

ACTION PLAN

(April 2015 to March 2016)

KVK, Nayagarh

OUAT, Bhubaneswar

ODISHA

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PERIOD – April, 2015 to March, 2016

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	201			
	FLDs – Oilseeds (activity in ha)	5	15			
	FLDs – Pulses (activity in ha)	5	15			
	FLDs – NFSM Pulses (activity in ha)	-	-			
	FLDs – Other than Oilseed and pulse crops(activity in ha)	30.8	165			
	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	58 units	45			
	Training-Farmers and farm women	56	1400			
	Training-Rural youths	13	260			
	Training- Extension functionaries	8	200			
	Extension Activities	1018	4126			
	Seed Production (Number of activity as seeds in quintal)	17.4q	302			
	Planting material ((Number of activity as quantity of planting material in quintal)	-	-			
	Seedling Production (Number of activity as number of seedlings in numbers)	48000	400			
	Sapling Production (Number of activity as number of sapling in numbers)	9750	100			
	Other Bio- products (No. of quantity) (2MT)	2MT	450			
	Live stock products (Vanaraja, Fry Fingerlings)	43000	53			
	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	6	150			
	Utilization of Farmers Hostel	10	250			
	Utilization of Staff Quarters	-	-			
	Details of KVK Agro-technological Park	-	-			
	Crop Cafeteria-	-	-			
	Farm Innovators- list of 10 farm innovators from the District	-	10			

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	
	Status of Revolving Funds	-	-			
	Awards and Recognitions	3	3			
	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 block	371 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	8	650			
	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 30.04.15)

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specialization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
Nayagarh	Programme Coordinator	Dr (Mrs)Shelly Dash	Programme Coordinator	M.A	Home Sc.	37400-67000	49830	17.07.09	Temporary	Other
Nayagarh	Subject Matter Specialist1	Dr.Swagatika Sahu	SMS (Fisheries)	M.F.Sc	Fisheries	15600-39100	17610	9.11.12	Temporary	Other
Nayagarh	Subject Matter Specialist2	Mr. Arjuna Mohan Prusti	SMS (Plant Breeding)	M. Sc (Ag)	Plant Breeding	15600-39100	19810	01.09.08	Temporary	Other
Nayagarh	Subject Matter Specialist3	Mr. Trinath Khandaitaray	SMS (Plant Protection)	M. Sc (Ag)	Entomology	15600-39100	20590	18.07.09	Temporary	Other
Nayagarh	Subject Matter Specialist4	Mr. Tribijayi Badjena	SMS (Agril. Extension)	M.Sc (Ag)	Agril. Extension	15600-39100	17610	07.04.10	Temporary	Other
Nayagarh	Subject Matter Specialist5	Mr.Amitabh Panda	SMS, Horticulture	M.Sc (Ag.)	Horticulture	15600-39100	21390	04.04.11	Temporary	Other
Nayagarh	Subject Matter Specialist6	Mrs. J.Udgata	SMS, H.Sc	M.Sc (Home Science)	Home Sc	15600-39100	22220		Temporary	Other
Nayagarh	Programme Assistant	Mr. Bikram Keshari Parimanik	Pro. Asst. (Forestry)	B.Sc	Forestry	9300-34800	12930	16.10.06	Temporary	Other
Nayagarh	Farm Manager	Soumya Kanta Pattnaik	Farm Manager	M.Sc	Horticulture	9300-34800	12930		Temporary	Other
Nayagarh	Computer Programmer	Mrs. Rosalin Praharaaj	Pro. Asst. (Computer)	B.Sc (PGDCA,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 Pradhan	Peon/Watchman	ME	-	4440-7440	5580		Temporary	Other
Nayagarh	Supporting staff	Mr. Gunanidhi Bauta	Peon/Watchman	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 the reporting period (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
KVK Nayagarh	Varietal evaluation
KVK Nayagarh	Integrated pest & disease management
KVK Nayagarh	Composite fish culture, Integrated fish farming, Stunted fingerlings & yearlings Production, Self employment through ornamental fish rearing, Fish health management
KVK Nayagarh	Integrated weed management
KVK Nayagarh	Integrated nutrient management
KVK Nayagarh	Drudgery reduction of farm women
KVK Nayagarh	Increasing production and productivity of oilseed and pulse crops
KVK Nayagarh	Commercial cultivation of fruits and vegetables
KVK Nayagarh	Post-harvest management and value addition
KVK Nayagarh	Popularization of mushroom cultivation, beekeeping, vermicomposting and backyard poultry
KVK, Nayagarh	Crop diversification
KVK, Nayagarh	Farm mechanization

