat the name of KVK in each table in the column “Name of KVK”.**
- 4. Do not fill the non-numerical values in numeric field**
- 5. Do not repeat the unit while reporting data as it is already mentioned in the heading row**
- 6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit**
- 7. Please mention only Standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)**
- 8. Additional relevant information may be provided at the end of Format mentioning “Additional Information”**
- 9. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**

Note for Annual Action Plan 2016-17

1) Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1st April, 2016 to 31st March 2017 in the table no.1,(1.1,1.2,1.3,1.4), 2.1, 3.2, 3.4, 3.5, 4.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6 6.0, 7.1, 7.2, 7.3, 7.4, 8.1, 9.0, 10.0, 11, 12.1, 12.2, 12.3, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29. Remaining of the column and tables will be filled up after completion of the work as Annual Progress Report.

2) Any other activities proposed not mentioned in this format may be incorporated in the last page with certain specification.

PERIOD – April, 2016 to March, 2017

Summary of the activities

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
	OFTs	22	272			
	FLDs – Oilseeds (activity in ha)	20	50			
	FLDs – Pulses (activity in ha)	20	50			
	FLDs – Cotton (activity in ha)	-	-			
	FLDs – Other than Oilseed and pulse crops(activity in ha)	15.8ha	126			
	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	65 units	65			
	Training-Farmers and farm women	43	1075			
	Training-Rural youths	6	120			
	Training- Extension functionaries	8	200			
	Extension Activities	1020	4175			
	Seed Production (Number of activity as seeds in quintal)	-	-			
	Planting material ((Number of activity as quantity of planting material in quintal)	-	-			
	Seedling Production (Number of activity as number of seedlings in numbers)	40000	761			
	Sapling Production (Number of activity as number of sapling in numbers)	2550	131			
	Other Bio- products (No. of quantity) (Vermi compost)	2MT	357			
	Livestock products (Vanaraja 21 days old poultry chicks)	3000nos	62			
	Activities of Soil and Water Testing Laboratory	-	-			
	Rainwater Harvesting System	-	-			
	Kisan Mobile Advisory (KVK-KMA)	200	5000			
	SAC Meeting (Date & no. of core/ official members)	2	44			
	Literature to be Developed/Published	4	4			
	Convergence programmes / Sponsored programmes	-	-			
	Utilization of Farmers Hostel	9	225			
	Utilization of Staff Quarters	-	-			

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
	Details of KVK Agro-technological Park	-	-			
	Crop Cafeteria-	-	-			
	Farm Innovators- list of 10 farm innovators from the District	-	10			
	Status of Revolving Funds	-	-			
	Awards and Recognitions	5	5			
	Case study / Success Story to be developed	2	2			
	KVK Progressive Farmers interaction	2	200			
	Outreach of KVK in the District (No. of blocks, no. of villages)	8 blocks	381 villages			
	Technology Demonstration under Tribal Sub Plan	-	-			
	KVK Ring	-	-			
	Important visitors to KVK	-	-			
	Status of KVK Website	Blocked				
	Status of RTI	-	-			
	E-connectivity	-	-			
	Details of Technology Week Celebrations					
	Interventions on Drought Mitigation	-	-			
	Proposal of NAIP	-	-			
	Proposal of NICRA	-	-			
	Well labeled photographs	-	-			
	Other Activities	-	-			

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Nayagarh	Programme Coordinator	Vacant								
Nayagarh	Scientist and SSH (I/C)	Dr.Amitabh Panda	Sr. Scientist & Head	Ph.D (Ag)	Horticulture	15600-39100	21390	04.04.11	Temporary	Others
Nayagarh	Scientist	Mr. Trinath Khandaitaray	Scientist (Plant Protection)	M. Sc (Ag)	Entomology	15600-39100	20590	18.07.09	Temporary	Other
Nayagarh	Scientist	Mr. Tribijayi Badjena	Scientist (Agril. Extension)	M.Sc (Ag)	Agril. Extension	15600-39100	17610	07.04.10	Temporary	Other
Nayagarh	Scientist	Dr.Swagatika Sahu	Scientist (Fisheries)	Ph.D (Fishery)	Fisheries	15600-39100	17610	9.11.12	Temporary	Other
Nayagarh	Scientist	Mrs Bijaya Laxmi Rout	Scientist (Home Science)	M.Sc	Home Science	15600-39100	19810	25.1.16	Temporary	Other
Nayagarh	Scientist	Mrs. Suchismita Diwvedy	Scientist (Ag) Eng	M.Tech	Agricultural processing & food engineering	15600-39100	15600	22.01.2016	Temporary	Other
Nayagarh	Programme Assistant	Mr. Bikram Keshari Parimanik	Pro. Asst. (Forestry)	M.Sc	Forestry	9300-34800	13430	16.10.06	Temporary	Other
Nayagarh	Farm Manager	Vacant								
Nayagarh	Computer Programmer	Mrs. Rosalin Praharaaj	Pro. Asst. (Computer)	B.Sc (PGDC A,MCA)	Computer	9300-34800	13450	10.03.06	Temporary	Other
Nayagarh	Accountant / superintendent	Mr. R.M. Mishra	S.O-	M.A (B.Ed)-	-	9300-34800	13450	14.02.14	Temporary	Other
Nayagarh	Stenographer	Miss S. Mallick	Jr. Steno Cum Computer Operator	B.A	-	5200-20200	5200	12.02.14	Temporary	SC
Nayagarh	Driver	Mr. Rabi Narayan Mohapatra	Driver/Mechanic	Intermediate	-	5200-20200	6110	22.07.08	Temporary	Other
Nayagarh	Driver	Mr. J. Pradhan	Driver/Mechanic	Matric	-	5200-20200	6600	26.6.13	Temporary	Other
Nayagarh	Supporting staff	Mr.Harihar	Peon/Watchm	ME	-	4440-7440	5580	1.12. 2014	Temporary	Other

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Nayagarh	Supporting staff	Pradhan Mr. Gunanidhi Bauta	an Peon/Watchm an	ME	-	4440-7440	5580	19.12.07	Temporary	Other

1.2. DISTRICT PROFILE (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)–

KVK Name	Agro-climatic zone	No. of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Nayagarh	East and South Eastern Coastal Plain Zone (ESCPZ)	8	177	9,62,000	79.12	1,72,245	1,44,083	0.94 ha

1.	Geographical area of the district	3,89,000 ha (3890 sq.km)
2.	Height from mean sea level	90 mtr.
3.	No. of subdivisions	1
4.	No. of Tahasils	8
5.	No. of NAC	2
6.	No. of CD blocks	8
7.	No. of GPs	180
8.	No. of revenue villages	1703
9.	Population in the district 2011 census	9,62,000
	Male	5,02,000
	Female	4,60,000
10.	ST population	5.88%, 50,836
11.	SC population	14.04%, 1,21,409
12.	Literacy	79.12%
	Male	82.66%
	Female	57.64%
13.	Annual Rainfall	1354.3mm
14.	Max temperature	44.0 ⁰ C
15.	Minimum temperature	11.0 ⁰ C
16.	Population density	247/sq. km.
17.	Area under forest	38,086 ha.
18.	Area under cultivation	1, 34,000 ha.
	High land	45,000 ha
	Medium land	49,000 ha
	Low land	40,000 ha
19.	Kharif irrigated area	45,390 ha.
	Rabi irrigated area	21,670 ha.

