



ANNUAL ACTION PLAN

2014

KRISHI VIGYAN KENDRA, NABARANGAPUR

**ORISSA UNIVERSITY OF AGRICULTURE & TECHNOLOGY
BHUBANESWAR.**

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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 2014

1) Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1st April, 2012 to 31st March 2013 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 – 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	15	75			
	FLDs – Oilseeds (activity in ha)	10	40			
	FLDs – Pulses (activity in ha)	10	40			
	FLDs – Cotton (activity in ha)	-				
	FLDs – Other than Oilseed and pulse crops(activity in ha)	15	85			
	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	6	50			
	Training-Farmers and farm women	57	1425			
	Training-Rural youths	11	275			
	Training- Extension functionaries	9	135			
	Extension Activities	810	3300			
	Seed Production (Number of activity as seeds in quintal)	35				
	Planting material ((Number of activity as quantity of planting material in quintal)	50000	600			
	Seedling Production (Number of activity as number of seedlings in numbers)	40000	400			
	Sapling Production (Number of activity as number of sapling in numbers)	10000	200			
	Other Bio- products (No. of quantity) vermicompost in Qt	10 .0	35			
	Live stock products Poultry banaraja no	600	60			
	Activities of Soil and Water Testing Laboratory	800	450			
	Rainwater Harvesting System	-				
	Kisan Mobile Advisory (KVK-KMA)	150	500			
	SAC Meeting (Date & no. of core/ official members)	1	30			
	Literature to be Developed/Published	4	2000			
	Convergence programmes / Sponsored programmes	2	100			

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	
	Utilization of Farmers Hostel	-	-			
	Utilization of Staff Quarters	5	5			
	Details of KVK Agro-technological Park	-				
	Crop Cafeteria-					
	Farm Innovators- list of 10 farm innovators from the District	10	10			
	Status of Revolving Funds (seed production programme in ha)	3.5				
	Awards and Recognitions	3	3			
	Case study / Success Story to be developed	2	2			
	KVK Progressive Farmers interaction	2	60			
	Outreach of KVK in the District (No. of blocks, no. of villages)	6/165	6000			
	Technology Demonstration under Tribal Sub Plan	-	-			
	KVK Ring	3				
	Important visitors to KVK	15	15			
	Status of KVK Website (developed)	1	1			
	Status of RTI	-	-			
	E-connectivity	-	-			
	Details of Technology Week Celebrations	1	375			
	Interventions on Drought Mitigation	4	300			
	Proposal of NAIP	-				
	Proposal of NICRA	-				
	Well labeled photographs	100	-			
	Other Activities	-	-			

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Nabarangpur	Programme Coordinator	Dr. D.V. Singh	Extension	P.hD..(Ag. Extn.)	Agriculture Extension	15,600-39,100	15,600	07.09.12	Permanent	Other
Nabarangpu	Subject Matter Specialist1	T.L.Mohanty	Forestry	M.Sc.(Forestry)	Forestry	15,600-39,100	19,810	5. 7. 11	Permanent	Other
Nabarangpu	Subject Matter Specialist2	Lata Mallick	Soil Science	M.Sc. (Soil Sc.)	Soil Science	15,600-39,100	17,610	26.10.09	Permanent	SC
Nabarangpur	Subject Matter Specialist4	Dr. B.K. Pani	Plant Protection	P.hD. (Plant Pathology)	Plant Protection	15,600-39,100-	16,920	26.03.11	Permanent	Other
Nabarangpu	Subject Matter Specialist5	VACANT	-	-	-	-	-	-	-	-
Nabarangpu	Subject Matter Specialist6	VACANT	-	-	-	-	-	-	-	-
Nabarangpu	Programme Assistant	Sefali Rout	Forestry	M.Sc.(Forestry)	Forestry	9300-34,000	9,300	-	Permanent	Other
Nabarangpur	Farm Manager	R.S . Mishra	Plant Pathology	M.Sc. (Ag) PP	Plant Protection	9300-34,000	9,710	21.09.2011	Permanent	Other
Nabarangpu	Computer Programmer	Sk. Samsul Hoda	Computer Science	M.C.A.	Computer Science	9300-34,000	12,430	30.01.06	Permanent	Other
Nabarangpu	Accountant / superintendent	VACANT	-	-	-	-	-	-	-	-
Nabarangpu	Stenographer	VACANT	-	-	-	-	-	-	-	-
Nabarangpur	Driver	Janmejaya Sahoo	-	B.A.	-	5,200-20,200	5870	25.07.08	Permanent	Other
Nabarangpu	Driver	VACANT	-	-	-	-	-	-	-	-
Nabarangpu	Supporting staff	Gajendra Pradhan	-	9 th	-	4,440-7,440	4990	02.08.08	Permanent	Other
Nabarangpu	Supporting staff	Bharat Jena	-	9 th	-	4,440-7,440	4990	30.07.08	Permanent	Other

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

A. GEOGRAPHICAL AREA OF NABARANGPUR

Total Cultivated Area	:	490,000 ha
Longitude	:	81°52' to 82°53' E
Latitude	:	19°9' to 20°5' N

Land Area (000')ha									
Sl.No	Forest Area	Misc. tree & Groves	Permanent Pasture	Culturable waste	Non agricultural use	Barren & Un culturable land	Current fallow	Other fallow	Net Sown Area
1	246	13	8	15	44	9	2	8	184

B. CENSUS (2011) OF NABARANGPUR

Population in 000' Nos.									
Sl. No	Male	Female	Total	S.C	S.T	Families below poverty line	Population Density/Km ²	Population Decadal Growth	Literacy rate(%)
1	604	614	1218	144	564	246	230	18.8	48.2%

C. AREA , PRODUCTION AND PRODUCTIVITY OF MAJOR CROPS IN THE NABARANGPUR DISTRICT

Sl. No	Crop	A-Area in (*000ha)	P-Production in (*000 Mts)	Y-Yield rate in kg/ha
1	MAIZE	52.16	214.02	4103
2	PADDY	160.9	218.3 (Rice)	2025
3	ARHAR	3.16	1.69	535

4	BLACK GRAM	8.7	2.96	338
5	RAGI	4.55	4.06	892
6	Groundnut	0.99	1.29	1303
7	Horse Gram	5.04	2.2	436

1.3. DETAILS OF ADOPTED VILLAGE during 2014 (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)
Nabarangpur	B.S. Paddar	2011	Jharigaon	40	555	165
Nabarangpu	Saraguda	2011	Dabugaon	34	450	140
Nabarangpu	Majhiguda	2011	Dabugaon	38	420	185
Nabarangpur	Burja	2012	Umerkote	12	340	120
Nabarangpur	Ekamba	2012	Jharigan	18	386	78

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

KVK Name	THRUST AREA
Nabarangpur	Ensure food security of resource poor during lean season
Nabarangpur	Value addition in Maize grain , vegetables & NTFPs
Nabarangpur	Improvement of productivity/income in paddy & maize based cropping system
Nabarangpur	Promotion of off season vegetable cultivation
Nabarangpur	Management of Insect , Pest & Diseases of field crops and vegetables
Nabarangpur	Promotion of non land based enterprises
Nabarangpur	Sustainable Agriculture through NRM
Nabarangpur	Developing suitable Integrated farming system models
Nabarangpur	Improvement of income from small farm ponds
Nabarangpur	Improvement of productivity of sugarcane
Nabarangpur	Promotion of Lac culture

Nabarangpur	Backyard poultry rearing with improved breeds of poultry
Nabarangpur	Pond based farming system
Nabarangpur	Crop substitution & cropping system
Nabarangpur	Soil and water conservation
Nabarangpur	Agro forestry development
Nabarangpur	Pest and disease management
Nabarangpur	Farm mechanization
Nabarangpur	Soil reclamation and use of micro nutrients
Nabarangpur	Self employment through entrepreneurship development.

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Nabarangpur	Low yield of paddy due to local variety and incidence of blast, stem borer and leaf folder	PRA Survey , Diagnostic field visit , Group meeting ,	Village- Chingudigda, Block- Umerkote
Nabarangpur	Low income from vegetables due to pest incidence	PRA Survey , Diagnostic field visit , Group meeting , Farmers-Scientist Interaction	Village- Gauntia guda Block- Umerkote
Nabarangpur	Low yield of solanaceous vegetables due to leaf curl virus, wilt, fruit & shoot borer and nutrient deficiency	PRA Survey , Diagnostic field visit , Group meeting ,	Village- Chingudigda, Block- Umerkote
Nabarangpur	Low body weight gain of small ruminants and poultry due to local breeds	PRA Survey , Diagnostic field visit , Group meeting ,	Village- saraguda , Block- Umerkote
Nabarangpur	Lack of suitable income/employment opportunities for landless	PRA Survey , Diagnostic field visit , Group meeting , Farmers-Scientist Interaction	Village-Ekamba, Block- Umerkote
Nabarangpur	Under utilization of natural resources	PRA Survey , Diagnostic field visit , Group meeting , Farmers-Scientist Interaction	Village- sankumari , Block- Umerkote

Nabarangpur	Low productivity of uplands due to land degradation leading to low organic matter content of the soil	PRA Survey , Diagnostic field visit , Group meeting , Farmers-Scientist Interaction	Village- Chingudigda, Block- Umerkote
Nabarangpur	Low yield of maize due to soil degradation and terminal drought, indiscriminate use of chemical fertilisers	PRA Survey , Diagnostic field visit , Group meeting , Farmers-Scientist Interaction	Village- sankumari , Block- Umerkote Village - Lambibeda Block –Jharigaon
Nabarangpur	Under utilization of available space in farm ponds	PRA Survey , Diagnostic field visit , Group meeting ,	Village - Lambibeda Block –Jharigaon
Nabarangpur	Low yield due to traditional variety and red rot disease in sugar cane and pest incidence	PRA Survey , Diagnostic field visit , Group meeting ,	Village- Chingudigda, Block- Umerkote
Nabarangpur	Low income from lac culture	PRA Survey , Diagnostic field visit , Group meeting , Farmers-Scientist Interaction	Village - Simla Block –Jharigaon
Nabarangpur	Low body weight gain of small ruminants and poultry due to local breeds	PRA Survey , Diagnostic field visit , Group meeting , Farmers-Scientist Interaction	Village- sankumari , Block- Umerkote
Nabarangpur	Lack of suitable income/employment opportunities for landless farmers	PRA Survey , Diagnostic field visit , Group meeting ,	Village - Lambibeda Block –Jharigaon
Nabarangpur	Under utilization of natural resources	PRA Survey , Diagnostic field visit , Group meeting , Farmers-Scientist Interaction	Village -Burja Block –Jharigaon
Nabarangpur	Low productivity of uplands due to land degradation leading to low organic matter content of the soil	PRA Survey , Diagnostic field visit , Group meeting , Farmers-Scientist Interaction	Village - Lambibeda Block –Jharigaon
Nabarangpur	Low yield of maize due to soil degradation and terminal drought	PRA Survey , Diagnostic field visit , Group meeting ,	Village - Lambibeda Block –Jharigaon
Nabarangpur	Drudgery of farm women in on and off farm operation	PRA Survey , Diagnostic field visit , Group meeting ,	Village- sankumari , Block- Umerkote

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
Nabaranapur	Kharif-13	Low yield of paddy due to incidence of sheath blight	Assessment	IDM	Crop	Rain fed mid land	1.0 ha	05	Assessment of chemicals for management of sheath blight of paddy				
Nabaranapur	Kharif-13	Low yield of paddy due to stem borer attack	Assessment	IPM	Crop	Rain fed mid land	1.0 ha	05	Assessment of IPM technology for management of stem borer in paddy				
Nabaranapur	Rabi 2013-14	Low yield of cabbage due to DBM attack	Assessment	IPM	Crop	Irrigated mid land	1.0 ha	05	Assessment of non-chemical methods for management of DBM in cabbage				
Nabaranapur	Rabi 2013-14	Low yield of tomato due to wilt	Assessment	IDM	Crop	Irrigated mid land	1.0 ha	05	Assessment of <i>Trichoderma viride</i> for management of tomato wilt				
Nabaranapur	Kharif-13	Low yield due to delay in manual weeding	Assessment	Weed Management	Paddy	Rain fed mid land	1.0	5	Assessment of Pretilachlor for weed management in paddy				
Nabaranapur	Kharif-13	Low yield of traditional scented paddy variety	Assessment	Varietal Evaluation	Paddy	Rain fed mid	1.0	5	Assessment of high yielding scented paddy variety Nua Kalajira				

						land							
Nabaranapur	Rabi-2013-14	Low yield due to no use of INM	Assessment	INM	Maize	Irrigated upland	1.0	5	Assessment of INM in Maize				
Nabaranapur	Rabi -13-14	Low yield due to heavy infestation of weed	Assessment	Weed management	Onion	Irrigated upland	1.0	5	Assessment of Oxyflurofen for control of weeds in Onion				
Nabaranapur	Kharif-13	Low yield due to imbalance fertilizer application	Assessment	INM	Cabbage	Rainfed upland	1.0	5	Assessment of Calcium Nitrate application in Cabbage				
Nabarangpur	Kharif-13	Low yield due to no use of Bio-fertilizer	Assessment	INM	Brinjal	Rainfed upland	1.0	5	Assessment of Bio-fertilizer application in Brinjal				
Nabarangpur	Rabi -13-14	Low yield due to imbalance fertilizer application	Assessment	INM	Bitter gourd	Irrigated Mid land	1.0	5	Assessment of vermicompost with 50% RDF application on Bitter gourd				
Nabarangpur	Rabi -13-14	Low yield due to non use of lime & Bio-fertilizer	Assessment	INM	Tomato	Irrigated Mid land	1.0	5	Assessment of INM in Tomato				
Nabaranapur	Kharif-13	Low yield of local variety	Assessment	Varietal Evaluation	Onion	Rainfed Mid land	0.4	5	Assessment of HYV Onion – Vima Super				
Nabaranapur	Kharif-13	Low yield due to adoption of local variety	Assessment	Varietal Evaluation	Ginger	Rain Mid land	0.4	5	Assessment of Ginger variety Suprava				
Nabaranapur	Rabi -13-14	Drudgery of farm women	Assessment	Drudgery	Enterprise	-	5	5	Assessment of Ground Nut Stripper for Drudgery				

		Manual method consumes more time and labour		reduction						Reduction				
Nabarangpur	Kharif-13	Low productivity per unit area, keeping tree alleys fallow in the initial years	Assessment	Integrated Farming System		Rainfed upland	0.4	5		Assessment of Hybrid napier bajra in silvipastoral system				
Nabarangpur	Kharif-13	Low productivity per unit area, keeping tree alleys fallow in the initial years	Assessment	Integrated Farming System		Rainfed upland	0.4	5		Assessment of Ginger in Alley cropping				
Nabaranpur	Kharif-13	Non use of Ber plant for lac cultivation	Assessment	ICM	Lac cultivation	NTFP	5 trees	5		Assessment of Kusumi Lac Cultivation (Aghani)				
Nabarangpur	Rabi-13-14	Low Low productivity per unit area, keeping tree alleys fallow in the initial years	Assessment	Integrated Farming System		Rainfed upland	0.4	5		Assessment of Ragi in Agrisilvicultural system				

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)		FP (T ₁)	RP (T ₂)		FP (T ₁)	RP(T ₂)		FP (T ₁)	RP (T ₂)	

3. Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years (upto 2011-12)

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
Nabarangpur	Brinjal	IDM	i. Seed treatment with Vitavax Power @ 2g/kg of seeds ii. Spraying of Copper oxychloride (50 WP) @ 0.3 % 2 times at 10-15 days interval for management of Phomosis blight	Demonstration Field days, training, extension literature, film shows	10	25	30
Nabarangpur	Arhar	IPM	Application of Chlro Pyriphos + Cypermethrin @ 2 ml / lit for control of Heliothis pod borer	Demonstration Field days, training, extension literature, film shows	5	11	8
Nabarangpur	Onion	IPM	i. Seed treatment with Imidacloprid @5g/Kg of seeds ii. Spraying Acetamiprid @ 1g/litre and	Demonstration Field days, training, extension literature, film shows	8	15	18

			Multineem@5ml/litre alternatively at 15-20 days interval for Management of onion thrips				
Nabarangpur	Blackgram	IDM	Management of powdery mildew of black gram by sulphur fungicide (Spraying of Sulfex @ 0.4 %, 2-3 times at 12 days interval	Demonstration Field days, training, extension literature, film shows	6	15	17
Nabarangpur	Paddy	ICM	Use of hybrid paddy variety Ajay at a seed rate of 15kg/ha	Demonstration Field days, training, extension literature, film shows	5	25	28
Nabarangpur	Maize	Weed management	Pre-emergence application of Atrazine 50% WP @ 1kg/ha and hand weeding at 21 DAS	Demonstration Field days, training, extension literature,	6	15	28
Nabarangpur	Paddy	INM	Application of Soil test based fertilizers along with application of ZnSo ₄ 25kg/ha	Seed village, Demonstration, Field days, training, extension literature	12	50	60
Nabarangpur	Cauliflower	INM	Application of FYM @ 5t/ha , Boron 5kg/ha as basal dose with RDF and spraying of Multi micronutrient complex @ 3g/lit at 25 and 45DAT	Field days, training, extension literature, film shows	8	24	12
Nabarangpur	Eucalyptus	Production Technology	Elite seedlings will be planted (2m x 2m) followed by tending operations	Field days, training, extension literature, film shows	15	60	70
Nabarangpur	Bamboo	Production Technology	Planting material from double noded cutting	Input linkage, Demonstration Field days, training, extension literature	5	15	15

3.2 Details of FLDs to be implemented during 2014

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep - No.	Name of Variety Entreprizes	Results (q/ha)		% chang e	No. of farmers				
							Dem ons	Check		SC	ST	OBC	Others	Total
Nabarangpur	IDM	Paddy	Kharif, 2013	i)Seed treatment with Tricyclazole @ 2gm / kg seed ii)Spraying tricyclazole @ 0.6 g/ litre, 2-3 times at 10-15 days interval	1.0	MTU-1010	-	-	-	-	-	-	-	-
Nabarangpur	IPM	Maize	Kharif, 2013	Spraying cartap hydrochloride @ 2g/litre alternatively with multineem @ 5 ml/litre at 10-15 days interval	1.0	900M Gold	-	-	-	-	-	-	-	-
Nabarangpur	IDM	Black gram	Rabi, 2013-14	i)Installation of yellow trap @ 20/ha ii)Alternate spray of neem based pesticide@ 1.5 litre/ha and Thiamethoxam @ 100 g/ha	1.0	B 3-8-8 (Prasad)	-	-	-	-	-	-	-	-
Nabarangpur	Mushroom	Enterprise	Rabi, 2013-14	Cultivation of oyster mushroom in chopped straw from paddy straw bundles in 60 cm X 40 cm cylindrical polythene bags with layer spawning	5nos	<i>Pleurotus sajor-caju</i>	-	-	-	-	-	-	-	-
Nabarangapur	ICM	Maize+ Pigeon pea	Kharif- 13	Intercropping of Maize with pigeon pea at 2:2 with row distance of intercrop of 30cm , set specification – 30-90-30cm	1.0	Maize: CP-818 , Pigeonpea: Upas-1	-	-	-	-	-	-	-	-

Nabarangpur	ICM	Paddy	Kharif-13	Hybrid rice variety 'Ajay' with spacing of 20X20cm with seed rate of 15kg/ha, 120:60:60kg NPK /ha	1.0	Ajay	-	-	-	-	-	-	-	-
Nabarangpur	INM	Paddy	Kharif-13	Application of soil test based fertilizer along with soil application of ZnSO ₄	1.0	MTU-1010	-	-	-	-	-	-	-	-
Nabarangpur	INM	Paddy	Rabi-13-14	Use of Micronutrients Boron/Zinc in paddy. Twice foliar application of Boron (0.15% and Zinc 0.25%) before and after flowering at 7 days interval	1.0	MTU-1010	-	-	-	-	-	-	-	-
Nabarangpur	INM	Maize	Kharif-13	Application of FYM @ 2.5 t/ha with 80:40:40 kg/ha NPK with basal application of full FYM + 500 ml Azospirillum +500 ml PSP + full P & K + 25% Nitrogen	1.0	BIO-9681	-	-	-	-	-	-	-	-
Nabarangpur	Vermicompost	Vermicomposting	Kharif-13	Earthworm species (<i>Eudrilus Euginae</i>) and cement pit (10'X3'X2')	5	-	-	-	-	-	-	-	-	-
Nabarangpur	Weed management	Tomato	Rabi-13-14	Spraying metriguzin @ 0.5kg a.i.. per ha. 4DAT with 1 hand weeding at 30 DAT	1.0	BT-10	-	-	-	-	-	-	-	-

Nabarangpur	INM	Cabbage	Rabi-13-14	Application of FYM 5t/ha at the time ploughing followed by foliar spray of Boron @ 3g/lit of water at 30 & 45 DAP with recommended dose of fertilizer	1.0	Local (Rear ball)	-	-	-	-	-	-	-	-
Nabarangpur	Evaluation of Breeds	Poultry	Rabi 13-14	Back yard Poultry rearing -Banaraj	20	Banaraja	-	-	-	-	-	-	-	-
Nabarangpur	Household food security	Sesonal vegetables	Rabi-13-14	Nutritional Garden , plot size-10cent , developing crop schedule on rotation basis , layout of nutritional garden with crop management	0.5	HYV and local vegetables	-	-	-	-	-	-	-	-
Nabarangpur	ICM	Tomato	Rabi-13-14	Cultivation of wilt resistance variety of tomato variety Utkal Raja, spacing 60X45 cm , FYM 5t/ha ,RDF 120:75:100 kh/ha NPK	1.0	Utkal Raja	-	-	-	-	-	-	-	-
Nabarangpur	ICM	Colocassia	Kharif-13	Cultivation of HYV Muktakeshi	0.5	Muktakeshi	-	-	-	-	-	-	-	-
Nabarangpu	Varietal Evaluation	Papaya	Kharif -13	Cultivation of hybrid papaya var-Surya Spacing 2.5 m X 2.5 m , FYM 15 kg/plant with 250:200;200 NPK g/plant/yr	1.0	Hybrid-Surya	-	-	-	-	-	-	-	-

Nabarangapur	Agro forestry	Turmeric in tree alley	Kharif-13	Alley cropping of Turmeric under canopy of tree alleys having sun-shade ratio 80:20 (Teak)	0.5	Surama, And Teak Stump	-	-	-	-	-	-	-	-
Nabarangapur	Farm forestry	Eucalyptus	Kharif-13	Eucalyptus seedling of clone origin is to be planted (2 m X 2m) in upland followed by tending operations	1.0	E.hybrid	-	-	-	-	-	-	-	-
Nabarangapur	ICM	Bamboo	Kharif-13	Flute Method Of bamboo Propagation Use of pre sprouted Double noded Culm cuttings.	0.5	Sundar kani <i>Bambusa Vulgaris</i>	-	-	-	-	-	-	-	-
Nabarangapur	Agro forestry	Cowpea in tree alley	Kharif-13	Alley cropping of cowpea under canopy of tree alleys	0.5	Utkal manik	-	-	-	-	-	-	-	-

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
Nabarangpu													
Nabarangpu													
Nabarangpu													
Nabarangpu													

3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Nabarangpur	Paddy	Field days	1	20	-
		Farmers Training	1	25	-
		Media coverage	-	-	-
		Training for extension functionaries	-	-	-
Nabarangpur	Maize	Field days	1	20	-
Nabarangpur		Farmers Training	1	25	-
Nabarangpur		Media coverage	-	-	-
Nabarangpur		Training for extension functionaries	-	-	-
Nabarangpur	Blackgram	Field days	-	-	-
Nabarangpur		Farmers Training	1	25	-
Nabarangpur		Media coverage	-	-	-
Nabarangpur		Training for extension functionaries	-	-	-
Nabarangpur	Mushroom	Field days	-	-	-
Nabarangpur		Farmers Training	1	25	-
Nabarangpur		Media coverage	-	-	-
Nabarangpur		Training for extension functionaries	-	-	-
Nabarangpur	Maize+Pigeon pea	Field days	1	20	
Nabarangpur		Farmers Training	2	50	
Nabarangpur		Media coverage	1		
Nabarangpur		Training for extension functionaries			
Nabarangpur	Paddy	Field days	1	20	
Nabarangpur		Farmers Training	2	50	
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries	1	15	
Nabarangpur	Paddy	Field days	1	20	
Nabarangpur		Farmers Training	1	25	

Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries	1	15	
Nabarangpur	Paddy	Field days	1	20	
Nabarangpur		Farmers Training			
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur	Maize	Field days	1	20	
Nabarangpur		Farmers Training	2	50	
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries	1	15	
Nabarangpur	Vermicompost	Field days	1	20	
Nabarangpur		Farmers Training	1	25	
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur	Tomato	Field days	1	20	
Nabarangpur		Farmers Training	1	25	
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur	Tomato	Field days	1	20	
Nabarangpur		Farmers Training	1	25	
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur	Cabbage	Field days	1	20	
Nabarangpur		Farmers Training	1	25	
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur	Poultry	Field days	1	20	
Nabarangpur		Farmers Training	1	25	

Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur	Nutritional Garden	Field days	1	20	
Nabarangpur		Farmers Training	1	25	
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur	Tomato	Field days	1	20	
Nabarangpur		Farmers Training	1	25	
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur	Colocassia	Field days			
Nabarangpur		Farmers Training	1	25	
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur	Papaya	Field days	1	20	
Nabarangpur		Farmers Training			
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur	Turmeric +Tree	Field days	1	20	
Nabarangpur		Farmers Training			
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur	Eucalyptus	Field days	1	20	
Nabarangpur		Farmers Training	1	25	
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur	Bamboo	Field days	1	20	
Nabarangpur		Farmers Training			

Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur	Cowpea+Tree	Field days	1	20	
Nabarangpur		Farmers Training	1	25	
Nabarangpur		Media coverage			
Nabarangpur		Training for extension functionaries			
Nabarangpur					

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	KVK, Nabarangapur	Paddy	Ajay	CRRI, Cuttack	5	1.0
2	KVK, Nabarangapur	Eucalyptus tress	E.Hybrid	Firm, Mangalam Timbers Ltd	5	1.0
3	KVK, Nabarangapur	Maize	CP-818 ,BIO-9681, and 900 M- GOLD	Pioneer seeds , Bio seeds	15	3.0
4	KVK, Nabarangapur	Papaya	Surya	IIHR, Bangalore	5	1.0

4. Feedback System

Group meeting , Farmers-Scientist Interaction , Field visit, interaction with farmers , Ex trainees samelan ,

Discussion with line department officials , Focused d group discussion , Skill Gap Analysis and case study method

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
Nabarangpur	Farmers & Farm women	Group discussion & farmers meeting	12.04.2011 , Saraguda 13.04.2011 , Sankumari, Nuagan	33 and 46 respectively
Nabarangpur	Farmers & Farm women	Group discussion & farmers meeting	26.09.12 , Ekamba 09.10.12 , B.S.padar,saraguda	42 and 27 respectively
Nabarangpur	Rural Youth	Group discussion & Farmers meeting	19.10.12 , Madiaguda,Majhiguda 07.11.12 , Madiaguda,Majhiguda	32 and 45 respectively
Nabarangpur	In- service	ATMA Meeting	12.09.12, Nabarangpur 03.10.12 , Nabarangpur 04.10.12, Nabarangpur	18 , 31 and 27 respectively

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	7	8	9	10	11	12	13	14			
Nabarangapur	FW	ONC	WOE	Azolla cultivation and its supplementation to the mulching cows	1	2	25				4		21		
Nabarangapur	FW	ONC	WOE	Kitchen garden in the backyard for household food	1	2	25				9		16		

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
				security.											
Nabarangapur	FW	ONC	WOE	Paddy straw mushroom cultivation	1	2	25						25		
Nabarangapur	FW	ONC	WOE	Seasonal flower cultivation for income generation by farm women	1	2	25		4		6		15		5
Nabarangapur	FW	ONC	WOE	Oyster mushroom cultivation in various substrate	1	2	25		4		11		10		
Nabarangapur	FW	ONC	WOE	Value addition to vegetable	1	2	25						25		
Nabarangapur	FW	OFC	WOE	Backyard poultry rearing with improved breeds of poultry	1	1	25				3		20		2
Nabarangapur	FW	OFC	WOE	Value addition to maize grain	1	1	25				4		20		1
Nabarangapur	RY	ONC	WOE	Paddy straw mushroom cultivation	1	2	25				14		11		
Nabarangapur	RY	ONC	WOE	Oyster mushroom cultivation in various substrate	1	2	25		4		10		11		
Nabarangapur	IS	ONC	WOE	Oyster mushroom cultivation in various substrate	1	1	15						10	5	
Nabarangapur	FW	ONC	SFM	INM in cereal and millets	1	1	25					20	5		
Nabarangapur	FW	ONC	SFM	Green manuring in rice	1	1	25			6		19			

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Nabarangapur	FW	ONC	SFM	Sulphur application in Oilseed	1	1	25			2		18		5	
Nabarangapur	FW	OFC	SFM	INM in maize	1	1	25			2		16		7	
Nabarangapur	FW	ONC	SFM	INM in Cabbage	1	1	25			2	2	5	7	4	5
Nabarangapur	FW	ONC	SFM	Gypsum application in Groundnut	1	2	25					20		5	
Nabarangapur	FW	OFC	SFM	Bio-fertilizer in Solanaceous crop	1	1	25			5	3	10	3	2	2
Nabarangapur	FW	OFC	SFM	INM in cauliflower	1	1	25					15	7	3	
Nabarangapur	FW	OFC	SFM	INM in Chilli	1	1	25					18	7		
Nabarangapur	FW	ONC	SFM	Use of Bio-fertilizer in Ginger & Turmeric	1	2	25					20	3	2	
Nabarangapur	RY	ONC	SFM	Azolla culture for self employment	1	2	25					20	5		
Nabarangapur	RY	ONC	SFM	Vermicompost preparation for self employment	1	2	25					20	5		
Nabarangapur	IS	ONC	SFM	Micro nutrient application in Maize	1	1	15					5		10	
Nabarangapur	IS	ONC	SFM	Organic farming for sustainable production in crops	1	1	15					5		10	
Nabarangapur	FW	ONC	CP	Management of Acid Soils for sustainable crop production	1	2	25			4		18		3	
Nabarangapur	FW	ONC	CP	Ragi+Arher intercropping	1	1	25			4		16		5	
Nabarangapur	FW	ONC	CP	Weed management	1	1	25			7		15		3	

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Nabarangapur	FW	OFC	CP	technique in rice Weed management technique in Niger	1	1	25			3	2	10	5	3	2
Nabarangapur	FW	OFC	CP	Techniques of seed harvesting and storage in Oilseed crops	1	1	25			2	1	16	4	1	1
Nabarangapur	FW	ONC	CP	Hybrid rice production technology	1	1	25			4	2	13	5	1	
Nabarangapur	FW	OFC	CP	Soil water conservation techniques in hill slope	1	1	25					16	7	3	
Nabarangapur	FW	ONC	CP	Techniques of seed harvesting and storage in pulse crops	1	1	25					16	9		
Nabarangapur	FW	ONC	CP	SRI method of rice cultivation	1	1	25					18	7		
Nabarangapur	FW	ONC	CP	Water management in Groundnut	1	1	25					14	4	3	4
Nabarangapur	RY	ONC	CP	Seed production technique of Toria for self employment	1	2	25					18	7		
Nabarangapur	RY	ONC	CP	Cultivation technique of Niger	1	2	25			5		10	8	2	
Nabarangapur	IS	ONC	CP	Management of Acid soil	1	1	15			5		5		5	

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Nabarangapur	IS	ONC	CP	Management of Acid soil	1	1	15			3		5		7	
Nabarangapur	FW	OFC	CBD	Group Dynamics	2	4	50			10	10	5	20	5	
Nabarangapur	RY	ONC	CBD	Para Extension Workers	1	1	25			5	5	10		5	
Nabarangapur	RY	ONC	CBD	Group Dynamics & Farmers Organisation	1	1	25					5	5	15	
Nabarangapur	IS	ONC	CBD	Gender Mainstreaming through SHG	1	1	15							10	5
Nabarangapur	FW	ONC	AGF	Management of clonal plantation of Eucalyptus	1	1	25			15		10			
Nabarangapur	FW	ONC	AGF	Value addition in Tamarind	1	1	25			3	5	4	13	5	
Nabarangapur	FW	OFC	AGF	Fuelwood security for farmers	1	1	25			8		17			
Nabarangapur	FW	OFC	AGF	Package practices f Teak	1	1	25			10		10		5	
Nabarangapur	FW	ONC	AGF	Wadi model of Agroforestry	1	2	25			8		17			
Nabarangapur	FW	ONC	AGF	Hedge row intercropping	1	1	25			11		14			
Nabarangapur	FW	ONC	AGF	Silvi pastoral system	1	1	25			8		12		5	
Nabarangapur	FW	ONC	AGF	Bamboo propagation through culm cutting	1	2	25			10	4	11			
Nabarangapur	FW	OFC	AGF	Kusumi lac	1	1	25			14		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	7	8	9	10	11	12	13	14			
				cultivation on Kusum tree											
Nabarangapur	FW	ONC	AGF	Medicinal plant cultivation	1	1	25			5		15		5	
Nabarangapur	RY	ONC	AGF	Nursery raising of tree specis.	1	2	25			7	5	10	3		
Nabarangapur	RY	ONC	AGF	Bottom lac preparation fromKusmi lac	1	2	25			8		9	8		
Nabarangapur	IS	ONC	AGF	Lac cultivation on Ber tree	1	1	15					5		10	
Nabarangapur	IS	ONC	AGF	Plants for biodiesel production	1	1	15					7		8	
Nabarangapur	FW	ONC	PLP	Role of seed treatment in higher crop production	1	1	25			10		15			
Nabarangapur	FW	ONC	PLP	Plant protection measures in paddy nursery beds	1	1	25			10		10		5	
Nabarangapur	FW	ONC	PLP	IDM strategy for management of blast and sheath blight diseases in kharif paddy	1	2	25			10		10		5	
Nabarangapur	FW	OFC	PLP	IPM technology for management of stem borer in kharif maize and paddy	1	2	25			10		15			

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Nabarangapur	FW	ONC	PLP	Non-chemical methods of disease-pest management	1	1	25			10		10		5	
Nabarangapur	FW	OFC	PLP	Bio-control of pests and diseases	1	1	25			10		15			
Nabarangapur	FW	OFC	PLP	Proper use and maintenance of plant protection equipments	1	2	25			10		10		5	
Nabarangapur	FW	OFC	PLP	Disease and pest management in vegetable nursery	1	1	25			15		10			
Nabarangapur	FW	OFC	PLP	Post harvest management of diseases and pests	1	2	25			30		20			
Nabarangapur	FW	OFC	PLP	Integrated disease management in pulses	1	1	25			10		15			
Nabarangapur	FW	ONC	PLP	Oyster mushroom cultivation for income generation	1	2	25			10		10	5		
Nabarangapur	FW	ONC	PLP	Management of tomato wilt	1	1	25			10	5	5		5	
Nabarangapur	FW	ONC	PLP	Disease and pest management in cabbage and other	1	1	25			10	15	15	5	5	

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
				cole crops											
Nabarangapur	RY	ONC	PLP	Production and use of different bio-pesticides	1	2	25					15		10	
Nabarangapur	IS	ONC	PLP	Integrated Pest and Disease Management	1	1	15					5		10	
Nabarangapur	FW	ONC	WOE	Azolla cultivation and its supplementation to the mulching cows	1	2	25				5		20		
Nabarangapur	FW	ONC	WOE	Kitchen garden in the backyard for household food security.	1	2	25				10		15		
Nabarangapur	FW	ONC	WOE	Paddy straw mushroom cultivation	1	2	25						25		
Nabarangapur	FW	ONC	WOE	Farm tools for drudgery reduction of farm women	1	1	25				5		15		5
Nabarangapur	FW	ONC	WOE	Seasonal flower cultivation for income generation by farm women	1	2	25		5		5		10		5

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
Nabarangpur	Production and use of different bio-pesticides	Enterprise	Bio-pesticide use	2	10		15	-	-	-
Nabarangpur	Bottom lac preparation from Kusmi lac	Lac cultivation	Lac cultivation	2	8		9	8	-	-
Nabarangpur	Nursery raising of tree specis.	Nursery	Nursery	2	7	5	10	3		
Nabarangpur	Capacity building programmes for Para extension workers	Capacity building programmes	Capacity Building and Group Dynamics	2	10		5		10	
Nabarangpur	Seed production technique of Toria for self employment	Crop	Seed production	2			18	7		
Nabarangpur	Azolla culture for self employment	Crop	Azolla	2			20	5		
Nabarangpur	Vermicompost preparation for self employment	Enterprise	Vermicompost	2			20	5		
Nabarangpur	Paddy straw mushroom cultivation	Enterprise	Mushroom Cultivation	2		4		20		¹
Nabarangpur	Oyster mushroom cultivation in various substrate	Enterprise	Mushroom Cultivation	2		14		11		

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	
Nabarangpur	Back yard poultry	Poultry unit	65	70	30
Nabarangpur	Kusumi Lac cultivation	Plantation Unit	70	160	140
Nabarangpur	Development of agro forestry models in rainfed areas	Agro forestry unit	12	60	70
Nabarangpur	Mushroom cultivation	Mushroom unit	50	50	30

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		
Nabarangpur	Acid soil Management	Soil Health and Fertility Management	SFM	FW	7	21	15		15		20		OUAT	-
Nabarangpur	Water shed management	Capacity Building and Group Dynamics	CBD	FW	3	12	5	10	10	-	25		PD water shed, Dept of soil conservation , govt of Orissa	-

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

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		
Nabarangpur	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	
Nabarangpur	-	-	-	-	-	-	-	-	-

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			
Nabarangpur	Field Day	12										
Nabarangpur	Kisan Mela	2										
Nabarangpur	Kisan Ghosthi	10										
Nabarangpur	Exhibition	2										
Nabarangpur	Film Show	50										
Nabarangpur	Method Demonstrations	30										
Nabarangpur	Farmers Seminar	1										
Nabarangpur	Workshop	1										
Nabarangpur	Group meetings	40										
Nabarangpur	Lectures delivered as resource persons	20										
Nabarangpur	Newspaper coverage	6										
Nabarangpur	Radio talks	6										
Nabarangpur	TV talks	6										
Nabarangpur	Popular Articles	6										
Nabarangpur	Extension Literature	8										
Nabarangpur	Farm Advisory Services	4										
Nabarangpur	Scientific visit to farmers field	60										
Nabarangpur	Farmers Visit to KVK	475										
Nabarangpur	Diagnostic Visits	50										
Nabarangpur	Exposure Visits	4										
Nabarangpur	Ex-trainees Sammelan	10										
Nabarangpur	Soil Health Camp	2										
Nabarangpur	Animal Health Camp	1										
Nabarangpur	Agri Mobile Clinic	1										
Nabarangpur	Soil Test Campaigns	2										
Nabarangpur	Farm Science Club conveners meet	2										
Nabarangpur	Self Help Group conveners meetings	4										

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
Nabarangpur	Cereals	Paddy	Lalat	SD	30	qtl	60000	-
Nabarangpur	Pulses	Pigeon Pea	Asha	SD	15	qtl	111000	-

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	
Nabarangpur	Vegetables	Chilli, Tomato, Brinjal, Onion	May-June			Utkal Ava,BT-10,Green Star,N-53	PM	40000			
Nabarangpur	Plantation crops	Guava	May			local		100			
		Ber	May			local		100			
Nabarangpur	Horticultural crops	Papaya, Drum stick	May			Coorg Honeydew, PKM-1, Allahabad Safeda	PM	1100			
Nabarangpur	Forest species	Eucalyptus	May			E.Hybrid	PM	1000			
		Acasia, Casia,	April			Hybrid	PM	1500			
Nabarangpur		Subabul	May			Local	PM	1000			
Nabarangpur		Kusum	May			Local	PM	100			
Nabarangpur		Bamboo	May			B.Vulgaris	PM	200			
Nabarangpur	Fodder	Napier Grass	May			Hybrid	PM	5000			

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	
Nabarangpur	BIOAGENTS				
Nabarangpur	BIOFERTILIZERS 1 Vermi compost 2 Vermin	10.0 qtl 2000 nos	5000 500		To be distributed to farmers
Nabarangpur	BIO PESTICIDES				

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	
Nabarangpur	Cattle	-	-	-	-	-	-
Nabarangpur	Buffalo	-	-	-	-	-	-
Nabarangpur	Sheep and Goat						
Nabarangpur	Poultry	Banaraja	Chicks	600	15000		
Nabarangpur	Fisheries	-	-	-	-	-	-
Nabarangpur	Others (Specify)	-	-	-	-	-	-

8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : **YES**

Year of establishment : **2005**

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
Nabarangpur	Soil Sample	800	450	18		4000
Nabarangpur	Water Sample	5	5	2	-	-

9. Rainwater Harvesting, if available. Not Available

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
Nabarangpur	-	-	-	-	-	-	-	-	-	-

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	
Nabarangpur	150	500	25	Agro advisory n INM, IPM, weather forecast and market information

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Nabarangpur	11.02.13	25	<ol style="list-style-type: none"> 1. Introduction of Onion var. Bhima Super 2. Cultivation of root crops like Colocassia and Yam 3. Introduction of Turmeric , Ginger and Chilli 4. Suitable crop introduction in Maize fallow system 5. Training on precision in Mango and Banana Plantation 6. Suitable crop substitution for Maize 7. Screening of suitable maize variety with better puffing quality

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
Nabarangpur	June'13	Quarterly	2000	2000

12.2 Details of Electronic Media to be Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Nabarangpur	CD	Package and Practices of Pigeon pea cultivation	10

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	2	-	-	-	-
Technical bulletins	4	-	ANNUAL	1000	1000
Technical reports	6	-	HALF YAERLY	25	25
Popular article	6	-	ANNUAL	mass	
News paper coverage	4	-	-	mass	
Year Planner	1	-	ANNUAL	100	100
Others (pl. specify)					

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
Nabarangpur	ATMA	State	-	-	-	KVK-ATMA Linkage
Nabarangpur	MNREGA	-	-	-	-	-
Nabarangpur	NHM	-	-	-	-	-
Nabarangpur	RKVY	State	10,00,000 2,00,000 3,00,000 3,00,000 4,00,000 8,00,000	Renovation of Training Hall Furnishing of Training Hall Furnishing of Farmers' Hostel Drinking Water Supply Internal Electrification External Electrification	KVK-instructional farm and Office	Under construction
Nabarangpur	DRDA	-	-	-	-	-
Nabarangpur	Zila Panchyat	-	-	-	-	-
Nabarangpur	Seed Village	-	-	-	-	-
Nabarangpur	NAIP	-	-	-	-	-
Nabarangpur	Climate Change	-	-	-	-	-
Nabarangpur	Others (Plz. Specify) ICRISAT		To be received	Pigeon pea foundation Seed production		Implemented in 5.0 ha var ICPL-87119

14. Utilization of Farmers Hostel. Not Available

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)
Nabarangpur	-	-	-	-	-	-	-

15. Utilization of Staff Quarters.

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Nabarangpur	1987*	2004	5	-	Needs major repair

*- Handed over to KVK from NARP in 2004

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.	Nabarangpur	YES	ZPD

b) Details about Technology Park : NOT ESTABLISHED

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

c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1.	Crop Cafeteria for all seeds	1

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

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Nabarangpur	Jagat Bandhu Nayak	Sugarcane	Vill: B.Maliguda, Block : Nandahandi, Dist Nabarangpur Mob : 09437915236
2	Nabarangpur	Smt. Kamala Majhi	Oyster Mushroom	Vill: Sankumari , Block : Umerkote, Dist : Nabarangpur Mob : 09668852201
3	Nabarangpur	Ganesh Bhatra	Hybrid Maize	Vill: Chingudiguda, Block : Jharigaon, Dist Nabarangpur Mob : 09668852185
4.	Nabarangpur	Sadhav Bhatra	Vegetables	Vill: Lambibeda, Block :Jharigaon, Dist Nabarangpur
5.	Nabarangpur	Smt. Gajamati Bhatra	Banaraja Poultry	Vill: Chingudiguda, Block : Jharigaon, Dist Nabarangpur Mob : 09439247988
6.	Nabarangpur	Raj kumar Sahu	Lac cultivation	Vill:Kusumi, Block :Jharigaon, Dist Nabarangpur Mob : 9777719099
7.	Nabarangpur	Tulsiram Kollar	Composite Pisciculture	Vill: Hirapur, Block : Umerkote,

				Dist Nabarangpur Mob : 9178046150
8.	Nabarangpur	Harihari Majhi	Integrated Farming System	Vill: Sankumari, Block : Chikaladar, Dist Nabarangpur
9.	Nabarangpur	Gopal Pujari	Vegetables	Vill: Duruaguda(Dhodra), Block : Umerkote, Dist Nabarangpur Mob : 9937918961
10.	Nabarangpur	Dhaneswar Majhi	Clonal Plantation of Eucalyptus hybrid	Vill: Saraguda, Block : Umerkote, Dist Nabarangpur Mob :

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	25
2.	Dec-2013	25

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Nabarangpur	3	6	85	165

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

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-Koraput , KVK-Malkangiri	Manpower , Seed ,Seedling	Sharing of resources and technologies among KVK-ring partner will strengthen the KVK.

22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Nabarangpur			
Nabarangpur			

23. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1.	Nabarangpur	June-2011	4	-

24. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals
1.	Nabarangpur	Nil	Nil

25. E-CONNECTIVITY (ERNET Lab) : NOT AVAILBLE

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			
Nabarangpur	-	-	-	-	-	-	-

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Nabarangpur	Gosthies	2	40	Hybrid Maize
	Lectures organized	3	75	Crop diversification in rainfed situations
	Exhibition	1	100	Newly released technologies
	Film show	3	75	INM & IPM practices
	Fair	2	200	-
	Farm Visit	1	15	
	Diagnostic Practical's	1	25	
	Distribution of Literature (No.)	2	200	KVK_ News letter and technical bulletins on Maize , Mushroom
	Distribution of Seed (q)	-	-	
	Distribution of Planting materials (No.)	1	50	Hybrid vegetables & fruit crop seedlings
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings (No)			
	Distribution of Livestock specimen (No.)	2	40	Banaraja poultry chicks
	Total number of farmers visited the technology week	1	375	

27. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
1	Nabarangpur	Black gram	5.0	30
2		Sunflower	5.0	30
3		Ragi	5.0	30

Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
1	Nabarangpur	Oilseeds	5.0	30
2	Nabarangpur	Pulses	5.0	30
3	Nabarangpur	Cereals	5.0	30
4	Nabarangpur	Vegetable crops	2.0	20
5	Nabarangpur	Tuber crops		
6	Nabarangpur	Fruits	1.0	5
7	Nabarangpur	Spices	1.0	5
8	Nabarangpur	Cotton		
		Total	14.0	110

Farmers-scientists interaction on livestock management

Sl. No.	Name of KVK	Livestock components	Number of interactions	No. of participants
1	Nabarangpur	Dairy Management		
2	Nabarangpur	Disease management		
3	Nabarangpur	Feed and fodder technology	1	25
4	Nabarangpur	Poultry management	1	25

Animal health camps to be organized

Name of KVK	Number of camps	No. of animals	No. of farmers
Nabarangpur	1	100	50

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Nabarangpur	Black gram	1.0	5.0	40

Seedlings and Saplings to be distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				
Nabarangpur	Vegetable seedlings	20,000	0.5	40
	Forest seedlings	5,000	5.0	50

Bio-control Agents

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

Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers
Nabarangpur	Vrmi compost	500		15
	Azotbacter	10		5
	Azospirillum	10		5
	PSB	10		5

Vermis Produced

Name of KVK	Vermis Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Nabarangpur	vermin	2000 nos.		20

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and of resource conservation technologies introduced	Area (ha)	Number of farmers
Nabarangpur	Clone plantation of eucalyptus and teak stump	1.5	10

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
Nabarangpur	3	75	2	40	5	12	2	200	1	100	4	100

28. Proposal of NICRA : NOT OPERATING

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			Total
	Farmers	Farm Women	Official	

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) : Not functioning

30. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Nabarangpur				

31. Awards & Recognitions

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

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

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)

**PROGRAMME CO ORDINATOR
KVK, NABARANGPUR**