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
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 Situations	Target	No. of trials	Title of OFT	Results (with parameter)				Net Returns (Rs./ha)			
										FP T1	RP T2	RP T3	RP T4	T1	T2	T3	T4
Nayagarh	Kharif 2015	Yield (33.26q/ha) plateau in favourable shallow low land rice (25000 ha), non exploitation of standard heterosis (10 q/ha) in rice	Assessment	Varietal evaluation	Rice	shallow low	0.5ha	05	Assessment of rice hybrids for shallow low land								
Nayagarh	Kharif 2015	Low production from traditional system, Non-compatibility crop sequence, Poor soil and fertilizer management	Assessment	ICM	Rice, maize, ladies finger, cowpea, tomato	Rainfed	0.5ha	05	Assessment of intensified cropping system								
Nayagarh	Kharif 2015	Low yield and income from rainfed upland rice. Fallor of rice crop due to terminal drought	Assessment	Crop diversification	Arhar	Rainfed upland	0.7ha	07	Assessment of short duration arhar varieties with ICM under rainfed upland								
Nayagarh	Rabi 2015-16	Less yield (71.9 t/ha) due to low micronutrient (Sulphur) content in soil (< 10 ppm S)	Assessment	Nutrient management	Sugarcane	Irrigated medium	0.7ha	07	Assessment of micronutrient (sulphur) application in sugarcane var. Raghunath								
Nayagarh	Kharif 2015	Low yield in rice due to heavy incidence of rice sheath blight	Assessment	IDM	Rice	Rainfed Medium	0.5ha	07	Assessment of IDM for Sheath blight management in Rice								

Nayagarh	Kharif 2015	Less yield (173q/ha) and less marketability due to phomopsis blight in brinjal. Area affected 35%, disease incidence 28%	Assessment	IDM	Brinjal	Irrigated upland	0.5ha	07	Assessment of integrated management for Phomopsis blight in brinjal									
Nayagarh	Rabi 2015-16	Severe leaf curl incidence at the initial stages of crop growth reduced yield by 22%, area affected 250ha	Assessment	IPM	Chilli	Irrigated medium	0.5 ha	07	Assessment of IPM for thrips in chilli									
Nayagarh	Rabi 2015-16	Diamond back moth infestations in cabbage, yield reduction 29%, area affected 345ha	Assessment	IPM	Cabbage	Irrigated medium	0.5 ha	07	Assessment of integrated management for diamond back moth in cabbage									
Nayagarh	Kharif 2015	Less no. of fruits /plant, Low yield (1kg per plant per season), 50% area affected.	Assessment	Varietal evaluation	Ivy gourd	Irrigated upland	0.5 ha	07	Assessment of INM in spine gourd under upland condition									
Nayagarh	Kharif 2015	Low production from local variety (40% area affected, 378 Ha, Y-21.45MT/Ha) Non uniform maturity High incidence of disease in sucker raised cultivar	Assessment	Varietal evaluation	Banana	Irrigated Upland	0.5 ha	05	Assessment of tissue cultured banana under upland condition									
Nayagarh	Rabi 2015-16	High incidence of bolters, double bulbs and neck rot, low yield from local cultivar (A-	Assessment	Varietal evaluation	Onion	Irrigated upland	0.3 ha	07	Assessment of onion var. Bhima Shakti in rice onion cropping	-	-			-	-			

		232Ha,P-2756MT,Y-11.88T/Ha),23% area affected.							system								
Nayagarh	Rabi 2015-16	Lees no of fruits/plant low yield (15qtl/ha) high incidence of powdery mildew	Assessment	Varietal evaluation	Capsicum	Irrigated upland	0.3 ha	07	Assessment of capsicum varieties in a rice vegetable cropping system	-	-			-	-		
Nayagarh	Kharif 2015	Low yield per bed	Assessment	Varietal evaluation	Paddy straw mushroom	Home stead	7 units (25 beds in each unit)	07	Assessment of yield potential of different strains of paddy straw mushroom(V. volvacea								
Nayagarh	Kharif 2015	Low income due to store grain pest attack in irce	Assessment	Store grain pest management	Rice	Home stead	7 units	07	Assessment of storage practices for store grain pest management in rice								
Nayagarh	Rabi 2015-16	Low income due to poor sanitation, less output and discoloration of banana slices in open sun drying	Assessment	Value addition	Banana	Home stead	2units	1 SHG (10)	Assessment of solar dryers in drying banana slices	-	-			-	-		
Nayagarh	Rabi 2015-16	Multiple economic use of paddy straw and its less availability	Assessment	Income generation	Oyster mushroom	Home stead	7 units (25 beds in each unit s)	07	Assessment of different substrates in oyster mushroom cultivation								
Nayagarh	Kharif, 2015-16	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	Assessment	Varietal evaluation	IMC	Clay loam rainfed	1 ha	3	Assessment of the performance of new species in carp polyculture system	-	-			-	-		

		with the problem															
Nayagarh	Kharif, 2015-16	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 2015-16	Application of RCD during winter harbours more pathogens into water and increases susceptibility to fish disease outbreak	Assessment	Production and management	IMC	Pond based	1 ha	3	Assessment of of liquid organic manure (Humic acid) as a substitute for RCD during winter	-	-			-			
Nayagarh	Rabi 2015-16	Improper nutritional diet cause less milk yield	Assessment	Nutrition management	Cross bred cow	Open yard	5 unit	5	Assessment of performance of Azolla as cattle feed	-	-			-			
Nayagarh	Kharif 2015	Delayed and lack of visual based technical information dissemination	Assessment	ICT	Enterprises	-		50	Assessment of effectiveness of KMA in SRI Method of Paddy Cultivation	-	-			-			
Nayagarh	Rabi 2015-16	Poor farm gate price to vegetable growers due to middlemen	Assessment	Marketed extension	Enterprise	-		50	Assessment of marketing approach of rabi vegetables	-	-			-			