20.	Classification of land holding	
	Less than 1 ha.	1,13,730 no.
	Between 1 to 2 ha.	18,443 no.
	Above 2 ha.	11,910 ha.

1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2015 to 31.3.2016 (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Nayagarh	Giridipalli	2011	Khandapada	35km	625	575
Nayagarh	Bajrakote	2011	Ranpur	30km	700	658
Nayagarh	Anlamada	2012	Khandapada	12km	570	435
Nayagarh	Darpanarayanpur	2012	Ranpur	35km	625	575
Nayagarh	Beguniapatna	2013	Nayagarh	18km	875	483
Nayagarh	Damuni	2014	Nuagaon	32Km	325	125
Nayagarh	Katarajhari	2015	Odagaon	18Km	250	180

1.4. THRUST AREAS identified by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	THRUST AREA
Nayagarh	Varietal substitution in rice, particularly for rain-fed upland and medium land types.
Nayagarh	Crop diversification from rice to pulse (Arhar), oilseed (Sunflower, ground nut) sugarcane and tuber crop based cropping systems.
Nayagarh	Integrated nutrient management by incorporation of crop residues/forest litters, green manuring, improvised composting and balanced use of inorganic and bio-fertilizers.
Nayagarh	Popularizing eco-friendly pesticides and bio-control agents and IPM practices for borers in sugarcane, rice and brinjal.
Nayagarh	Revolutionizing fresh water fish farming by including freshwater prawn (Scampi) in composite pisciculture system.
Nayagarh	Empowerment of rural youth and SHGs through remunerative agro based enterprises like value addition of fruits and vegetables, mushroom production, bee keeping, floriculture, poultry farming and nursery raising.
Nayagarh	Rejuvenating mango and cashew orchards and developing Alternative Land Use system models.
Nayagarh	Scientific method of fish production with freshwater prawn culture, integrated farming system research and stunted fingerlings & yearlings stocking.
Nayagarh	Income generation from backyard poultry for economic upliftment.
Nayagarh	Raising of fuel wood, timber and fodder yielding species to meet the local demand and production, value addition of minor forest products.
Nayagarh	Varietal substitution in rice, particularly for rain-fed upland and medium land types.

1.5. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

Nayagarh	Rice : Low grain yield - poor nutrition- Heavy weed infestation- High grain loss – BPH, stem borer, sheath blight/rot, blast & BLB	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Anlamada (Khandapara) Darpanarayanpur (Ranpur), Beguniapatna(Nayagarh)
Nayagarh	MOONG : Low productivity – Little Nutrition- High storage loss – Pulse beetle, root rot & YMV incidence	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Giridipalli (Khandapara) Darpanarayanpur (Ranpur),Chandi, gopalipada, Khandapada
Nayagarh	SUGARCANE : Increase in production cost – Closer spacing-High Seed requirement – Manual weeding- Low MC production – Poor N management- Incident of ESB, IB & SB.	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Mardarajpur (Nayagarh) Anlamada (Khandapara)
Nayagarh	Maize: Low productivity, use of low yielding non adoptable varieties, imbalanced nutrient management, heavy weed infestation in early stage. Severe pest & disease incidence throughout the crop growth.	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Giridipalli (Khandapara) Maichheli, Raghunathpur(Nuagaon)
Nayagarh	COLOCASIA : Increase in production cost – Manual weeding-Growth retardation Blight & Corm Rot	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Biridi (Khandapara) Ranipatna(Khandapara)
Nayagarh	TUBER CROPS : Deep rooted longer duration Yam - poor acceptance- less yield potential Sweet Potato – Poor acceptance, Slow multiplication rate, weevil incidence	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Giridipalli (Khandapara) Shikharpur (Khandapara)
Nayagarh	GROUNDNUT : Increased production cost – Manual weeding- Poor plant stand – Early stage wilting	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Melambo,(Nayagarh) Ratanpur,(Khandapara)
Nayagarh	SUNFLOWER : Low yield – Increased Chaffiness-pest & disease incidence	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Anlamada (Khandapara) Darpanarayanpur (Ranpur)
Nayagarh	COCONUT : Fruit drop- Eriophyid mite attack-Low yield in local types	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Giridipalli (Khandapara) Bajrakote (Ranpur)

Nayagarh	MANGO: Fruit drop- Mango hopper & Bark eating caterpillar	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Lingiribari(Nuagaon) Shikharpur(Khandapara)
Nayagarh	BRINJAL : Fruit and Shoot borer Incidence- Wilting	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Giridipalli (Khandapara) Jadupur (Nayagarh)
Nayagarh	COLE CROPS: Tobacco caterpillar incidence- Low yield in local types	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Begunia Patna(Nayagarh)) Raj Patna(Nayagarh)
Nayagarh	TOMATO: Low yielding local types, severe wilt & fruit borer incidence.	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Giridipalli (Khandapara) Begunia Patna(Nayagarh)
Nayagarh	FOREST TREES : Untapped forest resources , Deforestation due to heavy demand on fuel wood, timber and fodder demand	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Balugaon(Nayagarh)) Suamadhupa(Bhapur)
Nayagarh	FISHERY: Poor pond management Predatory and weed fish in fish ponds High seed mortality Improper stocking ratio and density Poor feeding management Single crop culture practice, Less income from pisciculture Less income from fish culture without any foreign money No fish yield from backyard water logging area Less income of SHGs from fisheries	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting	Iaxmi Prasad(Khandapara) Khedapara(Nayagarh) Damuni (Nuagaon) Darpanarayanpur (Ranpur)
Nayagarh	OTHERS: Underutilization of orchard shade (cashew and mango)- Straw scarcity for mushroom production - Lack of income generating vocation for women & rural youths- Poor land utilization and crop insurance in rainfed upland- Grain loss by house & field rats- Distress sell of mango & tomato- Malnutrition of women and children – Drudgery associated with rural housewives and women in agriculture.	PRA Survey, Group Discussion, Diagnostic Visit, Farmers club matting, SHG Group meet, Interaction	Patulisahi(Nuagaon) Mahipur(Nuagaon)

2. On Farm Testing

2.1 Information about OFT to be conducted

KVK name	Year/ season	Problem diagnose	Category of technology (Assessment / Refinement)	Thematic Area	Crop/ enterprise	Farming Situation s	Target (ha)	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										Farm er practi ce T1	Rec. Tech T2	T1	T2
Nayagarh	Kharif 2016	Low yield in rice due to heavy incidence of rice sheath blight	Assessment	IDM	Rice	Rainfed Mediu m	0.5ha	07	Assessment of IDM for Sheath blight management in Rice				
Nayagarh	Rabi 2016-17	Less yield and less marketability due to severe melon frit fly infestation in bittergourd.	Assessment	IDM	Bittergourd	Irrigate d medium	0.5ha	07	Assessment of management practices for melon frit fly in Bittergourd				
Nayagarh	Rabi 2016-17	Severe leaf curl incidence at the initial stages of crop growth reduced yield by 22%,area affected 250ha	Assessment	IPM	Chilli	Irrigate d medium	0.5 ha	07	Assessment of IPM for leaf curl in chilli				
Nayagarh	Rabi 2016-17	Diamond back moth infestations in cabbage,yield reduction 29%, area affected 345ha	Assessment	IPM	Cabbage	Irrigate d medium	0.5 ha	07	Assessment of integrated management for diamond back moth in cabbage				
Nayagarh	Kharif 2016	Less no. of fruits /plant, Low yield (1kg per plant per season),50% area affected.	Assessment	Varietal evaluati on	Tomato	Irrigate d upland	0.5 ha	07	Assessment of suitable kharif tomato hybrids under upland condition				
Nayagarh	Kharif 2016	Irregular bearing habit of CV. Dashehari leading to on year and off year	Assessment	ICM	Mango	Irrigated upland	1.0 ha	07	Assessment of application growth regulator to				

