

ANNUAL REPORT



JAN NIRMAN KENDRA

2013-2014

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PROJECT OFFICE:

VILLAGE MANIYARPUR, P.O. SEMRAHA, VIA TETARIYA,

DISTRICT EAST CHAMPARAN-845436 (BIHAR)

MOBILE NO. 09470053600.

We are a Nonprofit making organization working for welfare of the society. From its inception, the organization had been in the field of Agriculture and education through its several educational programmes/activities. Since, the society believes strongly that it is through education that the details and other weaker sections can come to grips with their own rights and claim it legitimately.

We have been successful in our efforts to awake the people aware of their rights. His organization in the field of health through its several health programmes achieved.

The active involvement of board members as well as general member in the implementation of the programs has further contributed to the development of the organization. However, inability to fully mobilize the Potential of many other members has been seen as a weakness of the organization.

NAME & ADDRESS OF THE ORGANISATION	Jan Nirman Kendra <u>Regd. & Corr. Office:</u> New Police Line Chowk, Jay Ram Nagar,P.O Paigambarpur, Muzaffarpur-843108. (Bihar) Project Office: Maniyarpur, P.O. Semraha, Via Tetariya , District East Champaran -845436 (Bihar)
REGISTRATION DETAILS	Registered under Societies Registration Act-XXI of 1860, Registration No. : 2712 Year of Registration : 2010 Date of Registration : 29/03/2010 <u>Registered under Income Tax Act 1961 Rules</u> <u>12AA -1494- 96 / 2011-2012 and 80G- 1497-99 /2011-2012</u> <u>PAN No: AAATK6553C</u> <u>Registration under Foreign Contribution (Regulation) Act, 2010</u> <u>FCRA- 031140105, Nature: Social</u>
NAME OF THE CHIEF EXECUTIVE	Mr. Rakesh Kumar Singh ,(Secretary) New Police Line Chowk, Jay Ram Nagar, Paigambarpur Kolhua, Muzaffarpur-843108. (Bihar) Mob-8002111668, 09470053600 Web site : www.jnkindia.org E-Mail-jannirman.1020@rediffmail.com

SECRETARY'S NOTE

I am happy to present our Annual Report for the period 2013-2014. Jan Nirman Kendra is a NGO working since 2009 in Muzaffarpur and East Chmparan districts in Bihar to bring qualitative and quantitative changes in the lives of the poor and marginalized section of the society. The year 2013-2014 has been of implementation, expansion and intensification of our different developmental programs with greater people's participation and realistic approach. The programs run by Jan Nirman Kendra has been able to reach to the people it strives for.





The impact of these programs has been positive. Through our programs, we have been able to reach needy children, poor women, unemployed youths and general community as a whole through various developmental and meaningful programs. Through these programs, we have been able to reach to those who are not being reached before. As we are a learning organization and is constantly innovating based on experiences that are being generated in the field. We will hope to continue doing that.

All these efforts and accomplishments would not have been possible without the support and collaboration of our donors, partners, local administration, community members and a highly committed Jan Nirman Kendra team. We wish to pay our gratitude to our donors - Grameen Development Services and Jamsetji Tata Trust and individuals for extending their valuable support and guidance to pursue our vision and mission.

We look forward to your comments and suggestions on this report and renew our commitment to work for effective development partnerships for better reach to the poor people of Bihar.

Thanking you,

Rakesh Kumar Singh
Secretary

Programmes	Activities	
<i>Institutional development and capacity building</i>		
<ul style="list-style-type: none"> Mobilization and formation of 10 CBIs covering 300 families 	Formed 10 Farmer Club having 192 Farmers, Selected as per the norms of Project	
<ul style="list-style-type: none"> Orientation/training given to 10 CBIs 	Organized and conducted two days residential orientation cum training for 9 Farmer club members .The training was impacted by the skilled and experiences trainer about the quality, Operations, Book-keeping cum basic requirement of the Farmer Club.	 <p>Training for farmer</p>
<ul style="list-style-type: none"> Agricultural planning exercise done with 10 CBIs 	All the farmers of 10 farmer Club were devised /equipped about all the 3 crop cycles namely Kharif, Rabi and Zayad having all the possible agriculture based facts.	
<ul style="list-style-type: none"> 10 leaders' trainings organized for CBIs 	President, Secretary and treasurer of 8 Farmer club were two days residential training on their role about the well mining, documentation cum specialty in details by the trainer.	 <p>Trainings organized for farmer clubs</p>
<ul style="list-style-type: none"> 1 Farmers' resource/facility centre established 	<p>The Farmers Resource centre has been established collectively out of kisan club it has been rendering the following useful services to farmers-</p> <ol style="list-style-type: none"> 1. Availability of Agriculture Tools – The members of kisan club are being provided these services on top priority basis, however others farmers avail too this type of services subject to availability of tools at that movement. 2. Crop wise information's – With the courtesy of agriculture Scientist of Krishi Vigyan Kendra / Rajendra Agriculture, farmers are being skilled with the crop wise detailed information from time to time. <p>Orientation – Farmers are being orientated in context with the agriculture work as per demand and requirment by the related experts. Total No. Farmer visit-260 .</p> <p style="text-align: center;">Kisan Seva Kendra- As Collective Resource Base</p> <p>Poor access to agricultural resources has always been more relevant to most of the small and marginal farmers for their vulnerability to explore means in individual capacity which many times they fail to afford with own limited resources. They have to wear with what they have leading to low gain from their efforts in agricultural work. Under its JTT supported agriculture project started in April, 2012, GDS took initiative to organize these small and marginal farmers in groups for mutual trust and confidence building and collectively responding with their local issues and concerns. The approach was well taken by all the network partners including Jan Nirman Kendra which is working in Maniyarpur village in East Champaran district of Bihar.</p>	

The farmers of Maniyarpur village were encouraged to organize their groups and 10 farmer clubs became active in this village. In all, 192 small and marginal farmers were member of these farmer clubs. All the agriculture based project interventions were launched in support with these clubs. They were motivated to employ improved agriculture technologies to enhance production and relatively reduce the cost of cultivation for better income from their fields. Necessary technical support was extended to them involving agriculture scientists and experts from recognized institutions from time-to-time. But, it was still challenging to arrange agricultural implements and equipments even on hire basis during peak period of each season and all these efforts were forced to go in vain as the owners of these implements have their own priority to use them.

Farmers decided for collective action

This was, now, a common issue being faced by the farmers in the village. The situation led them to decide for collectively arrange these implements and other vital agricultural inputs through farmer clubs. The idea emerged with establishment of farmers owned 'Kisan Seva Kendra' (Farmers' facility centre) to ensure accessibility and availability of agriculture inputs and technical support when required by them. A ten members committee represented by one active member from each of 10 farmer clubs was constituted and modalities decided on mutual consensus.

Started with some basic services

S. No.	Service available	Service charge	Remarks
1	Zero-till machine	Rs. 25/- per hour for member & Rs. 40/- per hour for non-member	Used for line sowing with zero tillage. Minimizes sowing period and saves tilling cost.
2	Spray machine	Rs. 5/- per day for member	Used for spraying of agr. chemicals.
3	Water delivery pipe	Rs. 5/- per day for member	Used for irrigation of crops.
4	Sickles, spuder & khurpis	Re. 1/- per day for each.	Small but most required in day-to-day agr. work.
5	Shed nets (Two shed nets; each managed by a 5 member committee)	Re. 1/- per sapling	Useful for developing nursery on cocopeat safely. Protects from external environment.

The centre provides agriculture related information to farmers over phone. The process involves direct dialing mobile no. 9740053600 by farmers to raise their query. The query is registered and discussed with concerned scientist at RAU, Pusa to seek appropriate solution which is timely conveyed to concerned farmer(s) by the centre coordinator. It facilitates getting information from an authentic source and also further guidance, if required. Other services available at centre are depicted in the table. The preference is given to respond with the demand of member farmers on reduced charges whereas the non-members also hire out these services but it depends on availability and on full charges in a very transparent manner. The

management committee decides the rates and users in consultation with the representatives from farmer clubs.

The service charges, thus collected from users, would be utilized for meeting the cost of maintenance of these equipments and also find replacement, if required so at the discretion of centre management. Based on the further demand, initiative would also be taken up to expand the service base through inclusion of more agricultural implements subject to availability of resources.

They have control

Since the centre is managed by the farmers themselves, it has friendly environment to them taking care of their priorities and preferences on mutual support basis. It helps to provide platform for discussion on common issues and take collective action responding to crucial issues. With this, induction of appropriate agricultural technologies and practices would become easier with lessened dependency on external resources or environment beyond their control. The process of decentralization particularly under the situation of high turnover of small implements may be helpful in ensuring availability of some of these implements at individual farmer club level. Not only this, the service base may also be broadened in future.

- 200 farmers planning cum input/output tracking booklets (Kisan diaries) supplied and being maintained.

200 kisan dairies have been supplied which regularly fulfills ,the agricultural information's viz, crop details, fertilizers , seeds, insecticides , micronutrients, and sufficient to write events on day to day basis.



Kisan Diary with farmers

- 1 interface workshop at Panchayat/block level

One day interface workshop was organised at Panchayat level from the point of view to make effectiveness of the gained achievement by the organization from agriculture based livelihood project during last 2 years and that was participated by scientist of Krishi Vigyan Kendra , Panchayat Raj Reprntatives,Social Person , members of Farmer club and 174 desirious inhabitants of village





Interface workshop

- 3 agricultural situation analysis exercises and value chain analysis held and documented for designing PoPs

Package of Practice was formed including the scientific facts, agricultural environment and keeping in mind the cost.

- Review and finalization of documents - 3

Package of Practice was formed finally keeping in mind all the expected and facts relating to agriculture received from farmers.

<ul style="list-style-type: none"> 7 krishi mitra orientation/ review done about project design & their role. 	<p>4 Krishi Mitra were imparted three days residential training by efficient trainer specially on the project objectives and their roles. Krishi Mitra have been imparted training technically in accordance the agriculture work with the support of GDS almost for all types of crops- Kharif , Rabi & Zayad resulting krishing mitra are using their full stamina to convince farmers to use the resources properly as per the standard of scientific measurement and they have been using those .</p>	 <p>Orientation for Krishi Mitra</p>
<ul style="list-style-type: none"> 16 krishi mitra training – technical conducted on PoP 	<p>2 Krishi Mitra were imparted three days residential training on PoP as a whole by developing their understanding and for its structure understanding with the support of scientist, technically.</p>	
<ul style="list-style-type: none"> 500 farmers days spent for field based farmers training 	<p>253 farmers days .The field based training for farmers was organized on the basis of agriculture needs considering the varieties of season based crops.</p>	 <p>Field based farmers training</p>
<ul style="list-style-type: none"> Exposure to farmers - 30 	<p>13 Farmers were given exposure visits to Rajendra Agriculture University, Pusa &Krishi Vigyan Kendra to have an understanding for the suitable types of crops.</p>	
<ul style="list-style-type: none"> Hiring outside experts – 8 person days 	<p>Hiring outside experts – 19 A visit to scientists was organized for having scientific solution of crop related problem relating to its development / progress</p>	

Piloting of PoP with farmers of all CBIs - Under the activities Kharif season – piloting of Pop with farmers of all CBIs-30 farmers were involved in cultivation of paddy in 12 acre by technology SRI, Zero Tiles and Single Sampling and got increase in yield to the extent of 30%.

Rabi season – piloting of Pop with farmers of all CBIs-80 farmers were involved in cultivation of Pumpkin & Tomato by cocopit technology. This was just on activity to promote the high value cash crop and of course farmers got their income increased by 25,000 and 30,000 per acre. Wheat in 8 acre by technology Zero tiles, Wheat in 4 acre by technology SWI, lentil in 4 acre by technology seed drill, Mustard in 4 acre by technology seed drill, Pea in 4 acre by technology line sowing and got increase in yield to the extent of 25% to 30%.

Zayad Season - piloting of Pop with farmers of all CBIs-80 farmers were involved in cultivation of Vegetable cultivation in 12 acre by technology SRI, Zero Tiles and Single Sampling and got increase in yield to the extent of 30%.



Pea cultivation



New Hope-Ram Baleshwar Saheni – a resident of Vrith Tola in Maniharpur village is known as an experienced and skilled farmer in the village. He always wanted to do something very progressive in agriculture but due to unavailability of proper knowhow and environment, was unable to do so. He was cultivating the normal crops with a same age old practices. It was when he came to know the presence of Jan Nirman Kendra (NGO) and its program on ‘Revival of Agriculture based livelihoods in Nepal bordering districts of Eastern Uttar Pradesh and Northern Bihar’ for the first time in his village, he got a hope of improving his livelihood through this program. He formed Farmers Group with the help of Jan Nirman Kendra volunteers and worked hard to make the group strong and effective. He also took the knowhow on SRI methodology from the organization and applied it on his paddy cultivation in 3 katthe field. This field is now so good that seems to have guaranteed very good yield on paddy. Since the formation of Farmers Club in May 2012, he has been very active and regular in its meeting. Ram Baleshwar also tells us proudly that he will follow the advice of Jan Nirman Kendra on all the agricultural activities. He is now becoming a source of inspiration for all other farmers.

Turmeric cultivation has become one of the sources of their livelihood

Jan Nirman

Kendra had implemented a project on Revival of Agricultural Based Livelihood in Maniyarpur, panchayat – Bahuara, block Tetaria. Under the project, a

agricultural plan was made with the suggestions and need of the farmers. As per the plan, turmeric was selected as one of the cash crop for cultivation in the year. This particular cash crop cultivation was done previously but stopped since last couple of years due to some reasons. It was decided to cultivate this cash crop as a demonstration in the 1st year. As a part of demonstration, following 10 farmers did the cultivation:



Zero tiles based wheat farming

Sr. No.	Name of Farmers	Gender	Area of Land (in Acre)	Variety	Production/Yield
1.	Ram Baleswar Sahani	Male	0.10	Rajendra Soniya	6 Quintal
2.	Manoj Sahani	Male	0.50	Rajendra Soniya	31.20 Quintal
3.	Raju Sahani Sahani	Male	0.50	Rajendra Soniya	31.10 Quintal
4.	Basu Dev Sah	Male	0.05	Rajendra Soniya	3.10 Quintal
5.	Dhirendra Kumar Singh	Male	0.25	Rajendra Soniya	15.25 Quintal
6.	Hari Chandra Ram	Male	0.50	Rajendra Soniya	31.30 Quintal
7.	Mahesh Paswan	Male	0.25	Rajendra Soniya	15.30 Quintal
8.	Janaki Devi	Female	0.05	Rajendra Soniya	3 Quintal
9.	Sundar Paswan	Male	0.05	Rajendra Soniya	3.10 Quintal
10.	Arun Kumar	Male	0.05	Rajendra Soniya	3 Quintal
Total -			2.5	142.35 Quintal	

116 quintal of yield happened with the cultivation of turmeric in total 1.85 Acre. The farmers were more than satisfied with this yield and it gave them sufficient encouragement for carry on the cultivation in a newer and better way with the support and assistance of Jan Nirman Kendra.

Demonstration of recycling organic waste held for – 40 farmers

Coordination Pit for Composting

Blessed with the highly fertile alluvial soil and plentiful ground water, tetariya block of East Champaran district has two agriculture cropping seasons; kharif and Rabi each year. Paddy and wheat are the major crops being grown by the farmers. But the imbalanced use of chemical fertilizers and inhibited composting resulted in gradual soil health deterioration. It started impacting crop productivity to be low and as an emerging agricultural issue to be addressed timely. Aiming at the above, soil health improvement was taken up as an important intervention under JTT supported agriculture project being implemented by Jan Nirman Kendra (a local NGO) in the area. Sensitization of farmers towards soil health issue has been a significant agenda of SHGs meetings. They were given orientation about the measures to be adopted to improve soil health.

He adopted technology

Khusiyali club was organized by the farmers living in village Maniyarpur of East Champaran district. Mr. Kalewar Paswan is one of the members of this club. Sensitized with fact, he became motivated to prepare bio-fertilizer through installation of coordination pit. Compost pit sized 10'x3'x3' was prepared and filled in with the agriculture residues layered with dung solution under the technical guidance of project staff. 3 pieces of plastic pipes were also inserted in the pit.

Saves money & improves soil health

After three months, Kalewar could get 7.3 quintals of compost available from his coordination pit. He used this bio-fertilizer for his vegetable crops. It saved money to be spent for purchasing and using of chemical fertilizers. The entire quantity he could get prepared out of his own resources which were always mostly wasted. Thus, this low cost technology proved to be very beneficial for its organic contents and reducing the use of chemical fertilizers to improve soil health. The cost calculation as made by the demonstrating farmers is given alongside for single installation;



Coordination pit- organic compost

Others also became satisfied with...

The other farmers also who made trials on coordination pit technology were satisfied with the intervention and now they intend to continue with it in future also.

Sr. No.	Particulars	Quantity	Unit Rate	Amount(Rs.)
1	Plastic pipe	10 ft.	150.00	150.00
2	Tricoderma	1 kg	150/-kg	150.00
3	Single Super Phosphate	2 kg	20/-kg	40.00
4	PSB	500 gm.	150/-kg	75.00
5	Urea	1 Kg	10/-kg	10.00
7	Labour charges for digging a pit	1 pit	200/-pit	200.00
8	Filling pit with waste	1	200/- per filling	200.00
	Total costs			800.00
Value of produced fertilizer				
(730 kg x Rs. 4/-kg) = Rs. 2,920/-				

Potato Cultivation

became an alternative income generation source for farmers

It was on the basis of need and demand of farmers, JNK facilitated the potato cultivation by a 7 member farmer club at Tetaria block of East Champaran.

- Varieties of Potato : Ashoka, Jyoti and Pukhraj

Detail of farmers with whom the potato cultivation was done is following:-



S. No.	Name of Farmers	Gender	Area of Land (in Acre)	Variety	Production/Yield
1.	Shiv Dulari Devi	Female	0.10	Ashoka	8.2 Quintal
2.	Ram Baleswar Sahani	Male	0.10	Jyoti	8.3 Quintal
3.	Lal Dev Sahani	Male	0.10	Ashoka	8 Quintal
4.	Usha Devi	Female	0.15	Jyoti	24.30 Quintal
5.	Radhika Devi	Female	0.15	Pukhraj	24.25 Quintal
6.	Arun Paswan	Male	0.15	Jyoti	24.15 Quintal
7.	Hari Chand Singh	Male	0.20	Pukhraj	33.07 Quintal



The farmers are satisfied with the above productivity. They are motivated and determined to do this cultivation with more sincerity in

the next season so that they get maximize the return on potato cultivation.

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2 trainings conducted for Pashu Sakhi	Four training were imparted to pashu Sakhis by the expert on the quality of goat-rearing, health, nutrient etc.	 <p style="text-align: center;">Tikakaran for goat by Pasu Sakhi</p>
Pashu Sakhi kit and equipment – 4	4 set Pashu sakhi kits and equipment were provided to 4 Pashu Sakhi as per projects guidelines	
Equipment like castrator, weighing scale and para vet level kit – 1	1 set kit .The single Para Vat were provided castration, weighing machine in terms of project with instruction to up keep the same properly.	
Cool boxes and mini fridge for vaccine storage - 1	1 Mini refrigerator and cool box were purchased for proper storing of vaccine.	
200 improved quality goats inducted in 100 goat rearing families	The selected women farmers whose goat rearing groups have been formed as per directive of the project , they all were proposed for providing goats.	 <p style="text-align: center;">Goat rearing</p>
8 quality breeding bucks inducted to provided services to above 200 goats.	For breeding the Black bengal buck were proposed to providing to goat rearing groups.	
Exposure of goat rearers – 20	Exposure of goat rearers – 34. An exposure visit to KVK Pipara Kothi, Lalitpur, Nagama (Baliya, Muzaffarpur) were conducted at goat farm House where an understanding was made among goat rearers to rear goats with scientific method	
4 one day training organized for goat rearers	By organising a four day training to goat rearing groups a complete cycle was discussed . Goat rearers were trained in a precise manner by the support of expertise from GDS and KVK.	
2 training/exposures conducted for staff capacity building inputs	4 training for staff capacity. The appropriate trainings were imparted to project coordinator, Project Assistant, MIS cum Accountant, Para Vat, Pashu Sakhis, with the support of trainers on the subject matter of project working system, roles , communication, documents, public involvement etc	

ACKNOWLEDGEMENT

Organization acknowledge with gratitude to all those who have supported the organization through contribution, donation and by different means directly or indirectly. Management Committee of the organization places on record their appreciation of the encouragement and moral support from donors, members of the organization, honorary persons and staffs associated with organization along with community with whom organization is working.

AUDITORS

Singh & Thakur Chartered Accountants, Muzaffarpur have conducted the audit for the year and are re-eligible to be re-appointed for next year.

The managing committee places on paper and its sincere thanks to the workers, members and beneficiaries for extension of co-operation and efforts.

For and on behalf of Jan Nirman Kendra

(Rakesh Kumar Singh)
Secretary