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)	RP T ₄	FP (T ₁)	RP (T ₂)	RP (T ₃)	T ₄	FP (T ₁)	RP(T ₂)	RP (T ₃)	RP T ₄	FP (T ₁)	RP (T ₂)	RP (T ₃)	RP T ₄

3. Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years (upto 2014-15)

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, Nayagarh	sugarcane	20	Biological control of sugarcane borers	Training, leaf lets, exposure visit, video show, news paper	32	263	198
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 2015-16

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety/ Enterprises	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Nayagarh	Weed management	Rice	Kharif 2015	Demonstration of herbicide Azimsulfuron application for mgt. of weeds in rice	2ha	MTU 1001	-	-	-			10		10
Nayagarh	Varietal evaluation	Maize	Kharif 2015	Demonstration of sweet corn var Madhuri	2ha	Sweet corn var Madhuri	-	-	-			10		10
Nayagarh	Production of fodders	Hybrid napier,, cowpea, oat	Fodder cultivation	Round the year fodder cultivation	1 ha	(Hybrid Napier Var. Co-4) (Cowpea var. UPC 52-86) (Ricebean Var. Bidhan-1), (Oat Var Kent/ JHO 851)						05		05
Nayagarh	ICM	Sugarcane	Rabi 2015-16	Demonstration of Sustainable Sugarcane Initiative (SSI) method of sugarcane cultivation	2ha	Raghunath (CO-OR-04-152)	-	-	-			10		10
Nayagarh	IPM	Rice	Kharif 2015	Demonstration on IPM for BPH mgt. in rice	2 ha	Pratikshya	-	-	-	1	1	6	2	10
Nayagarh	IPM	Maize	Kharif 2015	Demonstration on IPM for borer management in maize	1ha	Nilesh	-	-	-	2	2	4	2	10
Nayagarh	IDM	Greengram	Rabi 2015-16	Performance of IDM for seed and seedling blight in green gram in rice-greengram cropping system	1ha	TARM-1	-	-	-	2	4	1	3	10
Nayagarh	IDM	Groundnut	Rabi 2015-16	Performance of IDM for collar rot in groundnut	1ha	Devi	-	-	-	2	4	1	3	10
Nayagarh	ICM	Solanaceous vegetable crops	Kharif 2015-16	Demonstration of low cost polytunnel for seedling raising	10 units	Solanaceous vegetable crops	-	-	-	-	2	3	5	10

Nayagarh	Varietal evaluation	Marigold	Kharif 2015-16	Performance of African Marigold var. CERACOLA	0.8 ha	CERACOLA	-	-	-	2	1	2	5	10
Nayagarh	Varietal evaluation	Brinjal	Rabi 2015-16	Performance of HYV of Brinjal, ARKA NEELANCHALA SHYAMA	0.8ha	Akra Neelanchala Shyama	-	-	-	2	2	2	4	10
Nayagarh	Integrate crop mgt.	Cashew	Rabi 2015-16	Control of nut drop in cashewnut in fruit based cropping system	0.8 ha	Cashewnut	-	-	-	1	1	2	6	10
Nayagarh	Drudgery reduction	Paddy	Kharif 15	Demonstration of hopper type winnower for drudgery reduction of farmwomen	1 unit	Hopper type winnower (CRRRI make)	-	-	-	1	1	4	4	10
Nayagarh	Income generation	Poultry	Kharif 15	Demonstration on dual purpose back yard poultry	10 units	Vanaraja	-	-	-	5	3	1	1	10
Nayagarh	Drudgery reduction	sunflower	Rabi 2015-16	Demonstration on use of sunflower thresher	5units	sunflower thresher	-	-	-	-	1	1	3	5
Nayagarh	Value addition	Oyster mushroom	Rabi 2015-16	Demonstration on preparation of dehydrated products from oyster mushroom	10	Oyster mushroom	-	-	-	1	1	4	4	10
Nayagarh	Production and management	Indian Major carp	Kharif 2015-16	Demonstration of production of stunted fingerlings/ yearlings	1 ha	Indian Major carp	-	-	-	1	-	3	1	5
Nayagarh	Production and management	Indian Major carp	Kharif 2015-16	Demonstration of fry production in nursery pond	0.4 ha	Indian Major carp	-	-	-	-	1	4	-	5
Nayagarh	Production and management	Indian Major carp	Kharif, 2015-16	Demonstration of low cost locally available feed in pisciculture	2 ha	Indian Major carp	-	-	-	-	-	5	-	5

Nayagarh	Integrated fish farming	IMC, Khaki campbell /white pekin, vanaraja, MTU1001, indian honey bee, bantala, red lady, ceracola, oyster mushroom	Rabi 2015-16	Demonstration of pond based integrated farming	2 unit	IMC, Khaki campbell /white pekin, vanaraja, MTU1001, indian honey bee, bantala, red lady, ceracola, oyster mushroom	-	-	-	-	-	1	1	2
Nayagarh	ICM	LGG 460	Rabi 2015-16	Demonstration on greengram var LGG 460 with ICM	5ha	LGG 460	-	-	-	3	-	12	-	15
Nayagarh	ICM	Jwalamukhi	Rabi 2015-16	Demonstration on sunflower var. Jwalamukhi with ICM	5ha	Jwalamukhi	-	-	-	3	-	12	-	15
Nayagarh	AGF	Bamboo, Teak	Kharif 2015-16	Community plantation	2 ha	Teak, Bamboo	-	-	-	-	-	5	-	5
Nayagarh	AGF	Bamboo	Kharif 2015-16	Propagation of <i>Bambusa vulgaris</i> through culm cutting method	1 ha	Bamboo	-	-	-	2	-	2	6	10

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
Nayagarh													
Nayagarh													

3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Nayagarh	Rice	Field days	2	100	Rice
		Farmers Training	8	200	
		Media coverage	2	-	
		Training for extension functionaries	1	25	
Nayagarh	Sugarcane	Field days	1	50	Sugarcane
		Farmers Training	3	75	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Nayagarh	Maize	Field days	3	150	Maize
		Farmers Training	3	75	

		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	Cauliflower	Field days	1	50	Cabbage
		Farmers Training	1	25	
		Media coverage	2	-	
		Training for extension functionaries	-	-	
Nayagarh	Brinjal	Field days	1	50	Brinjal
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Nayagarh	Marigold	Field days	1	50	Marigold
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Nayagarh	Mango	Field days	1	50	Mango
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
	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	1		
		Training for extension functionaries	-	-	
Nayagarh	TNAU insect	Field days	1	30	-
		Farmers Training	1	25	
		Media coverage	1		
		Field days	1	30	-
		Farmers Training	1	25	-

		Media coverage	1	30	-
Nayagarh	Back yard poultry	Field days	1	30	-
		Farmers Training	1	25	-
Nayagarh	Hopper type paddy winnower	Field days	1	30	-
		Farmers Training	1	25	-
Nayagarh	Tomato puree	Field days	1	30	-
		Farmers training	1	25	-
Nayagarh	A.Mangium	Training for extension functionaries	1	50	A.Mangium
		Media coverage	2	50	-
		Training for extension functionaries	-	-	-

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	Rice	CR Dhan 701	Institute	10	2ha
2	Nayagarh	Maize	Nilesh	Institute	10	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

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

5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only.
2. For category, training type and thematic area, use abbreviations only.

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
Nayagarh	F/FW	Group discussion	10.04.2015 Patharachakada, Madhapur	50
Nayagarh	RY	Group discussion	15.05.2015 KVK campus	25
Nayagarh	F/FW	Group discussion	30.05.2015 Fategarh	25
Nayagarh	IS	Group discussion	20.06.2015 KVK campus	25
Nayagarh	F/FW	Group discussion, field visit, survey	02.07.2015 Gunthuni, Chandi, Biridi, Malatipur	50
Nayagarh	RY	Group discussion	22.07.2015 Jogiapalli, Khanguri, Badahamara	25
Nayagarh	IS	Group discussion NGO workers, Krushak club members & SHG members	07.08.2015 Nuagaon, Jakola, Seranda	40
Nayagarh	F/FW	Group discussion, field visit, survey	26.08.2015 Anlamada, Gopalipada	25
Nayagarh	RY	Group discussion, field visit	04.09.2015 Janisahi, Dalaksahi, Digiri	25
Nayagarh	F/FW	Group discussion, field visit, Wastage of Rice bi oriducts	19.09.2015 Nuasgaon, lingiribari, Lunisara	25
Nayagarh	RY	Group discussion, field visit Proper utilization of planting material	28.09.2015 Natim, mahipur, Mardarajpur	20
Nayagarh	F/FW	Group discussion	08.10.2015 Basantapur, Mayurjhallia	25
Nayagarh	F/FW	Group discussion, field visit, local resources available	26.10.2015 Fategarh, Singapada	25
Nayagarh	F/FW	Group discussion, field visit	05.11.2015 Mardarajpur, anlamada, ladukesharpur	25
Nayagarh	F/FW	Group discussion, field visit	18.11.2015, Bajrakote, Rohisahi	25
Nayagarh	IS	Group discussion NGO workers, Krushak club members & SHG members	28.11.2015, KVK campus	25
Nayagarh	F/FW	Group discussion, field visit, survey	04.12.2015, Rohisahi, Malatipur, Gudupangi	25
Nayagarh	F/FW	Group discussion, field visit, survey	21.12.2015, Giridipalli, Singhapara, Khalisahi	50
Nayagarh	Vocational	Group discussion, local resources available	31.12.2015, KVK campus	20