									control irregular bearing habit of mango				
Nayagarh	Rabi 2016-17	High incidence of bolter , double bulbs and neck rot , low yield frpm local cultivar	Assessment	Varietal evaluation	Onion	Irrigated medium land	0.5 ha	07	Assessment of onion var. Bhima sakti in a rice-onion cropping system				
Nayagarh	Rabi 2016-17	Low bunch weight, small fingers	Assessment	ICM	Banana	Irrigated medium land	0.5 ha	07	Assessment of foliar application of Banana special				
Nayagarh	Kharif, 2016	Low yield due to single harvest with Indian major carps (IMC) like catla, rohu, mrigal No intermediary income during the culture period Avg. 65% ponds of ACZ is associated with the problem	Assessment	Varietal evaluation	IMC	Clay loam rainfed	1 ha	3	Assessment of the performance of new species in carp polyculture system	-	-		
Nayagarh	Kharif, 2016	The cost of ingredients (oil cake and Paddy bran) in traditional feed is increasing and the FCR is more than 3 in fish seed rearing	Assessment	Production & management	IMC	Pond based	0.6 ha	3	Assessment of performance of different feed for fry to fingerlings rearing				
Nayagarh	Rabi, 2016-17	Non availability of RCD in required quantity	Assessment	Production & management	IMC	Pond based	1.2 ha	3	Assessment of liquid organic manure in fish production	-	-		
Nayagarh	Rabi 2016-17	Improper nutrition in dairy animal cause low milk yield, less fat and SNF	Assessment	Nutrition management	CB	homestead	13	13	Assessment of bypass fat feeding on milk production	-	-		

									of dairy cattle				
Nayagarh	Kharif 2016	high cost of cultivation, more labour and time requirement	Assessment	Medium & Rainfed	Paddy	Farm Mechanization	1 ha	13	Assessment of 8 row self-propelled rice transplanter				
Nayagarh	Rabi 2016-17	Unavailability of labour , More cost and time	Assessment	Medium & Rainfed	Paddy	Farm Mechanization	1 ha	13	Assessment of pre germinated paddy seeder.				
Nayagarh	Rabi 2016-17	Low net return in traditional method of sowing of green gram due to high cost of cultivation, more labour and time requirement	Assessment	Medium & Rainfed	Green gram	Farm Mechanization	1 ha	13	Assessment of Zero Till Drill for line sowing of Green gram.				
Nayagarh	Rabi,2016-17	Low yield due to improper plant population	Assessment	Medium & Rainfed	groundnut	Farm Mechanization	1 ha	13	Assessment of bullock drawn 5 row seed cum fertilizer drill for sowing of ground nut				
Nayagarh	Kharif 2016	Delayed and lack of visual based technical information dissemination	Assessment	ICT	Enterprise	-	-	50	Assessment of effectiveness of KMA in SRI Method of Paddy Cultivation	-	-		
Nayagarh	Rabi 2016-17	Poor farm gate price to vegetable growers due to middlemen	Assessment	Market led extension	Enterprise	-	-	50	Assessment of marketing approach of rabi	-	-		

Nayagarh	Kharif, 2016	Low yield (Avg. 700gm/bed) from local strain	Assessment	Income generation	mushroom	homestead	2 units	13	vegetables Assessment of yield potential of different strains of paddy straw mushroom (<i>V. volvacea</i>)	-	-		
Nayagarh	Rabi 2016	Post harvest loss	Assessment	Value addition	jackfruit	homestead	0.6 ha	13	Assessment of dehydrated products from jackfruit(tender)	-	-		
Nayagarh	Rabi 2016	Low income due to low productivity and high mortality of local deshi bird.	Assessment	Income generation	Denim red	homestead	3 no	13	Assessment of Rearing dual purpose poultry breed Denim Red.	-	-		
Nayagarh	Kharif 2016-17	Loss of grain due to store grain pest	Assessment	Income generation	rice		1 ha	13	Assessment of store grain pest management in rice.	-	-		

2.1a Recommendations of OFTs

Recommendations		
Title of OFT	For Farmers	For Deptt. Personnel

2.2 Economic Performance

KVK name	OFT Title	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		FP (T ₁)	RP (T ₂)	RP (T ₃)	FP (T ₁)	RP (T ₂)	RP (T ₃)	FP (T ₁)	RP(T ₂)	RP (T ₃)	FP (T ₁)	RP (T ₂)	RP (T ₃)

3. Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years (upto 2015-16)

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
KVK, Nayagarh	Rice	20	Green manuring in direct seeded kharif rice	Training, leaf lets, exposure visit, video show, news paper	21	230	209
KVK, Nayagarh	Rice	10	Varietal substitution in rice	Training, leaf lets, exposure visit, news paper	22	185	220
KVK, Nayagarh	Pea	11	Pyara cropping of field pea	Training, leaf lets, exposure visit, news paper	13	109	161
KVK, Nayagarh	Banana	10	Cultivation of Tissue cultured banana	Training, Farm Visit, Exposure visit, Film show	34	83	30
KVK, Nayagarh	Papaya	10	Cultivation of high yielding variety of papaya	Training, Farm Visit, Exposure visit, Film show	19	97	24
KVK, Nayagarh	Elephant Foot Yam	10	Introduction of improved EFY Var. Gajendra	Training, Farm Visit, Exposure visit, Film show	13	179	17
KVK, Nayagarh	Arrowroot	55	Crop substitution with arrowroot.	Training leaf lets, exposure visit,	35	184	68
KVK, Nayagarh	Turmeric	10	Introduction of improved Turmeric var. Suroma	Training, Farm Visit, Exposure visit, Film show	16	39	7
KVK, Nayagarh	Rice	20	Integrated pest management in rice	Training, leaf lets, exposure visit, video show, news paper	12	171	118
KVK,	sugarcane	20	Biological control of	Training, leaf lets, exposure	32	263	198

Nayagarh			sugarcane borers	visit, video show, news paper			
KVK, Nayagarh	Bee keeping	19	Bee keeping for rural youth	Training, leaf lets, exposure visit, video show, news paper	15	37	121 Units
KVK, Nayagarh	Brinjal	20	Integrated pest management in brinjal	Training, leaf lets, exposure visit, video show, news paper	17	159	99
KVK, Nayagarh	Tomato	20	Microbial control of tomato fruit and shoot borer	Training, leaf lets, exposure visit, video show, Kisan mela	12	72	38
KVK, Nayagarh	Fresh water prawn	55	Freshwater prawn culture	Trainings, exposure visit, field day, video show	19	58	37
KVK, Nayagarh	Ornamental fish	51	Ornamental fish culture	Trainings, exposure visit, video show, field day	8	49	18 Unit
KVK, Nayagarh	IMC	15	Pond based farming system	Trainings, exposure visit, kisan mela, video show	22	87	33
KVK, Nayagarh	Poultry	51	Backyard poultry rearing	Trainings, exposure visit, kisan mela, video show	35	97	67 units
KVK, Nayagarh	Maize	---	Use of maize sheller for drudgery reduction	Training, poster and leaflets	20	112	112 units
KVK, Nayagarh	Sunflower	--	Use of sunflower thresher for drudgery reduction	Training, poster and leaflets	12	74	35 units
KVK, Nayagarh	Mahua flower	51	Use of low cost solar dryer for drying mahua flowers	Training, poster and leaflets	10	10	10 units
KVK, Nayagarh	EFY	10	Introduction of Elephant Foot Yam var. Gajendra	Training, Farm Visit, Exposure visit, Film show	29	193	13
KVK, Nayagarh	Sugarcane	10	Varietal substitution by high sucrose content variety	Training, Group discussion, News paper coverage	7	31	10
KVK, Nayagarh	Bamboo	11	Growing of bamboo raised through culm cutting method	Training, Farm Visit, Exposure visit, Booklet	17	45	35
KVK, Nayagarh	Acacia mangium	11	Growing of <i>Acacia mangium</i>	Training, Group discussion, News paper coverage	8	63	6

