

**FORMAT  
FOR  
ANNUAL ACTION PLAN OF THE  
KVKs IN ZONE VII**

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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 2013-14**

1) Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1<sup>st</sup> April, 2013 to 31<sup>st</sup> March 2014 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, 2013 to March, 2014

### 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	211			
	FLDs – Oilseeds (activity in ha)	5	15			
	FLDs – Pulses (activity in ha)	10	30			
	FLDs – Cotton (activity in ha)	-	-			
	FLDs – Other than Oilseed and pulse crops(activity in ha)	19.3	113			
	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	16	25			
	Training-Farmers and farm women	69	1725			
	Training-Rural youths	14	280			
	Training- Extension functionaries	8	200			
	Extension Activities	1018	4126			
	Seed Production (Number of activity as seeds in quintal)	1.2	24			
	Planting material ((Number of activity as quantity of planting material in quintal)	0	0			
	Seedling Production (Number of activity as number of seedlings in numbers)	18900	350			
	Sapling Production (Number of activity as number of sapling in numbers)	4100	245			
	Other Bio- products (No. of quantity) (2MT+ 100 lit.)	-	110			
	Live stock products	4000	125			
	Activities of Soil and Water Testing Laboratory	-	-			
	Rainwater Harvesting System	-	-			
	Kisan Mobile Advisory (KVK-KMA)	300	50000			
	SAC Meeting (Date & no. of core/ official members)	1	22			
	Literature to be Developed/Published	22	2762			
	Convergence programmes / Sponsored programmes	2	-			
	Utilization of Farmers Hostel	-	-			
	Utilization of Staff Quarters	-	-			
	Details of KVK Agro-technological Park	5	-			

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	
	Crop Cafeteria-	-	-			
	Farm Innovators- list of 10 farm innovators from the District	-	10			
	Status of Revolving Funds	-	-			
	Awards and Recognitions	-	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	425			
	Technology Demonstration under Tribal Sub Plan	-	-			
	KVK Ring	-	-			
	Important visitors to KVK	-	-			
	Status of KVK Website	-	-			
	Status of RTI	-	-			
	E-connectivity	-	-			
	Details of Technology Week Celebrations	14	690			
	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 31.03.13)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Speciali- zation	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
KVK, Nayagarh	Programme Coordinator	Mrs. Shelly Dash	Programme Coordinator	M.A	Home Sc.	37400 - 67000	48120	17.07.09	Temporary	Other
KVK, Nayagarh	Subject Matter Specialist1	Miss Swagatika Sahu	SMS (Fisheries)	M.F.Sc	Fisheries	15600-39100	16920	09.11.12	Temporary	Other
KVK, Nayagarh	Subject Matter Specialist2	Mr. Arjuna Mohan Prusti	SMS (Plant Breeding)	M. Sc (Ag)	Plant Breeding	15600-39100	18320	01.09.08	Temporary	Other
KVK, Nayagarh	Subject Matter Specialist3	Mr. Trinath Khandaitaray	SMS (Plant Protection)	M. Sc (Ag)	Agril. Entomology	15600-39100	19810	20.07.09	Temporary	Other
KVK, Nayagarh	Subject Matter Specialist4	Mrs. Smitha G. Nair	SMS (Forestry)	M.Sc (Forestry)	Forestry	15600-39100	16920	05.10.09	Temporary	Other
KVK, Nayagarh	Subject Matter Specialist5	Mr. Tribijayi Badajena	SMS (Agril. Extension)	M.Sc (Ag)	Agril. Extension	15600-39100	16920	07.04.10	Temporary	Other
KVK, Nayagarh	Subject Matter Specialist6	Mr.Amitabh Panda	SMS, Horticulture	M.Sc (Ag.)	Horticulture	15600-39100	19810	04.04.11	Temporary	Other
KVK, Nayagarh	Programme Assistant	Mrs. Rosalin Praharaj	Pro. Asst. (Computer)	B.Sc (PGDCA,MCA)	Computer	9300-34800	12430	10.03.06	Temporary	Other
KVK, Nayagarh	Farm Manager	Vacant	Farm Manager	-	-	-	-	-	-	-
KVK, Nayagarh	Computer Programmer	Mr. Bikram Keshari Parimanik	Pro. Asst. (Forestry)	B.Sc	Forestry	9300-34800	11470	16.10.06	Temporary	Other
KVK, Nayagarh	Accountant / superintendent	Vacant	Accountant-cum- office superintendent	-	-	-	-	-	Temporary	Other
KVK, Nayagarh	Stenographer	Vacant	Junior steno-cum- computer operator	-	-	-	-	-	Temporary	Other
KVK, Nayagarh	Driver	Mr. Rabi Narayan Mohapatra	Driver/Mechanic	Intermediate	-	5200-20200	5640	22.07.08	Temporary	Other
KVK, Nayagarh	Driver	Mr. Jagannath Sahoo	Driver/Mechanic	Matric	-	5200-20200	5640	28.03.11	Temporary	Other
KVK, Nayagarh	Supporting staff	Mr. Prasanna Martha	Peon/Watchman	ME	-	4440-7440	5180	19.12.07	Temporary	Other
KVK, Nayagarh	Supporting staff	Mr. Gunanidhi Bauta	Peon/Watchman	ME	-	4440-7440	5180	19.12.07	Temporary	Other

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

1.	Geographical area of the district	3,94,110 ha (4242 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	179
8.	No. of revenue villages	1531
9.	Population in the district 2001 census	8,64,516
	Male	4,46,177
	Female	4,18,339
10.	ST population	5.88%, 50836
11.	SC population	14.04%, 1,21,409
12.	Literacy	70.52%
	Male	82.66%
	Female	57.64%
13.	Annual Rainfall	1354.3mm
14.	Max temperature	44.0 <sup>0</sup> C
15.	Minimum temperature	11.0 <sup>0</sup> C
16.	Population density	222/sq. km.
17.	Area under forest	38,086 ha.
18.	Area under cultivation	1,36,841 ha.
	High land	53,192 ha
	Medium land	46,866 ha
	Low land	36,783 ha
19.	Kharif irrigated area	43577 ha.
	Rabi irrigated area	14483 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.	11910 ha.



### 1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2013 to 31.3.2014 (Approved by competent Authority in meetings/workshops)

#### Details of Adopted village (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	Janisahi	2010	Dasapalla	50 km	950	850
Nayagarh	Giridipalli	2011	Khandapada	35km	625	575
Nayagarh	Mardarajpur	2010	Nayagarh	25km	700	658
Nayagarh	Anlamada	2012	Khandapada	35km	625	575
Nayagarh	Darpanarayanpur	2012	Ranpur	35km	250	115

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

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

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

KVK Name	Problems identified
KVK Nayagarh	RICE : Low grain yield - poor nutrition- Heavy weed infestation-High grain loss – BPH, stem borer, sheath blight/rot, blast & BLB
KVK Nayagarh	MOONG : Low productivity – Little Nutrition- High storage loss – Pulse beetle, root rot & YMV incidence
KVK Nayagarh	SUGARCANE : Increase in production cost – Closer spacing-High Seed requirement – Manual weeding-Low MC production – Poor N management- Incident of ESB, IB & SB.
KVK 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.
KVK Nayagarh	COLOCASIA : Increase in production cost – Manual weeding-Growth retardation Blight & Corm Rot
KVK Nayagarh	TUBER CROPS : Deep rooted longer duration Yam - poor acceptance- less yield potential Sweet Potato – Poor acceptance, Slow multiplication rate, weevil incidence
KVK Nayagarh	GROUNDNUT : Increased production cost – Manual weeding-Poor plant stand – Early stage wilting
KVK Nayagarh	SUNFLOWER : Low yield – Increased Chaffiness-pest & disease incidence
KVK Nayagarh	COCONUT : Fruit drop- Eriophyid mite attack-Low yield in local types
KVK Nayagarh	MANGO: Fruit drop- Mango hopper & Bark eating caterpillar
KVK Nayagarh	BRINJAL : Fruit and Shoot borer Incidence- Wilting
KVK Nayagarh	COLE CROPS: Tobacco caterpillar incidence- Low yield in local types
KVK Nayagarh	TOMATO: Low yielding local types, severe wilt & fruit borer incidence.
KVK Nayagarh	FOREST TREES : Untapped forest resources , Deforestation due to heavy demand on fuel wood, timber and fodder demand
KVK Nayagarh	<p>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</p>
KVK 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.

## 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)	
										Farmer practice T1	Rec. Tech T2	T1	T2
Nayagarh	Kharif 2013	Yield stagnation in all the ruling varieties	Assessment	Varietal evaluation	Rice	Irrigated	0.5ha	13	Assessment of rice hybrid CR Dhan 701	-	-	-	-
Nayagarh	Kharif 2013	Heavy weed infestation in early stage reduces crop yield	Assessment	Weed management	Rice	Rainfed	0.5ha	13	Assessment of IWM in medium land rice	-	-	-	-
Nayagarh	Kharif 2013	Less income from traditional maize cultivation	Assessment	Varietal diversification	Maize	Rainfed	0.5ha	13	Assessment of sweet corn var Madhuri	-	-	-	-
Nayagarh	Kharif 2013	Imbalance application of nutrients (without organics) gradually decreasing soil health & fertility	Assessment	Soil fertility management	Maize	Rainfed	0.5ha	13	Assessment of soil test based INM in Maize	-	-	-	-
Nayagarh	Kharif 2013	Yield reduction due to severe BPH infestation	Assessment	IPM	Rice	Rainfed Medium	0.5ha	13	Assessment of Buprofezin for the control of BPH in rice	-	-	-	-
Nayagarh	Kharif 2013	Severe collar rot at early stages of crop growth	Assessment	IDM	Groundnut	Rainfed upland	0.5ha	13	Assessment of IDM for collar rot in Groundnut	-	-	-	-
Nayagarh	Rabi 2013-14	Heavy application of granular insecticides leads to residual toxicity in cole crops	Assessment	IPM	Cauliflower	Irrigated medium	0.5 ha	13	Assessment of IPM against Tobacco caterpillar ( <i>Spodoptera</i> ) in cauliflower	-	-	-	-
Nayagarh	Rabi 2013-14	Low yield due to severe thrip infestations in chilli	Assessment	IPM	Chilli	Irrigated medium	0.5 ha	13	Assessment of Novaleuron for the control of thrips in chilli	-	-	-	-
Nayagarh	Kharif		Assessment	ICM	Solanaceous vegetables	-	0.5 ha	13	Assessment of	-	-	-	-

	2013	Low germination (50 %),high mortality (30%) of seedlings in nursery due to water logging in kharif							low cost poly-tunnel for seedling raising				
Nayagarh	Kharif 2013	Improper nutrient management	Assessment	INM	Arrow root	Rainfed Upland	0.5 ha	13	Assessment of INM in arrowroot	-	-	-	-
Nayagarh	Rabi 2013	Severe weed infestation at early stages	Assessment	ICM	Tomato	Irrigated medium land	0.5 ha	13	Assessment of plastic mulching in tomato	-	-	-	-
Nayagarh	Rabi 2013	Less no. of fruits/plant(6),low yield/plant(0.96kg),	Assessment	Varietal evaluation	Brinjal	Irrigated medium land	0.5 ha	13	Assessment of HYV var. of Brinjal Arka neelanchal kranti	-	-	-	-
Nayagarh	Kharif 2013	Quality inferiority of mahul flowers due to improper & insufficient drying	Assessment	Value addition	Mahua	Upland rain-fed	1Unit	5	Assessment of solar dehydrator for drying of mahua flowers	-	-	-	-
Nayagarh	Rabi 2013-14	Broken seed & low quality due to manual threshing of sunflower seeds.	Assessment	Drudgery reduction	Sunflower		5units	5	Assessment of sunflower thresher	-	-	-	-
Nayagarh	Kharif, 2013	High cost of production and improper utilization of waste	Assessment	Production and management	IMC	Pond based	0.6 ha	5	Assessment of sugarcane bagasse as substrate in pisciculture	-	-	-	-
Nayagarh	Kharif, 2013	low production in IMC culture due to slow growth rate of rohu	Assessment	Production and management	Rohu	pond based	1 ha	5	Assessment of growth performance of Jayanti Rohu in fish pond	-	-	-	-
Nayagarh	Kharif, 2013	Poor water quality inhibits growth of fish	Assessment	Production and management	IMC	Pond based	1 ha	5	Assessment of probiotic in fish production.	-	-	-	-
Nayagarh	Rabi 2013-14	Low milk yield due to imbalance nutrition	Assessment	Nutrition management	Cross bred cow	Open yard	8 units	8	Assessment of prebiotic feed supplement on milk yield of cross bred cow	-	-	-	-
Nayagarh	Kharif 2013	Low return from ragi	Assessment	AGF	Cassava ( <i>Manihot escelens</i> )	upland	0.4ha	10	Assessment of growth and yield of Cassava in unbounded upland	-	-	-	-

Nayagarh	Kharif 2013	Un-utilization of inter space	Assessment	AGF	Pipali ( <i>Piper longum</i> )	upland	0.4ha	5	Assessment of growth and yield of pippali as an intercrop in teak and mango	-	-	-	-
Nayagarh	Kharif 2013	Un-utilization of inter space	Assessment	AGF	Medicinal plants (aswagandha/ Aloe vera )	upland	0.4ha	2	Assessment of growth and yield of <i>Aloe vera</i> as intercrop in cashew plantation	-	-	-	-
Nayagarh	Rabi 2013-14	Use of non-graded seeds in nurseries result in loss of time and labour	Assessment	AGF	Teak	upland	0.4ha	5	Assessment of growth and survival of graded teak seeds for nurseries	-	-	-	-

## 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 <sub>1</sub> )	RP (T <sub>2</sub> )		FP (T <sub>1</sub> )	RP (T <sub>2</sub> )		FP (T <sub>1</sub> )	RP (T <sub>2</sub> )		FP (T <sub>1</sub> )	RP (T <sub>2</sub> )				

### 3. Frontline Demonstrations

#### 3.1. Follow-up for results of FLDs implemented during previous years (upto 2012-13)

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	240	209
KVK, Nayagarh	Rice	10	Varietal substitution in rice	Training, leaf lets, exposure visit, news paper	22	180	220
KVK, Nayagarh	Pea	11	Pyara cropping of field pea	Training, leaf lets, exposure visit, news paper	13	119	161
KVK, Nayagarh	Banana	10	Cultivation of Tissue cultured banana	Training, Farm Visit, Exposure visit, Film show	34	85	30
KVK, Nayagarh	Papaya	10	Cultivation of high yielding variety of papaya	Training, Farm Visit, Exposure visit, Film show	19	98	24
KVK, Nayagarh	Elephant Foot Yam	10	Introduction of improved EFY Var. Gajendra	Training, Farm Visit, Exposure visit, Film show	13	160	17
KVK, Nayagarh	Arrowroot	55	Crop substitution with arrowroot.	Training leaf lets, exposure visit,	35	194	68
KVK, Nayagarh	Turmeric	10	Introduction of improved Turmeric var. Suroma	Training, Farm Visit, Exposure visit, Film show	16	49	7
KVK, Nayagarh	Rice	20	Integrated pest management in rice	Training, leaf lets, exposure visit, video show, news paper	12	170	118
KVK, Nayagarh	sugarcane	20	Biological control of sugarcane borers	Training, leaf lets, exposure visit, video show, news paper	32	262	198
KVK, Nayagarh	Bee keeping	19	Bee keeping for rural youth	Training, leaf lets, exposure visit, video show, news paper	15	35	121 Units
KVK, Nayagarh	Brinjal	20	Integrated pest management in brinjal	Training, leaf lets, exposure visit, video show, news paper	17	149	99

KVK, Nayagarh	Tomato	20	Microbial control of tomato fruit and shoot borer	Training, leaf lets, exposure visit, video show, Kisan mela	12	73	38
KVK, Nayagarh	Fresh water prawn	55	Freshwater prawn culture	Trainings, exposure visit, field day, video show	19	55	37
KVK, Nayagarh	Ornamental fish	51	Ornamental fish culture	Trainings, exposure visit, video show, field day	8	39	18 Unit
KVK, Nayagarh	IMC	15	Pond based farming system	Trainings, exposure visit, kisan mela, video show	22	48	33
KVK, Nayagarh	Poultry	51	Backyard poultry rearing	Trainings, exposure visit, kisan mela, video show	35	97	67 units
KVK, Nayagarh	Mushroom	16	Rice straw mushroom cultivation	Leaf let, Poster, Training, Group discussion, TV talk, New paper coverage	26	85	-
KVK, Nayagarh	Vegetable	23	Nutritional gardening	Leaf let, Poster, Training, Group discussion, TV talk, New paper coverage	5	63	3
KVK, Nayagarh	Mushroom	16	Oyster mushroom cultivation	Leaf let, Poster, Training, Group discussion, TV talk, New paper coverage	14	151	-
KVK, Nayagarh	EFY	10	Introduction of Elephant Foot Yam var. Gajendra	Training, Farm Visit, Exposure visit, Film show	29	183	13
KVK, Nayagarh	Sugarcane	10	Varietal substitution by high sucrose content variety	Training, Group discussion, News paper coverage	7	21	10
KVK, Nayagarh	Bamboo	11	Growing of bamboo raised through culm cutting method	Training, Farm Visit, Exposure visit, Booklet	17	35	35
KVK, Nayagarh	Acacia mangium	11	Growing of <i>Acacia mangium</i>	Training, Group discussion, News paper coverage	8	65	6

### 3.2 Details of FLDs to be implemented during 2013-14

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				
							Demo ns	Check		SC	ST	OBC	Others	Total
Nayagarh	Varietal substitution	Rice	Kharif 2013	Demonstration on rice var. Mrinalini	2ha	Mrinalini	-	-	-	1	1	6	2	10
Nayagarh	Soil health & fertility mgt.	Rice	Kharif 2013	Demonstration on INM in rice	2ha	MTU 1001	-	-	-	1	1	6	2	10
	Integrated crop management	Sugarcane	Rabi 2013-14	Demonstration on Sustainable Sugarcane Initiative (Bud chip) method of sugarcane cultivation	2ha	Raghunath (CO-OR-04-152)	-	-	-	1	0	3	1	5
Nayagarh	IWM	Sugarcane	Rabi 2013-14	Demonstration on metribuzin for weed mgt. in sugarcane	2ha	CO 6907	-	-	-	1	0	3	1	5
Nayagarh	IDM	Rice	Kharif 2013	Demonstration on IDM on sheath blight in rice	2 ha	Pratiksha	-	-	-	1	1	6	2	10
Nayagarh	IPM	Maize	Kharif 2013	Demonstration on IPM on borer mgt. in maize	2ha	Nilesh	-	-	-	2	2	4	2	10
Nayagarh	IDM	Greengram	Rabi 2013-14	Demonstration on IDM on seedling blight in greengram	2ha	TARM-1	-	-	-	2	4	1	3	10
Nayagarh	IDM	Tomato	Rabi 2013-14	Demonstration on IDM for wilt in tomato	2ha	Chiranjeevi	-	-	-	2	4	1	3	10
Nayagarh	Varietal evaluation	Turmeric	Kharif 2013	Demonstration on Turmeric var. LAKADONG	0.2 ha	LAKADONG	-	-	-	-	2	3	5	10
Nayagarh	Varietal evaluation	Marigold	Kharif 2013	Demonstration on African Marigold var. CERACOLA	0.4 ha	CERACOLA	-	-	-	2	1	2	5	10
Nayagarh	INM	Pointed gourd	Rabi 2013-14	Demonstration on INM in Pointed Gourd	0.8ha	Nayagarh local	-	-	-	2	2	2	4	10
Nayagarh	Integrate crop mgt.	Mango	Rabi 2013-14	Demonstration on micronutrients for fruit drop control in mango	2 ha	Mango	-	-	-	1	1	2	6	10



Nayagarh	Drudgery reduction	Twin wheel hoe weeder	Rabi 2013-14	Demonstration on Twin wheel hoe weeder in vegetables	10 nos	Twin wheel hoe weeder	-	-	-	1	1	6	2	10
Nayagarh	Income generation	Mushroom	Rabi 2013-14	Demonstration on Off season paddy straw mushroom in poly-house	5 units	Mushroom	-	-	-	-	-	-	1	1
Nayagarh	FIS	Cat fish	Kharif 2013	Demonstration on <i>Pangasius</i> culture	0.5ha	<i>Pangasianodon hypophthalmus</i>	-	-	-	-	-	-	3	3
Nayagarh	LPM	IMC	Rabi 2013	Demonstration on Azolla as poultry feed	5 nos	<i>Azolla pinnata</i>	-	-	-	1	-	-	4	5
Nayagarh	FIS	Ornamental fish	Kharif, 2013-14	Demonstration of breeding live bearer for income generation	3 nos	Molly, guppy	-	-	-	-	-	1	2	3
Nayagarh	LPM	Poultry	Kharif 2013-14	Demonstration on dual purpose poultry in fish pond	3nos	Vanaraja	-	-	-	-	-	-	3	3
Nayagarh	AGF	Black pepper	Kharif 2013	Introduction of black pepper as an intercrop in mango	1 ha	Panniyur 1	-	-	-	-	-	5	-	5
Nayagarh	AGF	Teak	Kharif 2013	Introduction of stump planting of teak in Agro-forestry system	1 ha	teak	-	-	-	2	-	2	6	10
Nayagarh	AGF	Teak, Mangium	Rabi 2013-14	Introduction of MPTs in farm lands	1 ha	Teak, Mangium	-	-	-	-	2	3	5	10
Nayagarh	Value addition	Cassava	Rabi 2013-14	Use of chips maker for Tapioca Chips preparation	1 unit	Sreejaya	-	-	-	2	-	3	5	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													
Nayagarh													
Nayagarh													

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	11	270	
		Media coverage	2	-	
		Training for extension functionaries	1	25	
Nayagarh	Sugarcane	Field days	1	50	Sugarcane
		Farmers Training	2	50	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Nayagarh	Vermi-compost	Field days	1	50	Vermi-compost
		Farmers Training	1	20	
		Media coverage	1	-	
		Training for extension functionaries	1	25	
Nayagarh	Greengram	Field days	1	50	Greengram
		Farmers Training	3	75	
		Media coverage	1		
		Training for extension functionaries	1	25	
Nayagarh	Tomato	Field days	1	50	Tomato
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries	-		
Nayagarh	Turmeric	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Nayagarh	Marigold	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			
Nayagarh	Mango	Field days	1	50	
		Farmers Training	1	25	
		Media coverage			
		Training for extension functionaries			

	Cat fish	Field days	1	50	Cat fish
		Farmers Training	1	25	
		Media coverage	1	-	
		Training for extension functionaries	-	-	
Nayagarh	Poultry	Field days	1	50	Poultry
		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	Cassava	Field days	1	50	Cassava
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries	-	-	
Nayagarh	Teak Mangium	Field days	1	50	Teak Mangium
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries	1	25	
Nayagarh	Black pepper	Field days	1	50	Blackpepper
		Farmers Training	1	25	
		Media coverage	1		
		Training for extension functionaries	1	25	
Nayagarh	Cassava	Field days	1	50	-
		Farmers Training	2	50	-
		Media coverage			-
		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	Hishell, Nilesh	Institute	20	2ha

## 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
<b>Thematic Areas for Training</b>	
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	10.04.2013 Patharachakada, Madhapur	50
Nayagarh	RY	Group discussion	15.05.2013 KVK campus	25
Nayagarh	F/FW	Group discussion	30.05.2013 Fategarh	25
Nayagarh	IS	Group discussion	20.06.2013 KVK campus	25
Nayagarh	F/FW	Group discussion, field visit, survey	02.07.2013 Gunthuni, Chandi, Biridi, Malatipur	50
Nayagarh	RY	Group discussion	22.07.2013 Jogiapalli, Khanguri, Badahamara	25
Nayagarh	IS	Group discussion NGO workers, Krushak club members & SHG members	07.08.2013 Nuagaon, Jakola, Seranda	40
Nayagarh	F/FW	Group discussion, field visit, survey	26.08.2013 Anlamada, Gopalipada	25
Nayagarh	RY	Group discussion, field visit	04.09.2013 Janisahi, Dalaksahi, Digiri	25
Nayagarh	F/FW	Group discussion, field visit, Wastage of Rice bi oriducts	19.09.2013 Nuasgaon, lingiribari, Lunisara	25
Nayagarh	RY	Group discussion, field visit Proper utilization of planting material	28.09.2013 Natim, mahipur, Mardarajpur	20
Nayagarh	F/FW	Group discussion	08.10.2013 Basantapur, Mayurjhallia	25
Nayagarh	F/FW	Group discussion, field visit, local resources available	24.10.2013 Fategarh, Singapada	25
Nayagarh	F/FW	Group discussion, field visit	05.11.2013, Mardarajpur, anlamada, ladukesharpur	25
Nayagarh	F/FW	Group discussion, field visit	18.11.2013, Bajrakote, Rohisahi	25

Nayagarh	IS	Group discussion NGO workers, Krushak club members & SHG members	28.11.2013, KVKcampus	25
Nayagarh	F/FW	Group discussion, field visit, survey	04.12.2013,Rohisahi, Malatipur,Gudupangi	25
Nayagarh	F/FW	Group discussion, field visit, survey	20.12.2013,Giridipalli, Singhapara,Khalisahi	50
Nayagarh	Vocational	Group discussion, local resources available	31.12.2013, KVKcampus	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	2	1	2	1	1	1	16	1
Nayagarh	FW	ONC	CRP	SRI method rice cultivation	1	2	25	2	1	2	1	1	1	16	1
Nayagarh	FW	ONC	CRP	IWM in Rice	1	2	25	2	1	2	1	1	1	16	1
Nayagarh	FW	ONC	CRP	Planting techniques in sugarcane	1	2	25	2	1	2	1	1	1	16	1
Nayagarh	<b>RY</b>	ONC	CRP	Quality seed production technology in rice	1	2	20	2	0	2	0	1	0	14	1
Nayagarh	RY	ONC	CRP	Vermi composting	1	2	20	2	0	2	0	1	0	14	1
Nayagarh	IS	ONC	CRP	Nutrient management in organic farming	1	2	25	1	1	2	1	1	1	15	3
Nayagarh	FW	OFC	CRP	Hybrid rice cultivation	1	1	25	2	1	2	1	1	1	16	1
Nayagarh	FW	OFC	CRP	SRI method rice cultivation	1	1	25	2	1	2	1	1	1	16	1
Nayagarh	FW	OFC	CRP	IWM in Rice	1	1	25	2	1	2	1	1	1	16	1
Nayagarh	FW	OFC	SFM	INM in rice	1	1	25	2	1	2	1	1	1	16	1
Nayagarh	FW	OFC	SFM	INM in Maize	1	1	25	2	1	2	1	1	1	16	1
Nayagarh	FW	OFC	CRP	Techniques of roguing in rice for quality seed production	1	1	25	2	1	2	1	1	1	16	1
Nayagarh	FW	OFC	SFM	Use bioinoculants pulses	1	1	25	2	1	2	2	1	1	11	5
Nayagarh	FW	OFC	CRP	Ratoon mgt. in sugarcane	1	2	25	2	1	2	1	1	1	16	1
Nayagarh	FW	OFC	PLP	IPM for fruitfly in cucurbits	1	1	25	4	0	2	0	4	0	13	2

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	PLP	Biological control of sugarcane borers	1	1	25	10	0	2	0	0	0	11	2
Nayagarh	FW	OFC	PLP	IPM for eriophytemite in coconut	1	1	25	3	3	0	0	10	2	5	2
Nayagarh	FW	ONC	PLP	IPM for stem borer, BPH, Gandhi bug & cut worm in rice	2	4	50	0	0	0	0	10	4	32	4
Nayagarh	FW	ONC	PLP	IDM for sheath blight, blast and BLB diseases in rice	1	2	25	0	0	2	1	5	2	9	6
Nayagarh	FW	ONC	PLP	Management of die-back and fruit rot diseases in chilli	1	1	25	5	1	5	0	0	0	13	1
Nayagarh	FW	ONC	PLP	Integrated disease mgt. in vegetable nursery	1	2	25	7	5	3	1	3	0	6	0
Nayagarh	FW	ONC	PLP	IPM for major insect pests in cole crops	1	1	25	2	1	4	1	0	0	15	2
Nayagarh	FW	ONC	PLP	IPM for major sucking pests in oilseed crops	1	2	25	5	0	7	0	0	0	13	0
Nayagarh	FW	ONC	PLP	Integrated disease mgt. for root rot & YMV in pulses	1	1	25	4	0	3	0	8	0	10	0
Nayagarh	FW	ONC	PLP	IPM for fruit & shoot borer in brinjal	1	1	25	8	1	4	2	0	0	10	0
Nayagarh	RY	ONC	PLP	Safe & judicious use of pesticides	1	3	20	0	0	5	0	4	0	11	0
Nayagarh	RY	ONC	PLP	Beekeeping	1	5	20	0	0	4	2	5	2	6	1
Nayagarh	IS	ONC	PLP	Use of bio pesticides and botanicals for pest management in organic farming	1	3	25	5	0	2	0	4	0	9	5
Nayagarh	FW	OFC	HOF	Planting techniques in mango	1	1	25	15	0	5	3	2	0	0	0
Nayagarh	FW	OFC	HOS	Raised bed method of turmeric planting	1	2	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	IS	ONC	HOF	Rejuvenation of old mango tree	1	2	25	5	0	3	0	2	0	12	3
Nayagarh	RY	ONC	HOV	Raising of Vegetable Nursery in low cost polytunnel	1	2	20	5	0	3	2	0	2	8	0
Nayagarh	FW	OFC	HOV	Nutrient management in arrowroot	1	2	25	5	0	3	0	2	0	11	4
Nayagarh	FW	OFF	HOO	Improved technology of kharif marigold planting	1	1	25	12	3	5		3	2	0	0
Nayagarh	RY	ONC	HOF	Quality planting material production in fruit crops	1	3	20	5	5	2	4	2	2	0	0
Nayagarh	FW	OFC	HOF	Production technology for raising Tissue Cultured Banana.	2	2	50	20	4	0	0	10	4	12	0
Nayagarh	FW	ONC	HOV	Mulching in tomato	1	1	25	8	2	0	0	2	2	5	6
Nayagarh	FW	OFC	HOV	Nutrient Management in brinjal	1	2	25	7	3	0	0	3	3	5	4
Nayagarh	FW	OFC	HOF	Control of fruit drop in mango	1	1	25	7	3	0	0	5	5	3	2
Nayagarh	FW	OFC	HOV	Nutrient management in pointed gourd	1	1	25	5	5	2	2	5	5	1	0
Nayagarh	FW	OFC	HOV	Use of growth regulators in vegetable crops	1	1	25	5	5	3	3	2	2	5	0
Nayagarh	FW	ONC	WOE	Location specific drudgery reduction technologies	1	1	25	0	4	0	2	0	0	0	18
Nayagarh	FW	OFC	WOE	Commercial cultivation in rice straw mushroom	2	4	25	0	0	0	2	0	1	0	20
Nayagarh	FW	OFC	WOE	Commercial cultivation in rice straw mushroom	1	2	25								
Nayagarh	FW	OFC	WOE	Value addition on Arrow root	1	2	25	0	7	0	3	0	2	0	13
Nayagarh	FW	OFC	WOE	Oyster mushroom cultivation	1	1	25	0	5	0	5	0	0	0	15
Nayagarh	RY	ONC	WOE	Value Addition of Cashew	1	2	20	0	4	0	3	0	2	0	11



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
				Apple											
Nayagarh	RY	ONC	WOE	Cultivation of off season rice straw mushroom	1	2	20	0	4	0	1	0	3	0	12
Nayagarh	IS	ONC	WOE	Spawn production technology	1	1	25	0	9	0	4	0	0	0	12
Nayagarh	FW	OFC	FIS	<i>Pangasius</i> culture	1	1	25	15	0	10	0		0	0	0
Nayagarh	FW	OFC	FIS	Natural food production in fish pond	1	1	25	15	0	5	0	5	0	0	0
Nayagarh	FW	OFC	FIS	Feed preparation and Feeding management in fish pond	1	1	25	10	0	5	0	5	0	5	0
Nayagarh	FW	OFC	FIS	Composite fish culture	2	2	50	10	0	10	0	0	0	30	0
Nayagarh	FW	OFC	FIS	Water quality management in fish pond	1	1	25	5	0	2	0	0	0	18	0
Nayagarh	FW	OFC	FIS	Poultry based farming system	1	1	25	5	0	10	0	10	0	0	0
Nayagarh	FW	OFC	FIS	Fish disease management	1	1	25	5	0	10	0	10	0	0	0
Nayagarh	FW	OFC	LPM	Feeding management for cross bred cow	1	1	25	0	10	0	10	0	5	0	0
Nayagarh	FW	OFC	LPM	Backyard poultry	1	1	25	0	10	0	10	0	5	0	0
Nayagarh	FW	ONC	FIS	Azolla production	1	2	25	5	0	10	0	5	0	5	0
Nayagarh	RY	ONC	FIS	Yearlings production practices	1	2	20	10	0	5	0	5	0	5	0
Nayagarh	RY	ONC	FIS	Ornamental fish culture for livelihood	1	2	20	0	10	0	10	0	0	0	0
	IS	ONC	FIS	Freshwater prawn culture	1	2	25	5	0	5	0	5	0	5	0
Nayagarh	FW	ONC	AGF	Medicinal plants identified for the district, their uses and cultivation	2	2	50	20	10	0	0	0	0	10	10
Nayagarh	FW	OFF	AGF	Significance of Cassava cultivation, its uses and planting in Agroforestry systems	1	1	25	10	0	5	0	0	0	10	0
Nayagarh	FW	OFF	AGF	Importance of Rainwater	1	1	25	10	0	0	0	0	0	15	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
				Harvesting and its various approaches											
Nayagarh	FW	OFF	AGF	Benefits of growing black pepper as an intercrop in Mango orchards	1	1	25	5	0	0	0	0	0	20	0
Nayagarh	FW	OFF	AGF	Growing Pippali for additional income	1	1	25	5	0		0	0	0	20	0
Nayagarh	RY	ONC	AGF	Leaf plate making using sal and siali leaves	1	2	20	0	0	5	5	5	5	3	2
Nayagarh	FW	OFF	AGF	Collection and processing of Non Timber Forest Produce viz.,mahua seeds and fruits, myrobalans, teak seeds, char seeds etc	1	2	25	0	0	5	5	5	10	0	0
Nayagarh	IS	ONC	AGF	Agroforestry models(ON)	1	2	25	0	0	0	0	0	0	25	0
Nayagarh	FW	OFC	AGF	Value addition of cassava	1	1	25	0	5		5	0	0	0	15
Nayagarh	FW	OFC	AGF	Bamboo as an component in IFS and its propagation methods	1	1	25	5	0	5	0	5	0	10	0
Nayagarh	FW	ONC	CBD	Formation of SHG & their role	1	1	25	2	1	2	1	1	1	16	1
Nayagarh	FW	OFC	CBD	Weed mgt. in rice	1	2	25	2	1	2	1	1	1	16	1
Nayagarh	FW	OFC	CBD	Improved Agricultural Implements for tillage operation in rice crop	1	2	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	16	1
Nayagarh	FW	ONC	CBD	ITK in agriculture	1	2	25	6	0	2	0	1	0	14	1
Nayagarh	FW	OFC	CBD	Scientific method of pulse production	2	1	50	12	0	4	0	1	0	28	2
Nayagarh	IS	ONC	CBD	Agro entrepreneurship development	1	1	25	1	1	2	1	1	1	15	3
Nayagarh	FW	OFC	CBD	Market led extension	1	1	25	2	1	2	1	1	1	16	1
Nayagarh	RY	ONC	CBD	Leadership development	1	1	20	2	0	2	1	1	1	12	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
				for community work											
Nayagarh	FW	OFC	CBD	Improved Agricultural Implements for Sowing & Planting in Rabi Crops	1	2	25	2	1	2	1	1	1	16	1
Nayagarh	FW	OFC	CBD	Co-operative and contract farming	1	1	25	2	1	2	1	1	1	16	1
Nayagarh	FW	OFC	CBD	ITK in agriculture	1	1	25	2	1	2	1	1	1	16	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	MPTs their uses, planting and planting material production	MPTs	Agro Forestry	3	2	0	1	0	12	5
Nayagarh	Entrepreneurship development in ornamental fish	ornamental fish	Unemployed rural youths and school dropouts	5	3	7	4	0	6	0
Nayagarh	Bee Keeping	Apiculture	Income Generation	5	2	3	5	3	5	2
Nayagarh	Quality planting material production of fruit crops	Mango, lime, guava	Income generation	3	4	2	2	2	5	5
Nayagarh	Value addition of Foods & Vegetables	Value addition	Income generation	7	0	4	0	2	0	14

**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	Entrepreneurship development in ornamental fish	Hatchery	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/R Y/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 5.6 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/R Y/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				
			Before	After	Before	After	Before	After	1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income				
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	15	0	86	18	17	5	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			
	persons											
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							
Nayagarh	Pulses							
Nayagarh	Greenmanure	Dhanicha	-	TL	1.2qtl	TL	7800	24
Nayagarh								
Nayagarh								
Nayagarh								
Nayagarh								
Nayagarh								

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								
Nayagarh								
Nayagarh								
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	
Nayagarh	Forest tree species	Teak	Jan-Feb	July-Aug		Teak	Seedlings	2500	3000	7500	-
Nayagarh	Forest tree species	Mangium	Jan-Feb	July		Mangium	Seedlings	1500	3000	4500	-
Nayagarh	Forest tree species	Bamboo	May-June	Aug-Sept		Bamboo	Vegetative propagated materials	500	1000	1500	-
Nayagarh	Vegetable seedling	Tomato	Kharif & Rabi	Kharif & Rabi		Hybrids	Seedlings	15000	5000	15000	-
Nayagarh		Brinjal					Seedlings				-
Nayagarh		Onion					Seedlings				-
Nayagarh		Cauliflower					Seedlings				-
Nayagarh		Cabbage					Seedlings				-
Nayagarh		Capsicum					Seedlings				-
Nayagarh	Horticultural Plant	Drumstick				PKM 2	Saplings	500	500	1750	-
Nayagarh		Papaya				Ranchi dwarf, Red lady	Saplings	500	2000	3000	-
Nayagarh		Lime				Local	Saplings	100	900	1200	-
Nayagarh		Mango				Amrapalli	Saplings	3000	33000	58500	-
Nayagarh	Vermicompost		Round the year					2MT	2500	15000	-
	Ornamental flowers	Marigold Gladioli					Seedlings	1000 200	500	1000	-
	Mushroom cultivation	Rice straw	March-Oct				Mushroom	3.2qtl	20500	25600	-
		Oyster	Nov-Feb					Mushroom	3.2qtl	11520	14400

## 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	2500	15000	Increases WHC, Porosity and organic carbon content of the soil
Nayagarh	BIO PESTICIDES (Vermiwash)	100 ltrs	5000	10000	Low cost, Eco-friendly, Farmers driven easy method for controlling various pests and diseases of diff. crops

#### 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 nos	75000	90000	Fast growing/ High egg production, backyard poultry
Nayagarh	Fisheries	Ornamental fish	Live bearer	1000 nos			
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/ST Participants		
					Male	Female	Total	Male	Female	Total
Nayagarh										
Nayagarh										
Nayagarh										

## 10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	
Nayagarh				
Nayagarh	300	49,500	500	INM, IWM, IPM, Introduction of new varieties/ breeds
Nayagarh				

## 11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members to be attended	Major recommendations
Nayagarh	01	22	
Nayagarh			
Nayagarh			

## 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		Quarterly	500	500
Nayagarh		Quarterly	500	500
Nayagarh		Quarterly	500	500
Nayagarh		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	IPM in Maize	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	7		Annually	A.Panda.S.Sahu,A.M.Prusty	204
News paper coverage	115			T. Badjena	1,00,000
<b>Year Planner</b>	1	1 <sup>st</sup> April, 2013	Annually	Mrs. Shelly Dash	34



### 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	2 lakhs	Pulse Research Developments	Farmers field	-
Nayagarh	MNREGA	-	-	-	-	-
Nayagarh	NHM	-	-	-	-	-
Nayagarh	RKVY	-	-	-	-	-
Nayagarh	DRDA	-	-	-	-	-
Nayagarh	Zila Panchyat	-	-	-	-	-
Nayagarh	Seed Village	State	-	Certified seed production	Farmers field	-
Nayagarh	NAIP	-	-	-	-	-
Nayagarh	Climate Change	-	-	-	-	-
Nayagarh	Others (Plz. Specify)	-	-	-	-	-

### 14. Utilization of Farmers Hostel. : Under Construction

Accommodation available (No. of beds):

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							
Nayagarh							
Nayagarh							

### 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					
Nayagarh					
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

### 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. Sumanta Sundaray	Manually Operated Trolley	Manapur. (M) 7504562566
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	May, 2013	100
2	Oct, 2013	100

**19. Outreach of KVK**

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Nayagarh	8	8	51	98

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			
	Nayagarh			
	Nayagarh			

### 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	2	100	Prospects of off- season vegetable cultivation, IPM
Nayagarh	Exhibition	1	100	Scientific technology on various crop & livestock
Nayagarh	Film show	5	200	IPM, IDM, INM, IWM, mushroom cultivation, vermin-composting, varietal diversification & drudgery reduction
Nayagarh	Soil health Awareness campaign	2	100	-
Nayagarh	Road show	1	-	Latest Scientific technology
Nayagarh	Diagnostic Practical's	-	-	-

Nayagarh	Distribution of Literature (No.)	1	40	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	-	-	-

## 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	<b>Total</b>		

**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		
	Nayagarh			
	Nayagarh			

**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
<b>Seedlings</b>				
Nayagarh				
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				

**Vermis Produced**

Name of KVK	Vermis Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Nayagarh				
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	30437808474	1,33,975	-	-

### 31. Awards & Recognitions

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

### 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)