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

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	6	7	8	9	10	11	12	13	14	16	17
Nayagarh	FW	ONC	CRP	Hybrid rice cultivation	1	2	25	1	0	1	0	0	0	21	2
Nayagarh	FW	ONC	CRP	IWM in Rice	1	2	25	1	0	1	0	0	0	21	2
Nayagarh	FW	ONC	CRP	Planting techniques in sugarcane	1	2	25	1	0	1	0	0	0	21	2
Nayagarh	FW	ONC	CRP	Round the year fodder cultivation	1	2	25	1	0	1	0	0	0	21	2
Nayagarh	IS	ONC	CRP	Nutrient management in organic farming	1	2	25	1	0	1	0	0	0	21	2
Nayagarh	FW	OFC	CRP	Hybrid rice cultivation	1	1	25	1	1	1	1	0	0	17	4
Nayagarh	FW	OFC	CRP	Sweet corn cultivations	1	1	25	1	1	1	1	0	0	17	4
Nayagarh	FW	ONC	PLP	IPM for stem borer, BPH, Gandhi bug & cut worm in rice	1	2	25	11	0	6	0	0	0	8	0
Nayagarh	FW	ONC	PLP	IDM for sheath blight, blast and BLB diseases in rice	1	2	25	13	0	1	0	0	0	11	0
Nayagarh	FW	ONC	PLP	Integrated disease mgt. in vegetable nursery	1	2	25	5	0	7	0	0	0	13	0
Nayagarh	FW	ONC	PLP	IPDM in brinjal	1	2	25	12	0	4	0	0	0	9	0
Nayagarh	FW	ONC	PLP	IPM for major sucking pests in oilseed crops	1	2	25	8	0	3	0	0	0	14	0
Nayagarh	FW	OFC	PLP	IPM for borer management in maize	1	1	25	7	0	4	0	0	0	14	0
Nayagarh	FW	OFC	PLP	Biological control of sugarcane borers	1	1	25	10	0	6	0	0	0	9	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	0
Nayagarh	FW	OFC	HOF	Mulching in fruit & vegetable crops	1	1	25	13	7	0	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	6	7	8	9	10	11	12	13	14	16	17
Nayagarh	FW	ONC	HOF	Planting & irrigation management in banana	1	2	25	5	0	3	0	2	0	11	4
Nayagarh	FW	OFC	HOO	Planting & intercultural operations in late kharif marigold	1	1	25	5	0	3	0	2	0	11	4
Nayagarh	FW	ONC	HOV	Techniques of seedling raising & planting in onion	1	2	25	5	0	3	2	0	2	13	0
Nayagarh	IS	ONC	HOF	Rejuvenation of senile mango orchards	1	2	25	5	0	3	0	2	0	12	3
Nayagarh	FW	ONC	HOV	Training & nutrient management in capsicum	1	2	25	5	5	2	4	2	2	5	0
Nayagarh	FW	OFC	HOV	Cultural management of brinjal crops	1	1	25	12	3	5	0	3	2	0	0
Nayagarh	FW	OFC	HOF	Management of cashewnut orchards	1	1	25	5	5	2	2	5	5	1	0
Nayagarh	FW	OFC	WOE	Value added products making from cereals and pulses	1	1	25	0	0	0	10	0	0	0	15
Nayagarh	FW	OFC	WOE	Location specific drudgery reduction technologies	1	1	25	0	0	0	10	0	0	0	15
Nayagarh	FW	ONC	WOE	Commercial cultivation of rice straw mushroom	1	2	25	0	0	0	5		5	0	15
Nayagarh	FW	OFC	WOE	Backyard poultry rearing for income generation	1	1	25	0	0	0	7	0	3	0	15
Nayagarh	FW	ONC	WOE	Oyster mushroom cultivation	2	4	50	0	10	0	10	0	0	0	30
Nayagarh	FW	OFC	WOE	Management of women SHGs	1	1	25	0	5	0	10	0	0	0	10
Nayagarh	FW	ONC	WOE	Value added products making from tomato	1	2	25	0	5	0	10	0	0	0	10
Nayagarh	IS	ONC	WOE	Entrepreneurship development	1	1	25	0	9	0	4	0	0	0	12
Nayagarh	FW	OFC	FIS	Pisciculture in community pond	1	1	25	3	0	2	0	0	0	20	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	6	7	8	9	10	11	12	13	14	16	17
Nayagarh	FW	OFC	FIS	Nursery pond management	1	1	25	3	0	2	0	0	0	20	0
Nayagarh	IS	ONC	FIS	Species diversification in freshwater aquaculture	1	2	25	2	1	1	0	0	0	18	3
Nayagarh	FW	ONC	FIS	Ornamental fish culture for livelihood	1	2	25	3	0	2	0	2	4	10	4
Nayagarh	FW	ONC	FIS	Scientific pisciculture	1	2	25	0	3	0	2	0	0	0	20
Nayagarh	FW	ONC	FIS	Azolla production	1	2	25	2	0	0	0	5	0	10	8
Nayagarh	FW	ONC	FIS	Value addition of freshwater fish	1	2	25	0	5	0	10	0	5	0	5
Nayagarh	FW	ONC	AGF	Medicinal plants identified for the district, their uses and cultivation	1	1	25	10	0	5	0	0	0	10	0
Nayagarh	FW	ONC	AGF	Agroforestry system for rainfed as well as irrigated agroecosystem	1	1	25	5	0	0	0	0	0	20	0
Nayagarh	FW	ONC	AGF	Growing of A. mangium for profit maximization	1	2	20	0	0	5	5	5	5	3	2
Nayagarh	IS	ONC	AGF	Environmental pollution	1	2	25	0	0	5	5	5	10	0	0
Nayagarh	FW	OFC	AGF	Growing eucalyptus for industrial use	1	1	25	0	5		5	0	0	0	15
Nayagarh	FW	OFC	AGF	MPTs in field bunds	1	1	25	5	0	0	0	0	0	20	0
Nayagarh	FW	OFC	CBD	Weed mgt. in rice	1	1	25	2	1	2	2	2	2	13	1
Nayagarh	FW	OFC	CBD	Technology for increasing Oilseed Production	1	1	25	2	1	2	1	1	1	16	1
Nayagarh	FW	OFC	CBD	Technology for increasing Oilseed Production	1	1	25	2	1	2	1	1	1	16	1
Nayagarh	FW	ONC	CBD	Maintenance & use of sprayer	1	2	25	2	1	2	1	1	1	10	7
Nayagarh	IS	ONC	CBD	Management of Training Programme	1	1	25	1	1	2	1	1	1	15	3
Nayagarh	FW	ONC	CBD	Market led extension	1	2	25	0	0	4	2	2	1	12	4
Nayagarh	FW	ONC	CBD	Improved Agricultural Implements for Sowing & Planting in Rabi Crops	1	2	25	0	0	3	2	3	3	10	1

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	6	7	8	9	10	11	12	13	14	16	17
Nayagarh	FW	ONC	CBD	Co-operative and contract farming	1	2	25	2	1	2	2	3	2	12	1
Nayagarh	IS	ONC	CBD	Participatory Project Management in rural sector for sustainable livelihood & food security.	1	1	25	1	1	2	1	1	1	15	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	Integrated fish farming	IFS	Income Generation	5	1	0	1	2	14	2
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	Technique for quality seed production in rice	Paddy	Income generation	5	2	0	0	0	18	0
Nayagarh	Mushroom spawn production technology	Mushroom	Income generation	5	4	2	2	2	4	6
Nayagarh	Techniques of nursery raising in vegetable crops	Vegetables	Income generation	5	4	2	2	2	5	5
Nayagarh	Vermi composting	Vermi composting	Income generation	5	1	1	1	1	15	1
Nayagarh	IPM in vegetables	vegetables	IPM	5	2	0	2	0	16	0
Nayagarh	Scientific method of pulse production	Pulse	ICM	5	0	0	2	0	18	0
Nayagarh	Quality planting material production in forest crops	Teak, mangium, red sanders	Income generation	5	2	2	2	2	10	2
Nayagarh	Bamboo as an component in IFS and its propagation methods(Culm Cutting	Bamboo	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	MPTs their uses, planting and planting material production	Nursery	7	18	14
Nayagarh	Integrated fish farming	Pond based farming	17	22	12
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		
Nayagarh	Organic farming for sustainable agriculture	RCT		FW	5	10	9	4	4	1	7	-	ATMA , Nayagarh	
Nayagarh	Stunted fingerlings & yearlings production	Production & management		FW	5	10	4	9	7	4	-	1	ATMA , Nayagarh	
Nayagarh	Beekeeping	Income generation		RY	7	14	4	5	8	-	6	2	Watershed, Nayagarh	
Nayagarh	IPDM in pulses	IPDM		FW	4	8	8	5	3	6	-	3	Watershed, Nayagarh	
Nayagarh	Post-harvest technology & value addition	Post-harvest technology		FW	5	10	9	4	4	1	7	-	ATMA , Nayagarh	
Nayagarh	Value addition of milk	Value addition		IS	5	10	4	9	7	4	-	1	ATMA , Nayagarh	