3.2 Details of FLDs to be implemented during 2016-17

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep - No.	Name of Variety Entreprizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Nayagarh	IPM	Rice	Kharif 2016	Demonstration on IPM for BPH mgt. in rice	2.0 ha	Pratiksh ya	-	-	-	1	1	5	6	13

Nayagarh	IPM	Maize	Kharif 2016	Demonstration on IPM for borer management in maize	1.0ha	Nilesh	-	-	-	2	2	4	5	13
Nayagarh	IDM	Greengram	Rabi 2016-17	Performance of IDM for seed and seedling blight in green gram in rice-greengram cropping system	1.0ha	TARM-1	-	-	-	2	2	3	6	13
Nayagarh	Feed Fodders and	Hybrid Napier	Kharif 2016	Demonstration on Hybrid Napier fodder crop	1.0ha	CO-4	-	-	-	2	3	7	1	13
Nayagarh	ICM	Solanaceous vegetable crops	Kharif 2016-17	Demonstration of low cost poly-tunnel for seedling raising	13 units	Solanaceous vegetable crops	-	-	-	3	2	3	5	13
Nayagarh	ICM	Marigold	Kharif 2016-17	Demonstration on HYV of marigold, Ceracola	1.0 ha	Marigold	-	-	-	2	4	2	5	13
Nayagarh	Varietal evaluation	Brinjal	Rabi 2016-17	Performance of HYV of Brinjal, Arka neelanchala shyama	1.0 ha	Akra Neelanchala Shyama	-	-	-	2	3	2	4	13
Nayagarh	Integrate crop mgt.	Cashew	Rabi 2016-17	Control of nut drop in cashewnut in fruit based cropping system	1.0 ha	Cashew nut	-	-	-	2	2	3	6	13
Nayagarh	Production and management	Indian Major carp	Kharif 2016-17	Demonstration of production of stunted fingerlings/yearlings	0.5 ha	Indian Major carp	-	-	-	1	-	3	1	5
Nayagarh	Production and management	Indian Major carp	Kharif 2016-17	Demonstration of fry production in nursery pond	0.2 ha	Indian Major carp	-	-	-	-	1	4	-	5
Nayagarh	Production and management	Indian Major carp	Kharif, 2016-17	Demonstration of low cost locally available feed in pisciculture	2.0 ha	Indian Major carp	-	-	-	-	-	5	-	5

Nayagarh	Integrated fish farming	Khaki Campbell/white pekin	Rabi 2016-17	Demonstration of integration of duck in pisciculture	3 units	Khaki campbell /white pekin,	-	-	-	-	-	2	1	3
Nayagarh	Farm mechanization	sugarcane	Rabi,2016-17	Demonstration on Sugarcane Stripper	13 units	- Sugarca ne Stripper	-	-	-	3	1	5	4	13
Nayagarh	Value addition	Cashew Apple	Kharif,2016-17	Demonstration on Process technology for preparation of RTS from Cashew Apple	13 units	-Value Additio n	-	-	-	2	1	4	5	13
Nayagarh	Post harvest management	sugarcane	Rabi,2016-17	Demonstration on preparation of quality sugarcane Gur.	13 units	-Value Additio n	-	-	-	3	-	2	8	13
Nayagarh	Farm mechanization	groundnut	Rabi,2016-17	Popularization of bullock drawn groundnut digger.	2.0 Ha	groundn ut digger -	-	-	-	2	1	4	6	13
Nayagarh	Value addition	mushroom	Rabi 2016-17	Demonstration on value addition of oyster mushroom (S.caju)	5 units	S.caju	-	-	-	1	-	3	1	5
Nayagarh	Drudgery reduction	paddy	Rabi 2016-17	Demonstration on use of hopper type paddy winnower to reduce drudgery of farmwomen	3 units	paddy	-	-	-	-	1	4	-	5
Nayagarh	Pest management	Rice	Kharif, 2016-17	Demonstration on use of Pro supper bag for storage of rice	13 units	Rice	-	-	-	-	-	5	-	5

Nayagarh	Drudgery reduction	Sunflower	Rabi 2016-17	Demonstration on sunflower threshing bench	5 units	Sunflower	-	-	-	-	-	1	1	2
Nayagarh	AGF	Bamboo, Teak	Kharif 2015-16	Community plantation	1.0 ha	Teak, mangium	-	-	-	-	-	5	-	5
Nayagarh	AGF	Bamboo	Kharif 2015-16	Intercropping of black pepper in mango orchard	1.0 ha	Panniyur 1	-	-	-	2	3	2	6	13

3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check

3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Nayagarh	Marigold	Field days	1	50	Marigold
		Farmers Training	1	25	
		Media coverage	-	-	
		Training for extension functionaries			
Nayagarh	Cashew	Field days	1	50	Cashew
		Farmers Training	1	25	
		Media coverage	-	-	
		Training for extension functionaries			
Nayagarh	Brinjal	Field days	1	50	Brinjal
		Farmers Training	1	25	
		Media coverage	-	-	
		Training for extension functionaries			
Nayagarh	Hybrid Napier	Field days	1	50	Hybrid Napier
		Farmers Training	1	25	
		Media coverage	-	-	
		Training for extension functionaries			

Nayagarh	Rice	Field days	1	50	Rice
		Farmers Training	2	50	
		Media coverage	-	-	
		Training for extension functionaries	1	25	
Nayagarh	Sugarcane	Field days	1	50	Sugarcane
		Farmers Training	3	75	
		Media coverage	-	-	
		Training for extension functionaries	-	-	
Nayagarh	Maize	Field days	1	50	Maize
		Farmers Training	1	25	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Nayagarh	Greengram	Field days	1	50	Greengram
		Farmers Training	3	75	
		Media coverage	1	-	
		Training for extension functionaries	1	25	
Nayagarh	IMC	Field days	1	50	IMC
		Farmers Training	1	25	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Nayagarh	Duckery	Field days	1	50	Duckery
		Farmers Training	1	25	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Nayagarh	Azolla	Field days	2	100	Azolla
		Farmers Training	1	25	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Nayagarh	Live bearer	Field days	1	50	Livebearer
		Farmers Training	1	25	
		Media coverage	-	-	
		Training for extension functionaries	-	-	
Nayagarh	Mushroom	Field days	1	50	
		Farmers Training	1	25	
Nayagarh	A.Mangium	Training for extension functionaries	1	50	A.Mangium
Nayagarh		Media coverage	2	50	-

		Training for extension functionaries	-	-	-
Nayagarh	Sugarcane	Field days	1	50	sugarcane
		Farmers Training	1	25	

3.5 Details of FLD on crop hybrids.

Sr.No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
1	Nayagarh	Maize	Nilesh	Institute	13	1ha

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested

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Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total
Thematic Areas for Training	
CP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RY	Rural Youth
IS	Extension Personnel

