

**Training of Farmers' of Disable farmers Group on System Rice
Intensification Method**

Training Venue: Ramashray Prasad Singh High School Premises

Training Dates: 18th June, 2017

1. INTRODUCTION:

To ensure the rights of the People with Disability of Gaya, Vikalp Foundation initiated community centred many programs with people with disability e.g. formation farmers group with PwDs, entitlement activities - making 'Aadhar card, Disability certificate, getting aids and appliances, capacity building training to ensure sustainable livelihood and develop social network among disable person and govt. officers. Training program on System Rice Intensification methods have been designed for develop knowledge of SHG members on paddy cultivation with sustainable agriculture process. This program will help them to apply modern sustainable methods in paddy cultivation. Which will help them to cultivate with low water, use of low amount seed, labor intensive process.

2. OBJECTIVES OF THE TRAINING:

- i. To build capacity of the farmers on paddy cultivation through System Rice Intensification process
- ii. Increase the knowledge level on benefit of SRI
- iii. Detail discussion on seedling preparation process, seedling transplantation, weeding process

3. DETAILS OF RESOURCE PERSON AND GUEST: Mr. Satrugan Sinha (Block Agriculture Coordination), Secretary of Vikalp Foundation Chandra Sekhar Azad, Ram Rashik Mishra President of Akhil Bharitiya Kisna Sangh, Ashok Kumar from Utrain Panchayat President of PACS, Ranveer Kumar President of Block Disable People Organization.

4. DETAILS OF PARTICIPANTS:

Block Name	Panchayat Name	Participants
Konch	Utrain	37
Tekari	Khanetu	29

5. INPUT AND PROCESS OF THE ACTIVITIES:

- Farmers Home visited to ensure the participation in System Rice Intensification training.
- Ensure participation of more people in the organised program.
- Contact with NEWS reporter for invitation in training program
- Registration of all Person with Disabilities farmers

- Welcome to all participant by Project Coordinator
- Prayer with motivational song
- Introduction of all Participants
- Describe them about objective of training program.
- Inauguration of training program
- Discuss about concept of SRI methods for paddy cultivation
- Describe the benefit of paddy cultivation through SRI methods
- Detail discussion on seedling preparation, transplantation process, and weeding process
- Documentation of whole activity followed by registration of participants, take photo, keep receiving

6. METHODOLOGY FOR USE:-

- a. Lecture
- b. Participatory Discussion
- c. Presentation
- d. Demonstration of seedling preparation, transplantation process and weeding process
- e. Video Show on SRI methods

7. DETAILS ABOUT THE TRAINING SESSION:

- I. **Registration:** People with Disabilities were invited from Konch and Tekari blocks, Gaya and About 66 participants were registered in that training program.

- II. **Welcome:** At first Mr. Natresh Prasad from Vikalp Foundation welcome to all the participants, guest, and resource person. He told that Vikalp foundation is working for PWD since last 18 years. One of the major problems of PwD is livelihood. Most of the people have negative attitude about PWDs; they think that PWDs are unable to do anything related to livelihood. So organized that training program to develop understanding about Paddy cultivation through SRI method develop as a potential livelihood option.



III. Self-Introduction: After the welcome speech Mr. Naresh Prasad request to all to give their self-introduction. Then everybody start to give their self-introduction. They told

- a. Their name,
- b. Address and
- c. What they are doing presently.

IV. Inauguration

After self-introduction the inauguration has been done by Resource

person

and

p



present

guest with lightening lamp. Then all the guest and resource persons lightened the lamp. From participants welcome to all by a motivational song.

V. Discuss about SRI method:

The **System of Rice Intensification**, known as SRI - is an agro-ecological methodology for increasing the productivity of irrigated rice by changing the management of plants, soil, water and nutrients. SRI originated in Madagascar in the 1980s and is based on the cropping principles of significantly reducing plant population, improving soil conditions and irrigation methods for root and plant development, and improving plant establishment methods

VI. Benefit of SRI methods:

The benefits of SRI methods-

- 80-95% reduction in seed use

- 20%-50% or more increased yields,



- Larger, better quality grain
- 30-50% reduction in water use
- Shorter cropping cycle (1-2 weeks)
- Saves money on inputs
- SRI principles and practices have been adapted for rain fed rice as well as for other crops (such as wheat, Sugarcane etc.), with yield increases and associated economic benefits.
- Better disease resistance
- Better drought resistance
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VII. Basic SRI methods:

- 1 – 2 kg seed for 1 acre land
- Carefully transplant single seedlings at two-leaf stage (8-12 days)
- Only single seedlings, instead of a handful of seedlings get planted in each hill.
- Plant seedlings at a distance of 25 cm or more in a square pattern
- Keep soil moist and aerated. Rotary weeding to control weeds and promote soil aeration.
- Increased use of organic manure to enhance soil fertility

VIII. Step of paddy cultivation through SRI methods:

- Seed sorting and soaking
- Nursery preparation
- Main field preparation
- Transplantation
- Weed management
- Harvesting and measure of produce paddy to monitoring

8. THANKING SPEECH BY MR. C.S AZAD (THE SECRETARY OF VIKALP FOUNDATION)

Mr. Chadra Shekhar Azad thanks to the entire guests for giving their valuable time. He thanks to the entire participants for participating and cooperating through the whole days. He told that if all of the PWDs will move forward then Vikalp Foundation will try to do many things for their development.

9. OUTCOME OF THE TRAINING-:

- Good participation of all farmers
- They attentively listen the session
- Participants understands importance of low cost paddy cultivation through SRI methods
- Develop theoretical as well as practical knowledge about SRI methods
- Farmers prepared an action plan for paddy cultivation through SRI methods

NEWS Covering:



