



12.03.2011

Nanritam Krishi Kendra





Comprehensive Agriculture development programme in Rural Purulia (including Livestock , Water Management , Pisciculture , Animal Husbandry , Horticulture and Organic Farming etc) **in collaboration with Syngenta Foundation India :**

87% of the total work force of these villages is engaged in agricultural and allied activities. But Purulia, being a drought prone district with wide expanses of arid land has rendered traditional agriculture a difficult option for the villagers as a source of earning. Newer technology alone can motivate them to return to the soil & take up agriculture as a livelihood.

Our objective is to bring a holistic improvement in the life of the tribal and backward community of Purulia district. Primary focus will be given on **Employment Generation** utilizing the existing natural resources for more production, improving efficiency in life-stock management and better water management for suitable livelihood and agriculture. Side by side, we have also to work with them for improving market linkages and developing agro-based and other rural enterprises for generating employment. Once employments are generated, the people can hopefully be motivated for promotion of literacy, health-awareness, sanitation etc, in other words for overall betterment in their life pattern.

With this idea in view , Nanritam is working in collaboration with Syngenta Foundation India , that will lead to Poverty alleviation and prevent forced migration among the farmers.

Sustainable agriculture programme had been launched in Barandanga, Para, Purulia in May 2010, with 70 farmers in 9 villages of Para Block initially. At present about 35 women's groups in the villages comprising of more than 400 women have done mushroom cultivation with substantial production of the crop, having had training from Nanritam Krishi Kendra (**NKK**). 689 farmers are now involved in 19 villages of Para block up to March 2012.

Our aim is to include as many farmers as possible in these villages and in other blocks of Purulia district.

Support provided to the farmers:

1. Imparting transfer of knowledge (through education and field training) of advanced agricultural technologies for attaining sustainable improvement of agriculture.
2. Training through exposure visits of farmers to progressive farmers who are already following advanced agricultural techniques (and integration of the same with good local practices).
3. Facilitating supply of necessary quality inputs like seeds, fertilizers, pesticides etc, to the farmers, through the farmers' groups mediated by NANRITAM.
4. Facilitating and strengthening of marketing initiatives by farmers and villagers through linkages with various Networks.

NANRITAM will try to ensure that the farmers of its project area get proper price for their produce, also, help them to hold and stock their produce in transit, when needed. In providing such assistance in marketing, Syngenta Foundation India will be the main collaborating partner of Nanritam.

Objective of NKK:

- Paddy productivity enhancement
- Income generation through Commercial vegetable cultivation
 - Marketing linkage of produces, spl. vegetables
 - Alternate livelihood generation through
 - Animal Husbandry
 - Mushroom Cultivation
- Creating water harvesting structure
- Capacity building and hand holding



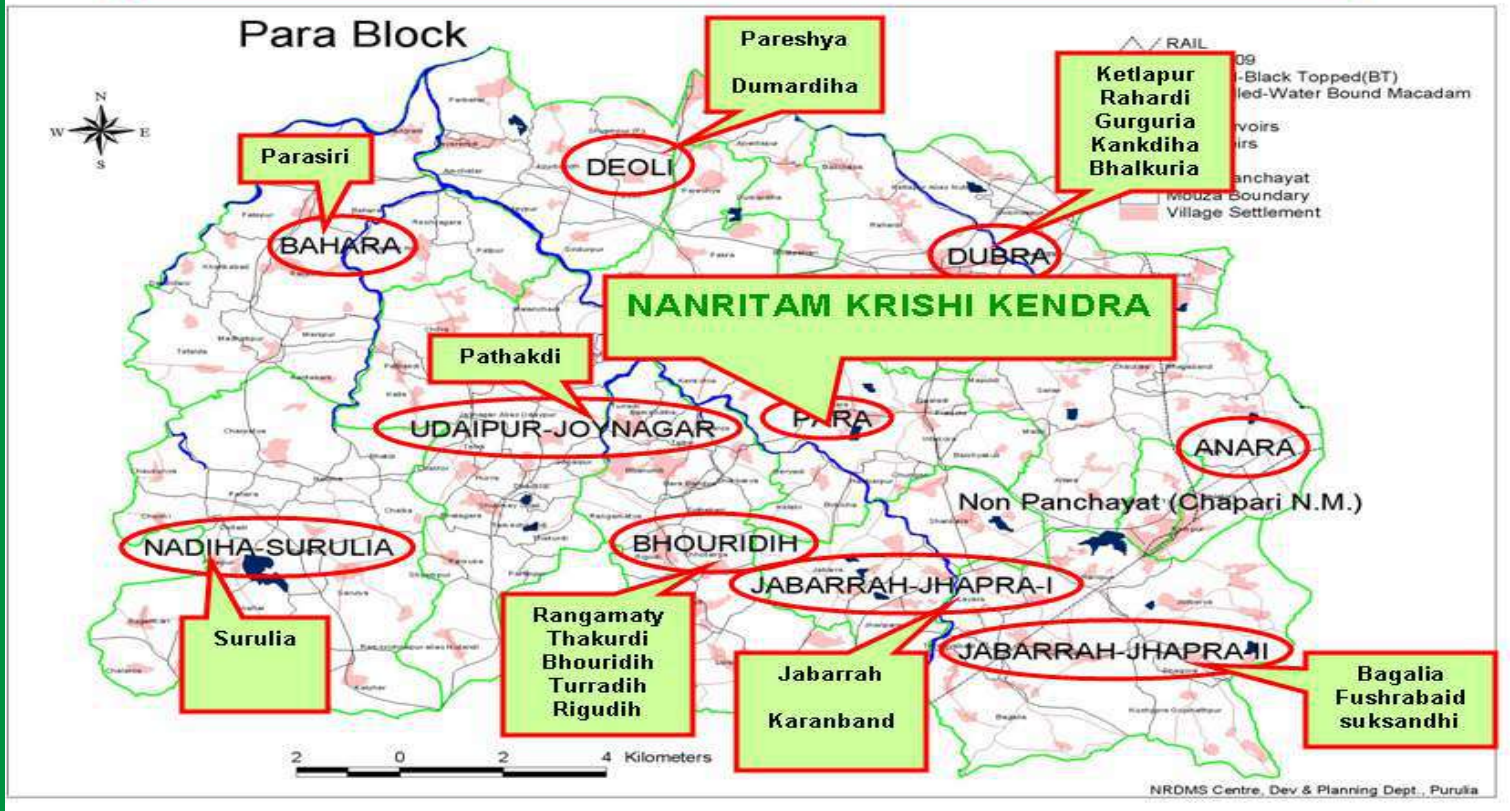
No. of farmers involved – activity wise (year 2011-2012, both Rabi and Kharif)

<i>Villages covered</i>	<i>Activity</i>	<i>No of farmers'</i>
19	Paddy productivity enhancement	555
	Promotion of common vegetable cultivation	216
	Promotion of Wheat cultivation	318
	Promotion of Oil seed & Pulses cultivation	130
	TOTAL	1219



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MAP OF THE AGRICULTURAL VILLAGES AT PARA BLOCK



Success stories of Agriculture

1. Paddy cultivation by SRI method

FARMER'S NAME: MAGARAM MAHATO , VILLAGE: RANGAMATYA, BLOCK- PARA, SEASON: KHARIF (2011- 12)



He cultivated paddy by SRI method on .3 acres of land, variety MTU-7029, under active guidance of NKK. He meticulously followed the package of practice dished out by NKK. Outcome was as follows as compared to his traditional method of cultivation previous year on the same amount of land:

Item	SRI Performance	Traditional Performance
Cost of cultivation (Rs.)	3015/-	3178/-
Production (Quintal)	7.54	5.75
Gross Earnings	7.54 x (Rs. 800/Qt) = 6032/-	5.75 x (Rs. 800/Qt) = 4600/-
Net Earning	3017/-	1422/-
Way Forward	He is interested to follow paddy cultivation in 0.8 to 1 acre through SRI method in next kharif season (2012-2013)	

2. Mixed cultivation of paddy and vegetable crops

Farmer's name - JITEN RAJWAR , village- Rahirdih, Block Para.

He cultivated paddy by SRI method on 1.66 acres and vegetable (Brinjal, Tomato, Okra and Ridge gourd) on .83 acres of land under active hand-holding by NKK and got the following results:

Particulars	Description
	<ul style="list-style-type: none"> Supply of a good quality seeds & seedlings for veg. and paddy Technical support
Intervention by NKK (2011-2012)	<ul style="list-style-type: none"> SRI & other improved practices for paddy total hand holding support for vegetables
	<ul style="list-style-type: none"> Tunnel nursery by NKK (50% contribution) exposure visit on vegetables
Before Intervention (Gross income)	Paddy –Rs.18000 +Vegetable-Rs.14000
After Intervention (Gross Earnings)	Paddy –Rs.25000 +Vegetable-Rs.27000
Incremental Earning	Rs. 20000
Social Implication	He is now in comfort zone to plan his daughter's marriage
Next Plan	He is planning his entire annual cultivation with the advice of NKK





Animal vaccination camp

report of

Nanritam Krishi Kendra

PERIOD	NO. OF CAMP ORGANIZED	NO. OF VILLAGES COVERED			NO. OF ANIMALS TREATED	<u>REMARKS</u> Vaccination for
		16				
		ONCE	TWICE	THRICE		
Oct'11-Mar'12	33	Bagalia	Gurguria	Fushrabaid	Goat 906	PPR
		Ketlapur	Kankdiha	Para	Ram 705	PPR
		Porasiri	Raherdih	Baishakuli (4 times)	Cow 1352	FMD(Foot & Mouth Diseases)
		Sukhendi	Rangametya	Surulia (4 times)	Buffalo 89	FMD
		Karanbandh porashya	sarberia	thakurdih	<u>Total</u> 3051	
un'11 – Sep'12	5				507	F.M.D.
un'11 – Sep'12	8				632	H.S.B.Q. (Hemorrhagic Septiceamia Black quarter)
TOTAL	45	26			4190	

Nanritam has been trying, through these years, to empower the under-privileged to stand on their own feet, to support themselves & their families. For this, we have adopted skill enhancement training programmes, AAROHAN for rural youths in the age group of 18-25 years particularly from BPL category as well as literate and semi-literate women and SC/ST groups from low-income group families, in collaboration with NCRI (NATIONAL COUNCIL OF RURAL INSTITUTE UNDER MINISTRY OF HRD).

Our Vocational Training and Livelihood Generation programme

In both the urban slums and the rural areas of Purulia District, West Bengal, we are running training programmes for women in various forms. In Purulia District, where we work, 70% of the population lives below the poverty line. The primary source of income is unskilled labour & farming. Educational status of the populace is very poor with hardly 15-18% having primary education and a meagre 5% being school graduates. The tribals of the region follow a matriarchal family system. The chief bread earners in this region are women. However, their educational status is dismal, with most being illiterate. They thus have to resort to assorted seasonal activities like making cowdung cakes, paddy cutting, animal husbandry, collecting wood chips etc in order to make a living. To enable these women to have a steady source of income and to lead a better life, Nanritam conducts various kinds of training programmes for them..



Nanritam is also running various skill development training programme in Agriculture and Allied issues under guidance of Nanritam Krishi Kendra.



Trainings Provided :

The training programmes done at our rural unit at Para, Purulia include Knitting, Tailoring, Carpentry, Embroidery, Fabric painting, Making Gala ornaments, Poultry farming, Health Worker training, Incence-Making, Mushroom-Cultivation, Training on various aspects of Agriculture and Animal vaccination, Computer Hardware training etc.

Skill Enhancement trainings during the year 2011-'12

Skill Enhancement trainings during the year 2011-'12

S.L.	Training Course	Total No. of Students	Training Duration	Starting Date	Closing Date
1	Tailoring	20	6 months	10.04.11	15.10.11
2	Lac Bangles	19	15 days	15.08.11	09.09.11
3	Adv Lac Bangles	19	7 days	22.09.11	03.10.11
4	Hand Painting (Fabric)	78	3 months	01.05.11	03.08.11
5	Computer Hardware	12	3 months	26.06.11	29.09.11



Trainings on Agriculture :

Date	Village of Training	Training Agenda	Total no. of beneficiaries (approx)
04.04.11 - 15.05.11	Thakurdih, Pithajor, etc.	Soil treatment training	97
27.05.11 & 17.06.11	Pithajor, Thakurdih, etc	Seed treatment training	76
28.05.11	N.K.K.	Fodder training	70
29.06.11	NKK OFFICE	S.R.I. & NON-S.R.I.	
04.08.11 - 12.08.11	N.K.K., porashiri, etc.	Paddy insect & pest management training	12
04.11.12 & 07.02.11	Bathanbari, Surulia, Sorbaria, etc	Wheat & oil seed cultivation training	63
23.02.12	N.K.K.	Training for summer veg. cultivation	39



AWARENESS MEETING OF ANIMAL VACCINATION

MONTH	NO. OF AWARENESS MEETING & TRAINING	TOTAL NO. OF BENEFICIARIES
December 2011	06	63
January 2012	08	80
February 2012	04	41