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		
Nayagarh														

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

6. 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			
Nayagarh	Field Day	21	0	480	220	282	68	32	11	0	0	0
Nayagarh	Kisan Mela	2	0	112	48	33	7	4	2	0	0	0
Nayagarh	Kisan Ghosthi	2	0	27	3	8	2	0	0	0	0	0
Nayagarh	Exhibition	2	0	120	27	36	17	0	0	0	0	0
Nayagarh	Film Show	60	0	802	298	314	86	0	0	0	0	0
Nayagarh	Method Demonstrations	2	0	25	7	5	3	0	0	0	0	0
Nayagarh	Farmers Seminar	2	0	31	8	9	2	0	0	0	0	0
Nayagarh	Workshop	6	0	0	0	0	0	0	0	0	0	0
Nayagarh	Group meetings	4	0	61	14	18	7	0	0	0	0	0
Nayagarh	Lectures delivered as resource persons	15	0	86	18	17	5	0	0	0	0	0
Nayagarh	Newspaper coverage	10	0	0	0	0		0	0	0	0	0
Nayagarh	Radio talks	8	0	0	0	0		0	0	0	0	0
Nayagarh	TV talks	8	0	0	0	0		0	0	0	0	0
Nayagarh	Popular Articles	8	0	0	0	0		0	0	0	0	0
Nayagarh	Extension Literature	5	0	0	0	0		0	0	0	0	0
Nayagarh	Farm Advisory Services	80	0	0	0	0		0	0	0	0	0
Nayagarh	Scientific visit to farmers field	170	0	0	0	0		0	0	0	0	0
Nayagarh	Farmers Visit to KVK	500	0	0	0	0		0	0	0	0	0
Nayagarh	Diagnostic Visits	96	0	125	18	29	8	0	0	0	0	0
Nayagarh	Exposure Visits	2	0	16	0	4	0	0	0	0	0	0
Nayagarh	Ex-trainees Sammelan	4	0	147	16	32	5	0	0	0	0	0
Nayagarh	Soil Health Camp	2	0	74	11	12	3	0	0	0	0	0
Nayagarh	Animal Health Camp	2	0	85	7	6	2	0	0	0	0	0
Nayagarh	Agri Mobile Clinic	0	0		0	0	0	0	0	0	0	0
Nayagarh	Soil Test Campaigns	2	0	80	12	8	0	0	0	0	0	0
Nayagarh	Farm Science Club conveners meet	1	0	14	0	6	0	0	0	0	0	0
Nayagarh	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	Cereals	Rice	Mrunalini		14qtl	Qtl	33754	142
Nayagarh	Pulses	Greengram	TARM 1, LGG 460		2.5qtl	Qtl	23540	52
Nayagarh	Oilseed	Arhar	Asa		5.4	Qtl	37530	108

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	
Nayagarh	Forest tree species	Teak	Jan-Feb	July-Aug		Teak	Seedlings	1500	8000	12000	-
Nayagarh	Forest tree species	Mangium	Jan-Feb	July		Mangium	Seedlings	2000	7000	10000	-
Nayagarh	Forest tree species	Bamboo	May-June	Aug-Sept		Bamboo	Vegetative propagated materials	500	3500	5000	-
Nayagarh	Vegetable seedling	Tomato	Kharif & Rabi	Kharif & Rabi		Hybrids	Seedlings	40000	10000	24000	-
Nayagarh		Brinjal					Seedlings				-
Nayagarh		Onion					Seedlings				-
Nayagarh		Cauliflower					Seedlings				-
Nayagarh		Cabbage					Seedlings				-
Nayagarh		Capsicum					Seedlings				-
Nayagarh	Horticultural Plant	Drumstick				PKM 2	Saplings	250	900	1250	-
Nayagarh		Papaya				Ranchi dwarf, Red lady	Saplings	500	2000	2800	-
Nayagarh		Mango				Amrapalli	Saplings	5000	55000	125000	-
Nayagarh	Vermicompost		Round the year			E.foetida		2MT	10000	16000	-
	Ornamental flowers	Marigold				Ceracola	Seedlings	8000	3500	8000	-

Nayagarh	Mushroom cultivation	Mushroom	March-Feb		P.sejorcaju V.volvacea	Mushroom	1 Q	4000	6000	-
Nayagarh	Mushroom spawn	Mushroom	Round the year			Mushroom spawn	2400	22800	28800	-

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	
Nayagarh	BIOAGENTS				
Nayagarh	BIOFERTILIZERS (Vermi-compost)	2MT	10000	16000	Increases WHC, Porosity and organic carbon content of the soil
Nayagarh	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	
Nayagarh	Cattle						
Nayagarh	Buffalo						
Nayagarh	Sheep and Goat						
Nayagarh	Poultry	Vanaraja	21 days chicks	3000	115000	150000	Fast growing/ High egg production, backyard poultry
Nayagarh	Fisheries	Fry fingerlings, Ornamental fish	Fish seed, Live bearer	40000	28000	40000	
Nayagarh	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
Nayagarh	Soil Sample					
Nayagarh	Water Sample					

9. Rainwater Harvesting: NA

Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit

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

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	
Nayagarh	200	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 to be attended	Major recommendations
Nayagarh	Kharif SAC June 2015	22	
	Rabi SAC December 2015	22	