TRAINING PROGRAMMES

Table 5.1: Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. Of participants to be involved
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Nayagarh	F/FW	Group discussion	11.04.2016 Patharachakada, Madhapur	50
Nayagarh	RY	Group discussion	18.05.2016 KVK campus	25
Nayagarh	F/FW	Group discussion	30.05.2016 Katarajhari	25
Nayagarh	IS	Group discussion	20.06.2016 KVK campus	25
Nayagarh	F/FW	Group discussion, field visit, survey	02.07.2016 Gunthuni, Chandi, Biridi, Malatipur	50
Nayagarh	RY	Group discussion	22.07.2016 Jogiapalli, Khanguri, Badahamara	25
Nayagarh	IS	Group discussion NGO workers, Krushak club members & SHG members	09.08.2016 Nuagaon, Jakola, Seranda	40
Nayagarh	F/FW	Group discussion, field visit, survey	26.08.2016 Beguniapatna, Manapur	25
Nayagarh	RY	Group discussion, field visit	08.09.2016 Janisahi, Dalaksahi, Digiri	25
Nayagarh	F/FW	Group discussion, field visit, Wastage of Rice bi oriducts	19.09.2016 Nuasgaon, lingiribari, Lunisara	25
Nayagarh	RY	Group discussion, field visit Proper utilization of planting material	28.09.2016 Natim, mahipur, Mardarajpur	20
Nayagarh	F/FW	Group discussion	07.10.2016 Basantapur, Mayurjhallia	25
Nayagarh	F/FW	Group discussion, field visit, local resources available	26.10.2016 Fategarh, Singapada	25
Nayagarh	F/FW	Group discussion, field visit	05.11.2016 Mardarajpur, anlamada, ladukesharpur	25
Nayagarh	F/FW	Group discussion, field visit	18.11.2016, Bajrakote, Rohisahi	25
Nayagarh	IS	Group discussion NGO workers, Krushak club members & SHG members	28.11.2016, KVK campus	25
Nayagarh	F/FW	Group discussion, field visit, survey	05.12.2016, Rohisahi, Malatipur, Gudupangi	25
Nayagarh	F/FW	Group discussion, field visit, survey	21.12.2016, Giridipalli, Singhapara, Khalisahi	50
Nayagarh	Vocational	Group discussion, local resources available	31.12.2016, KVK campus	20

Table 5.2. Details of Training programmes to be conducted by the KVKs.

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of	Participants			
								General	SC	ST	Others

							participants	M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Nayagarh	FW	OFC	CRP	Bio fertilizer application in rice	1	1	25	10	0	6	0	0	0	9	0
Nayagarh	FW	ONC	PLP	Integrated measures for insect pest and diseases in rice	1	2	25	11	0	6	0	0	0	8	0
Nayagarh	FW	ONC	PLP	Integrated disease mgt. in vegetable nursery	1	1	25	5	0	7	0	0	0	13	0
Nayagarh	FW	ONC	PLP	IPDM in Pulses	1	1	25	0	0	7	0	9	0	9	0
Nayagarh	FW	ONC	PLP	IPM for major sucking pests in oilseed crops	1	1	25	8	0	3	0	0	0	14	0
Nayagarh	FW	OFC	PLP	IPM for borer management in maize	1	1	25	5	0	4	0	6	0	10	0
Nayagarh	FW	OFC	PLP	Biological control of sugarcane borers	1	1	25	10	0	5	0	0	0	10	0
Nayagarh	FW	OFC	PLP	IPM for major insects in cole crops	1	1	25	7	0	4	1	0	0	13	0
Nayagarh	IS	ONC	PLP	Modern pest control methods in managing insect pests of crops	1	2	25	11	3	4	0	0	0	6	1
Nayagarh	FW	OFC	HOF	Planting techniques in mango	1	1	25	15	0	5	3	2	0	0	
Nayagarh	FW	OFC	HOF	Growth regulator application in mango	1	1	25	5	0	3	0	2	0	11	
Nayagarh	FW	OFC	HOV	Techniques of seedling raising in polytunnel	1	1	25	5	0	3	2	0	2	13	0
Nayagarh	FW	ONC	HOO	Production technology of kharif marigold	1	1	25	5	0	3	0	2	0	11	4
Nayagarh	IS	ONC	HOF	Rejuvenation of senile mango orchards	1	2	25	5	0	3	0	2	0	12	3
Nayagarh	FW	OFC	HOV	Cultural management of brinjal crops	1	1	25	12	3	5	0	3	2	0	0
Nayagarh	FW	ONC	HOF	Management of cashewnut orchards	1	1	25	5	5	2	2	5	5	1	0
Nayagarh	FW	ONC	HOF	Inter cropping in orchards	1	1	25	12	3	5	0	3	2	0	0

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14			
Nayagarh	FW	OFC	FIS	Pisciculture in community pond	1	1	25	3	0	2	0	0	0	20	0
Nayagarh	FW	OFC	FIS	Nursery pond management	1	1	25	3	0	2	0	0	0	20	0
Nayagarh	IS	ONC	FIS	Breeding techniques in IMC	1	2	25	2	1	1	0	0	0	18	3
Nayagarh	FW	ONC	FIS	Stunted fingerlings/ yearling production	1	2	25	3	0	2	0	2	0	18	0
Nayagarh	FW	ONC	FIS	Feeding and water quality management in fish pond	1	2	25	3	2	0	0	5	0	15	0
Nayagarh	FW	OFC	FIS	Composite fish culture	1	1	25	3	0	2	0	3	0	17	0
Nayagarh	FW	OFC	FIS	Duck integration in fish pond	1	1	25	0	5	0	10	0	5	0	5
Nayagarh	FW	OFC	LPM	Azolla production and its use as feed	1	1	25	3	0	1	0	2	0	14	5
Nayagarh	FW	OFC	LPM	Feeding and disease management of goatery farming	1	1	25	1	0	5	0	2	0	14	3
Nayagarh	FW	OFC	LPM	housing and vaccination for goatery and sheepery	1	1	25	2	0	4	0	4	0	12	3
Nayagarh	FW	ONC	AEG	Use of different farm impliments in farming system..	1	2	25	0	5	0	10	0	5	0	5
Nayagarh	FW	ONC	AEG	Use of plastics in vegetable cultivation	1	1	25	0	5	0	10	0	5	0	5
Nayagarh	FW	OFC	AEG	Use of self propelled rice transplanter.	1	1	25	2	5	0	0	0	3	9	6
Nayagarh	FW	OFC	AEG	Use of Zero Till Drill for line sowing of Green gram.	1	1	25	2	5	0	0	0	4	8	6

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14			
Nayagarh	FW	OFC	AEG	Process technology for preparation of RTS from Cashew Apple	1	1	25	3	4	0	0	0	4	8	6
Nayagarh	FW	OFC	AEG	Preparation of quality sugarcane Gur.	1	1	25	5	0	1	0	0	0	11	8
Nayagarh	IS	ONC	AEG	Mechanization in rice and pulses cultivation.	1	1	25	6	0	1	0	0	0	10	8
Nayagarh	FW	OFC	WOE	Cultivation of paddy straw mushroom (V. volvacea)	1	1	25	3	0	2	0	0	0	20	0
Nayagarh	FW	ONC	WOE	Preparation of different dehydrated products from jackfruit(tender)	1	2	25	3	0	2	0	0	0	20	0
Nayagarh	FW	OFC	WOE	Store grain pest management in rice.	1	1	25	2	1	1	0	0	0	18	3
Nayagarh	FW	OFC	WOE	Use of small tools for drudgery reduction of farm women.	1	1	25	0	3	0	2	0	0	0	20
Nayagarh	FW	OFC	WOE	Cultivation of oyster mushroom	1	1	25	3	0	5	0	0	0	17	0
Nayagarh	FW	ONC	WOE	Preparation of different value added products from mushroom.	1	2	25	2	0	0	0	5	0	10	8
Nayagarh	FW	OFC	WOE	Preparation of	1	1	25	0	5	0	10	0	5	0	5

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14			
				different Value added products from colocasia											
Nayagarh	IS	ONC	WOE	Entrepreneurship development .	1	1	-	-	-	-	-	-	-	-	-
Nayagarh	FW	ONC	CBD	Weed Mgt. in rice	1	1	25	0	0	5	0	0	0	20	0
Nayagarh	FW	OFC	CBD	Scientific management of Green gram cultivation technology	1	1	25	3	0	5	0	0	0	17	0
Nayagarh	IS	ONC	CBD	Management of Training Programme	1	1	25	4	0	3	0	0	0	18	0
Nayagarh	FW	OFC	CBD	Scientific management of Sesame cultivation technology	1	1	25	0	0	4	2	2	1	12	4
Nayagarh	FW	ONC	CBD	Scientific management of Mustard cultivation technology	1	2	25	3	0	5	0	0	0	17	0
Nayagarh	FW	OFC	CBD	Co-operative and contract farming	1	1	25	3	0	5	0	0	0	17	0
Nayagarh	FW	OFC	CBD	Group Management	1	1	25	4	0	3	0	0	0	18	0
Nayagarh	FW	ONC	AGF	Natural Resources Management	1	1	25	5	6	1	2	2	2	5	3
Nayagarh	FW	ONC	AGF	Medicinal plants ,their uses and cultivation	1	1	25	2	2	3	3	2	2	6	5
Nayagarh	FW	ONC	AGF	Importance of Rain Water harvesting	1	1	25	2	5	3	4	2	2	4	3
Nayagarh	FW	ONC	AGF	Environmental Pollution	1	1	25	2	5	3	4	2	2	4	3
Nayagarh	IS	ONC	AGF	Agro forestry models	1	1	25	5	6	1	2	2	2	5	3

Table 5.3. Details of Vocational training programmes for Rural Youth to be conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries					
					SC		ST		Others	
					M	F	M	F	M	F
Nayagarh	Production practices of fry, fingerlings, stunted fingerlings/yearlings	Fish seed production	Production and management	5	1	0	1	1	15	2
Nayagarh	Bee Keeping	Apiculture	Income Generation	5	2	0	2	0	16	0
Nayagarh	Techniques of quality planting material production in fruit crops	Mango, lime, guava	Income generation	5	4	2	2	2	5	5
Nayagarh	Value addition of Fruits & Vegetables	Value addition	Income generation	5	0	4	0	2	0	14
Nayagarh	Mushroom spawn production technology	Mushroom	Income generation	5	4	2	2	2	4	6
Nayagarh	Lac production technology and its management .	Lac	Income generation	5	2	3	3	2	7	3

Table 5.4. Details of training programme to be conducted for Livelihood Security in rural areas by the KVKs

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
Nayagarh	Mushroom spawn production technology	Mushroom units	48	57	20
Nayagarh	Bee Keeping	Apiary	45	85	28
Nayagarh	Quality planting material production of fruit crops	Nursery	7	14	17

Table 5.5. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		

Table 5.6 Training Programmes for Panchayatiraj Institutions Office-bearers & members :NA

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		

Table 5.7 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)	Change in Production (q/ha)	Change in Income (Rs)	Impact on	
						1. Area expanded (ha)	

			Before	After	Before	After	Before	After	2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income

EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
	Field Day	21	0	480	220	282	68	32	11	0	0	0
	Kisan Mela	2	0	112	48	33	7	4	2	0	0	0
	Kisan Ghosthi	2	0	27	3	8	2	0	0	0	0	0
	Exhibition	4	0	120	27	36	17	0	0	0	0	0
	Film Show	60	0	802	298	314	86	0	0	0	0	0
	Method Demonstrations	2	0	25	7	5	3	0	0	0	0	0
	Farmers Seminar	2	0	31	8	9	2	0	0	0	0	0
	Workshop	6	0	0	0	0	0	0	0	0	0	0
	Group meetings	4	0	61	14	18	7	0	0	0	0	0
	Lectures delivered as resource persons	15	0	86	18	17	5	0	0	0	0	0
	Newspaper coverage	10	0	0	0	0		0	0	0	0	0
	Radio talks	8	0	0	0	0		0	0	0	0	0
	TV talks	8	0	0	0	0		0	0	0	0	0
	Popular Articles	8	0	0	0	0		0	0	0	0	0
	Extension Literature	5	0	0	0	0		0	0	0	0	0
	Farm Advisory Services	80	0	0	0	0		0	0	0	0	0
	Scientific visit to farmers field	170	0	0	0	0		0	0	0	0	0
	Farmers Visit to KVK	500	0	0	0	0		0	0	0	0	0
	Diagnostic Visits	96	0	125	18	29	8	0	0	0	0	0
	Exposure Visits	2	0	16	0	4	0	0	0	0	0	0
	Ex-trainees Sammelan	4	0	147	16	32	5	0	0	0	0	0
	Soil Health Camp	2	0	74	11	12	3	0	0	0	0	0
	Animal Health Camp	2	0	85	7	6	2	0	0	0	0	0
	Agri Mobile Clinic	0	0		0	0	0	0	0	0	0	0

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
	Soil Test Campaigns	2	0	80	12	8	0	0	0	0	0	0
	Farm Science Club conveners meet	1	0	14	0	6	0	0	0	0	0	0
	Self Help Group conveners meetings	4	0	0	80	0	20	0	0	0	0	0

7. Production and supply of Technological products

7.1 SEED production

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type here SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Nayagarh	Sugar crops	Sugarcane	CO-OR-04-152 (Raghunath) and CO-OR-03-151(Sabita)		300qtl	qtl	62000/-	23
Nayagarh								

7.2 Planting Material production

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
	Forest tree species	Teak	Jan-Feb	-	-	Teak	Seedlings	1500	8000	12000	-
	Forest tree species	Mangium	Jan-Feb	-	-	Mangium	Seedlings	2000	7000	10000	-
	Forest tree species	Bamboo	May-June	-	-	Bamboo	Vegetative propagated materials	500	3500	5000	-
	Vegetable seedling	Tomato	Kharif & Rabi	-	-	Hybrids	Seedlings	35000	10000	35000	-
		Brinjal	Kharif & Rabi	-	-		Seedlings				-
		Onion	Rabi	-	-		Seedlings				-
		Cauliflower	Rabi	-	-		Seedlings				-
		Cabbage	Rabi	-	-		Seedlings				-
	Horticultural Plant	Drumstick	Kharif	-	-	PKM 2	Saplings	250	900	2500	-

		Papaya	Kharif	-	-	Ranchi dwarf, Red lady	Saplings	300	2000	3000	-
		Mango	Kharif	-	-	Dasheri, Subarnrekha, Mallika	Saplings	500	7500	15000	-
	Vermicompost		Round the year	-	-	E.foetida		2MT	10000	16000	-
	Ornamental flowers	Marigold	Kharif	-	-	Ceracola	Seedlings	1000	400	1000	-
	Mushroom cultivation	Mushroom	March-Feb	-		P.sajorcaju V.volvacea	-	4000	6000	-	
	Mushroom spawn	Mushroom	Round the year	-			Mushroom spawn	2400	22800	28800	-
	Apiary	Honeybee	Rabi	-		Apis cerana indica	Honey	25kg	3000	7500	

7.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
	BIOAGENTS				
	BIOFERTILIZERS (Vermi-compost)	2MT	10000	16000	Increases WHC, Porosity and organic carbon content of the soil
	BIO PESTICIDES (Vermiwash)				

7.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
	Cattle						
	Buffalo						
	Sheep and Goat						
	Poultry	Vanaraja	21 days chicks	3000	115000	150000	Fast growing/ High egg production, backyard poultry
	Fisheries	Fry fingerlings, Ornamental fish	Fish seed, Live bearer	40000	28000	40000	
	Others (Specify)						

8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Not yet established,

Year of establishment : -

8.1 Details of soil & water samples analyzed so far :

KVK Name	Type	No. of Samples	No. of Farmers	No. of Villages	Amount released	Resources to be generated
	Soil Sample					
	Water Sample					

9. Rainwater Harvesting, if available: NA

Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/Ry/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries	Major recommendations
Nayagarh	70	5000	215 INM, IWM, IPM, Introduction of new varieties/ breeds

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
	Kharif SAC June, 2016	22	
	Rabi SAC January, 2017	22	

12. Literature to be Last Developed/Published (with full title, author & reference)

2.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Nayagarh	April-June	Quarterly	500	500
Nayagarh	July-Sept	Quarterly	500	500
Nayagarh	Oct- December	Quarterly	500	500
Nayagarh	January- March	Quarterly	500	500

12.2 Details of Electronic Media to be Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Nayagarh	CD	IPM in tomato	100
Nayagarh	CD	Mushroom spawn production technology	50
Nayagarh	CD	SSI in sugarcane	60

12.3 PUBLICATIONS

Category	Number	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
		Type	Title	Author's name	Number of copies
Research Paper	1				
Technical bulletins	5	-	-	A.Panda T. Khandaitaray, , T. Badjena, , S sahu, S.Dwivedy, B.Rout	198
Technical reports	-	-	-	-	-
Popular article	8		Annually	A.Panda.S.Sahu,T.K.Ray, S.Dwivedy	198
Newspaper coverage	85			T.badjena	85261
Year Planner	1	1 st April, 2016	Annually	A.Panda	100

13. Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
	ATMA					
	MNREGA					
	NHM					
	RKVY					
	DRDA					
	Zila Panchyat					
	Seed Village					
	NAIP					
	Climate Change					
	Others (Plz. Specify)					

14. Utilization of Farmers Hostel.

Accommodation available (No. of beds): 25

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Nayagarh	April	2015-16	Organic farming system	2 days	25	2	
Nayagarh	November	2015-16	Increasing production and productivity of oilseed and pulses courses	5 days	20	5	
Nayagarh	Sept- Oct	2015-16	Fish production and its management	30 days	30	30	
Nayagarh	March	2015-16	Scientific cashew cultivation	3 days	50	3	

15. Utilization of Staff Quarters. NA

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any

16. Details of KVK Agro-technological Park

a) Have you prepared layout plan, where sent?

Sr .No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent?(ZPD/DES/any other,pl. sp.)
1	KVK, Nayagarh	Yes	ZPD/DES

b) Details about Technology Park:NA

Name of KVK	Name of Component of Park	Detail Information (If established)
	Crop Cafeteria	
	Technology Desk	
	Visitors Gallery	
	Technology Exhibition	
	Technology Gate-Valve	

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Crop diversification	1

17. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of kvk	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Nayagarh	Mr. Ullash Sahoo	Income generation	Kalikaprasad Ph. No-9938272844
2	Nayagarh	Mr. Bipra ch. Biswal	SSIE (Motor bed winnower)	Janisahi Ph.No-9658737278
3	Nayagarh	Mr. Pabitra barad	Manual operated weeder	Hariharpur (M)
4	Nayagarh	Mr. Pabitra Khuntia	Low Cost Produce Lifter	Golasahi (M) 9937224235

18. KVK interaction with progressive farmers- each KVK had already sent a list of 100 progressive farmers to the ZPD, Zone VII, Jabalpur.

Sr.	Date and month of interaction programme with	No. of progressive farmers
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No.	progressive farmers	to be participated
1	Oct, 2016	100
2	Feb, 2017	100

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Nayagarh	8	8	65	316

Intensive- OFTS, FLDS etc.

Extensive- Literatures, Publications, Awareness programmes etc.

20. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.:NA

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt

21. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	KVK, Ganjam-1	Man power, Technology, Inputs	Vermi rearing & Hatchery
2	KVK, Kandhamal	Man power, Technology, Inputs	Production technology of local turmeric variety

22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Nayagarh			
Nayagarh			
Nayagarh			

23. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors

1	Nayagarh	December, 2013	Blocked	-
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24. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals

25. E-CONNECTIVITY (ERNET Lab): NA

Name of KVK	Number and Date of Lecture delivered from KVK Hub				No of lectors organized by KVK	Brief achievements	Remarks
	Date	No of Staff attended	No of call received from Hub	No of Call mate to Hub by KVK			

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Nayagarh	Gosthies	2	50	
Nayagarh	Lectures organized	5	250	
Nayagarh	Exhibition	1	100	
Nayagarh	Film show	8	350	
Nayagarh	Fair			
Nayagarh	Farm Visit			
Nayagarh	Diagnostic Practical's			
Nayagarh	Distribution of Literature (No.)	7	350	
Nayagarh	Distribution of Seed (q)			
Nayagarh	Distribution of Planting materials (No.)	1	50	
Nayagarh	Bio Product distribution (Kg)			
Nayagarh	Bio Fertilizers (q)	1	50	
Nayagarh	Distribution of fingerlings (No)	1	50	
Nayagarh	Distribution of Livestock specimen (No.)	1	50	
Nayagarh	Total number of farmers visited the technology week	27	1300	

27. INTERVENTIONS ON DROUGHT MITIGATION: NA

Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries

Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
		Oilseeds		
		Pulses		
		Cereals		
		Vegetable crops		
		Tuber crops		
		Fruits		
		Spices		
		Cotton		
		Total		

Farmers-scientists interaction on livestock management

Sl. No.	Name of KVK	Livestock components	Number of interactions	No. of participants
		Dairy Management		
		Disease management		
		Feed and fodder technology		
		Poultry management		

Animal health camps to be organized

Name of KVK	Number of camps	No. of animals	No. of farmers

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers

Seedlings and Saplings to be distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers

Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers

Vermes Produced

Name of KVK	Vermes Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and of resource conservation technologies introduced	Area (ha)	Number of farmers

Awareness Campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of	No.	No. of	No.	No. of	No.	No. of	No.	No. of	No.	No. of

		farmers		farmers		farmers		farmers		farmers		farmers

28. Proposal of NICRA: NA

1. Technologies to be Demonstrated

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted

2. Proposed Extension Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

3. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	Farmers	Farm Women	Official	Total

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status

5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status

6. Public Representative/District Administration Visited in NICRA Village

Name of Representative/Officer	Designation	Date of Visit

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30. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Nayagarh	33991533548	2, 79,118	3, 50.140	3, 50.140

31. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Nayagarh	5	Farmer	OUAT,BBSR KVK, Nayagarh	

32. Case study / Success Story to be developed –

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	Nayagarh	01	01

Module-I

- Name of Block-Gania
- Cultivated area-8036Ha
- Upland-3091ha
- Medium land-3268ha
- Low land-1677ha
- Irrigated area-2422ha
- Rainfall-1414.2(117.8avg.)
- Cropping pattern-Rice ,Rice-green gram
- Soil type-Mixed Red and Laterite, Acidic
- Problem-Low yield from sole crop of Rice (1.2t/ha), High YMV incidence in local green gram.
- Target GP- Gania

Module	Land type	Existing farming system		Problem	Suggested system	Intervention	Intervention	Intervention
		Kharif	Rabi			1 st yr	2 nd yr	3rd yr
Module-I (Rainfed Ecosystem)	Upland	Paddy (broadcasting) var-Khandagiri	-	Low yield from sole crop (1.2t/ha)	Intercropping with Rice(New var.) with management	Seed treatment of paddy with Thiram @ 3g/kg and arhar with vitavax Power @ 2g/kg of seed, Intercropping of Arhar with Rice Var. Shahabhagi dhan (2:5) , Direct Sowing by seed cum fertilizer drill,	Soil test based fertilizer application, Integrated pest and disease mgt. for stem borer and blast. weed management and seed treatment in paddy(Trg.), Integrated pest mgt. for pod borer in arhar (Trg. And inputs)	INM in Paddy , crop intensification of paddy with arhar (Trg.), Follow up action.

						Pre-emergence spray of pretilachlor @ 0.5Kg a.i./ha followed by post-emergence spray of Bispyribac sodium @ 25gm. a.i./ha		
	Medium land	Paddy (var. Lalata) (broadcasting) 27q/ha	Green gram (Local) 3.1q/ha	Low yield from paddy, High YMV incidence in local green gram.	Paddy-Green gram with new variety	Paddy (var. Tejaswini), Seed treatment of paddy with Thiram @ 3g/kg and greengram with vitavax Power @ 2g/kg of seed, Line sowing of paddy by Drum Seeder and green gram by Zero seed drill	Soil test based fertilizer application, Integrated pest and disease mgt. for BPH and sheath blight in paddy and root rot, YMV ,powdery mildew and aphid in green gram (Trg & inputs) .	Continue the system, Use of farm implements (Trg), Safe storage of pulses and paddy (pro super bags and TNAU trap) (Trg. and input)
	homestead	Goatery /Sheepery		Mortality of kids. Poor body growth		Deworming of kids (animal health camp), mineral mixture use and disease management with the help of ARD, Gania	Shed and Nutrition mgt (Trg by ARD), Vaccination on PPR, Management of ecto & endo parasites (Trg.)	Commercial goat /sheep unit & Regular monitoring by scientists with dept. officials
		Poultry		Traditional breeds, low egg lying and poor body growth		Breed replacement with Pallishree for backyard (Training & Input)	Vaccination and feed management (Trg)	Brooding of chicks and Commercialization
		Mushroom		Less income from paddy straw		Mushroom cultivation in small scale (Training & Input)	Entrepreneurship development, commercialization	Paddy straw mushroom throughout the year
%age growth of income						18	24	38
EG (MDs)						395	434	477

Module-II

- Name of Block-Khandapada
- Cultivated area-13365Ha
- Upland-5080ha
- Medium land-5295Ha
- Low land-2990Ha

- Irrigated area-11282Ha
- Rainfall-1331.9 (111 avg.)
- Cropping pattern-Rice-Green gram
- Problem- Low yield in paddy due to severe sheath blight incidence, and high YMV incidence in Nayagarh Local Green gram variety.
- Target GP-Gunthuni

Module	Land type	Existing farming system		Problem	Suggested system	Intervention	Intervention	Intervention
		Kharif	Rabi			1 st yr	2 nd yr	3rd yr
Module-II (Rainfed ecosystem)	Medium land	Paddy (var. Swarna) severe pest and disease incidence	Green gram (Nayagarh local)	Low yield in paddy due to severe sheath blight incidence, and high YMV incidence in Nayagarh Local	Rice-green gram(Improved var.)	Line sowing behind the plough, sheath blight management in paddy, Varietal replacement with Green gram var. IPM-02-14, Seed treatment with Rhizobium @ 200g and	Soil test based fertilizer application, Integrated pest and disease mgt. for BPH and sheath blight in paddy, root rot, YMV and aphid mgt. in greengram (Trg & inputs)	Regular visit and monitoring the system

				Green gram variety.		Sod. molybdate@3g/10Kg of seed., Use of zero seed cum fertilizer drill in rabi pulses, KMA	Safe storage of green gram using pro super bags, use of reaper, thresher like cost reducing implements	
	Shallow Low land	Paddy (pooja)	Green gram	Low yield from green gram due to delayed sowing. Disease and pest incidence in Paddy.	Rice-black gram	Paira black gram (PU-31), Seed treatment of paddy with Thiram @ 3g/kg and blackgram with vitavax Power @ 2g/kg of seed, , priming, Line sowing of paddy by pre germinated Drum Seeder	Soil test based fertilizer application, Integrated pest and disease mgt. for leaf folder, BPH and sheath blight in paddy (Trg & inputs) , Package and practices of paira black gram.(Trg.).	Regular visit and monitoring, safe storage of greengram and paddy by using pro super bag and TNAU trap
	Homestead	Dairy		Low productivity of milk		Providing Fodder planting materials, AI, shed management with help of ARD, Khandapara	Use of Mineral mixture for higher productivity (Trg)	Value addition of milk for commercial purposes
		Poultry		Traditional breeds, low egg lying and poor body growth		Breed replacement with Palishree for backyard (Training & FLD)	Vaccination and feed management (Trg)	Brooding of chicks (FLD) and trg to SHG
		Mushroom		Less income from paddy straw		Mushroom cultivation in small scale (Training & FLD)	Paddy straw mushroom throughout the year (OFT)	entrepreneurship devt. (Trg)
%age growth of income						22	41	68
EG (MDs)						410	451	495

Module-III

- Name of Block-Ranapur
- Cultivated area-20,175Ha
- Upland-6213 Ha
- Medium land-7907 Ha
- Low land-6055 Ha

- Irrigated area-9496 Ha
- Rainfall-1521.3mm(126.7 mm avg.)
- Cropping pattern-Rice-vegetable
- Problem-Low income from kharif paddy and traditional vegetable.
- Target GP-Darpanarayanpur

Module	Land type	Existing farming system		Problem	Suggested system	Intervention		
						1 st yr	2 nd yr	3rd yr
Module III (Irrigated land)	Upland	Paddy	Vegetable (Brinjal)	Low income from kharif paddy (1.8t/ha)	Vegetable-Vegetable	Off season vegetable during Kharif, (Tomato Var. Arka Rakshyak, Swarna Sampad), raising nursery under poly-tunnel (100 micron), Staking, Broad bed and furrow method, Paired row method of planting, Rabi-Vegetable (Brinjal)	Soil test based fertilizer application, wilt, fruit borer and serpentine leaf miner mgt. in tomato	Training on micronutrient application in tomato
	Medium land	Paddy (var.	Vegetable (Brinjal)	pest problem, low yield(2.5t/ha), low	Paddy-Vegetable	Green manuring with dhanicha followed by soil incorporation before	Soil test based fertilizer application,	Monitoring and regular

		MTU-1001)		return in vegetables.		45 days of sowing, Seed treatment of paddy with Thiram @ 3g/kg, transplanting following SRI method, HYV of onion var. Bhima Shakti, Nursery raising.	Integrated pest and disease mgt. for BPH and sheath blight in paddy, Sulphur application in onion @ 30Kg/Ha,). Production technology of Rabi onion (Trg.)	supervision, Low cost onion storage structures(Bamboo
	Homestead	Goatery /Sheepery		mortality of kids. Poor body growth		Deworming of kids (animal health camp) and disease management with the help of ARD	Shed and Nutrition mgt & commercial goat unit.(Trg by ARD)	Regular monitoring by scientist with dept. officials
		Poultry		Traditional breeds, low egg lying and poor body growth		Breed replacement with Pallishree for backyard (Training & FLD)	Vaccination and feed management (Trg)	Brooding of chicks (FLD) and trg to SHG
		Mushroom		Less income from paddy straw		Mushroom cultivation in small scale (Training & FLD)	Paddy straw mushroom throughout the year	entrepreneurship development. (Trg)
		Fishery		Low fish production from existing pond		Pre stocking pond management ,eradication of aquatic weed, predatory and weed fishes, aquatic insect, basal lime application and manuring , stocking 5,000yearling/ ha(CRM 3:4:3) with water quality mgt	Feed mgt , disease mgt and yearling production	entrepreneurship development. (Trg)
%age growth of income						26	47	76
EG (MD)						490	540	595

University station trials

Sl No	Name of Crop	Variety	Area (m ²)
1	Paddy	OR23-80.2 OR23-27.23	280

		Asuthosh OR-21-72-7 Govinda Hasant OR- 25-42.12	
3	Ridge guard	BRG 31	40
RKVY consortium Project on “Collection screening purification and improvement of green gram and black gram land races of Odisha”			
4	Green gram	Local	-
5	Black gram	Local	-

ICAR Station Trials

Sl No	Name of Crop	Variety	Area (m²)
1	Bajara	Mandore 1,2 & 3	160