

Annual Report (NICRA-TDC) - 2015-16

Name of the KVK /village:- Ganjam-1/Chopara

Module-1: Natural Resource Management

[illegible]

[illegible]

***Mention crop being taken up in each demonstrations**

Module 2: Crop Production

[illegible]

	operation														
Location specific intercropping systems with high sustainable yield index															
Cyclone contingent crop	Pigeon pea-asha	seed	10	04	8.2(maize)	22.3(paddy)		19200	41000	21800	2.13	16400	31120	15720	1.9

***make a separate row for each crop and variety demonstrations**

Module-3: Livestock & Fisheries

Interventions	Technology demonstrated	Critical input (Variety, Breed, etc)	No. of farmers	Unit/ No. / Area (ha)	Measurable indicators of output*		% increase	Economics of demonstration (Rs./ha)				Economics of demonstration - local(Rs./ha)			
					Demo	Local		Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net Return	BCR
Use of community lands for fodder production during droughts / floods															
Improved fodder/feed storage methods															
Preventive vaccination	Animal health camp	Albendazole,vaccines	59	186 No.	Disease %-07	23	70								
Improved shelters for reducing heat stress in livestock															
Introduction of improved breeds	Poultry bird-Rainbow rooster	Rainbow rooster-200 birds	10	10	Egg laid/yr.-118	162	37	185	810	625	4.38	140	590	450	4.2
Management of fish ponds / tanks during water	Stocking yearlings of	Yearling ,feed	03	03/1.2	Survivility-	78%	34	116000	280000	164000	2.41	93500	190000	96500	2.03

scarcity and excess water	Catla, Rohu and Mrigal @ 5000 nos/ha at a ratio of 3:4:3 with proper water quality management and feeding with floating fish feed @ 1% of body weight daily.				95% Yield-28 q/ha.	19q/ha.	48								
Mineral mixture feeding to cattle	Agriminforte@ 50 gram/day	Mineral mixture	10	20 no.	Lactation-1400 lt/yr	Lactation-1125 lt/yr	24.4								

Module-4: Institutional Interventions

Interventions	Details of activity			Critical input (Breed / Variety / Medicine doses,)	No. of farmers	Unit / No. / Area (ha)
	Name of crops / Commodity groups / Implements	Quantity / Number / Rent / Charges	Technology used in seed / fodder bank & function of groups			
Seed bank	Paddy-sahabhagidhan, Naveen	32q/18/300 per month	Sell to other farmers @ Rs.1700 per quintal & rent is provided from that money	Seeds, pesticides	114	40
Fodder bank						
Commodity groups						
Custom hiring centre	Power sprayer, power tiller, MB plough, multicrop thresher	Power tiller-40/hr Sprayer-20/hr. Pumpset-20/hr Rotary tiller-20/hr Multicrop thresher-40/hr Mb plough-20/hr Seed cum fertilizer drill-30/hr	Use of different farm machinery for timely operation	Power sprayer, power tiller, MB plough, multicrop thresher	156	59
Collective marketing						
Climate literacy through a village level weather station						
Any other (Pl. specify)						

Module-5: Capacity Building taken up (HRD)

Sl. No.	Thematic area	Title of training	No. of Courses	No. of beneficiaries		Date	
				Male	Female	from	to
1	IPM	IPM in Paddy	01	18	07	05.08.15	06.08.15
2	Income generation system	Paddy straw mushroom cultivation	01	-	25	07.07.2015	
3	Income generation system	Oyster mushroom cultivation	01	-	25	11.11.2015	
4	Income generation system	Yearling rearing	01	21	04	06.10.2015	
5	Integrated crop management	Resource conservation	01	19	06	11.01.2016	

Module-6: Extension Activities

Name of the activity	No .of KVKs	Number of programmes	No. of beneficiaries		Remarks
			Male	Female	
Exposure visit of farmers	Ganjam-1	01	19		CPR, Fishery college Berhampur
Strengthen - SHG	Ganjam-1	03	-	38	Awarded on income generation activities
Strengthen - kisan club	Ganjam-1	02	28	-	Group activity, record keeping
Integrated farming system	Ganjam-1	01	16	03	Optimum utilization of available resources
Field days	Ganjam-1	02	52	15	Seeing is believing
Method demonstrations	Ganjam-1	04	42	17	Seeing is believing
Awareness	Ganjam-1	02	53	23	On PMFBY, soil health management

Instructions:

1) Please don't change format heads. 2) All the required specific information should be given.

7. Rainfall characteristics for the year 2015-16

Kharif 2015		JUNE	JULY	AUGUST	SEPTEMBER	ANNUAL
Rainfall received in (mm)		309	200	223	283	1343
No. of dry spells during kharif season 2015	>10days				01	
	>15days					
	>20days					
No. of intensive rain spells (2015)	>60 mm per day	01			01	
	Water logging observed (days)					

8. Impact of contingency measures (Relate the dry spells with crop and their growth stages)

S. No	Dry spell (no. of days)	Duration (from --- to--)	Crop name*	Crop stage	Intervention taken up	Number of farmers involved	Impact on crop yields (q/ha)	
							Farmers' practice	Demo
1	10	21.09.15 to 30.09.15	Paddy-MTU-1001	PI stage	Raised farm bund ht. by 3 ft.	06	29.2	34.1
2	25	07.10.15 to 31.10.15	Paddy- MTU-1001	PI stage	Irrigation from check dam	12	27.4	35.6
3	27	04.11.2015 to 30.11.15	Paddy-pooja	Milking stage	Irrigation from check dam	14	34.7	38.3

* Interventions taken up (list them for each crop).

9. Adoption of successful intervention in the NICRA village & the adjoining villages

Successful Interventions	Extent of adoption in the village in ha.			
	2012	2013	2014	2015
Drought resistant short duration Paddy var. Sahabhagi dhan	-	12	28	94
Maize in Ridge & furrow system	2	8	24	68
Crop diversification from Paddy to Maize & contingent crop pigeon Pea in upland	3	7	18	29
Sowing of short duration Green gram & black gram var. by seed cum fertilizer drill	-	3	16	26
Yearling stocking in rainfed farm ponds	-	3	7	11

Sd/-

Programme Coordinator
KVK, Bhanjanagar, Ganjam-1