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

12.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Nayagarh	June	Quarterly	500	500
Nayagarh	September	Quarterly	500	500
Nayagarh	December	Quarterly	500	500
Nayagarh	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	VCD	IPM in Rice	100
Nayagarh	VCD	Mushroom cultivation	50
Nayagarh	VCD	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	4	-	-	-	-
Technical bulletins	5	-	-	Mrs. Shelly Dash, T. Khandaitaray, , T. Badjena, A. Panda, S sahu	204
Technical reports	-	-	-	-	-
Popular article	10		Annually	A.Panda.S.Sahu,A.M.Prusty	204
News paper coverage	100	-		T. Badjena	1,00,000
Year Planner	1	1 st April,	Annually	Mrs. Shelly Dash	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
Nayagarh	ATMA	State	-	Training to grassroot level of extension functionaries	Agriculture Horticulture Fishery	-
Nayagarh	WADI	-	-	-	-	-
Nayagarh	NHM	-	-	-	-	-
Nayagarh	RKVY	-	-	-	-	-
Nayagarh	DRDA	-	-	-	-	-
Nayagarh	Zila Panchyat	-	-	-	-	-
Nayagarh	Seed Village	-	-	-	-	-
Nayagarh	ATHREEP	-	-	-	-	-
Nayagarh	Climate Change	-	-	-	-	-
Nayagarh	Others (Plz. Specify)	-	-	-	-	-

14. Utilization of Farmers Hostel. : Accommodation available (No. of beds):

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees to be stayed	Trainee days (days to be stayed)	Reason for short fall (if any)
Nayagarh	June	2015	Quality planting material production in horticultural crops & forest plants	6 days	25	6	-
Nayagarh	June	2015	Hybrid seed production in paddy	5 days	25	5	-
Nayagarh	October	2015	Spawn production technology	7 days	25	7	-
Nayagarh	January	2016	Beekeeping for self employment	7 days	25	7	-

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
Nayagarh					

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
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b) Details about Technology Park:NA

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

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria

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. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1	Oct, 2015	100
2	Feb, 2015	100

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Nayagarh	8	8	60	101

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, and 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			

23. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
	Nayagarh	December 2013	Blocked	-

24. Status of RTI

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

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			
Nayagarh							

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Nayagarh	Awareness campaign on bio-control	1	50	Bio-control strategy
Nayagarh	Farmers-scientists interaction	1	50	Prospects of off- season vegetable cultivation
Nayagarh	Film show	5	200	IPM, SRI, IDM, INM, IWM, mushroom cultivation, vermin-composting, varietal diversification & drudgery reduction,
Nayagarh	Soil health Awareness campaign	1	50	-
Nayagarh	Road show	1	-	Latest Scientific technology
Nayagarh	Diagnostic Practical's	-	-	-
Nayagarh	Distribution of Literature (No.)	5	200	Scientific cultivation of rice, sugarcane, pulses, apiculture, vermin-composting
Nayagarh	Distribution of Seed (q)	-	-	-
Nayagarh	Distribution of Planting materials (No.)	100 nos (A mangium, teak & papaya saplings)	50	A mangium, teak & papaya
Nayagarh	Bio Product distribution (Kg)	-	-	-
Nayagarh	Bio Fertilizers (q)	-	-	-
Nayagarh	Distribution of fingerlings (No)	-	-	-
Nayagarh	Animal health camp	1	50	All kinds of live-stocks
Nayagarh	Total number of farmers visited the technology week	8	650	-

27. INTERVENTIONS ON DROUGHT MITIGATION: NA

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
	Nayagarh	Oilseeds		
	Nayagarh	Pulses		
	Nayagarh	Cereals		
	Nayagarh	Vegetable crops		
	Nayagarh	Tuber crops		

	Nayagarh	Fruits		
	Nayagarh	Spices		
	Nayagarh	Cotton		
	Nayagarh			
	Nayagarh			
	Nayagarh	Total		

Farmers-scientists interaction on livestock management

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

Animal health camps to be organized

Name of KVK	Number of camps	No.of animals	No.of farmers
Nayagarh	2	100	100
Nayagarh			
Nayagarh			

Seed distribution in drought hit states

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

Seedlings and Saplings to be distributed

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

Bio-control Agents

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

Bio-Fertilizer

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

Verms Produced

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

Large scale adoption of resource conservation technologies

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

Awareness Campaign

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

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

7. Feedback of Farmers for future improvement, if any.

8. Good Action Photographs after work progress (step-wise)

29. Proposed works under NAIP (in NAIP monitoring format): NA

30. Status of Revolving Funds (Rs.)

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

31. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Nayagarh	03	Farmer	OUAT, BBSR & KVK Nayagarh	-

32. Case study / Success Story to be developed – Two best only in the following format

Name of the KVK, TITLE, Introduction, KVK intervention, Output, Outcome, Impact

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

33. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem)