

Farmers' Exposure Visit to Sambhav, Nayagarh

15th to 17th March and 18th to 20th March, 2017

1. Introduction:

Sambhav is a Civil Society organization, which has established organic cultivation practices and ecological land use. It is well known all over Odisha for its successful models of organic SRI, bio-diversity conservation, and sustainable land use practices. It has emerged as a successful farmer training centre providing demonstration of good practices for organic agriculture for farmers from all over the state. Agramee has had a longstanding relationship with Sambhav, and shared many learnings with this organization over the years. The current exposure visit was welcomed by Sabarmatee, Head of Sambhav, who provided all the training inputs to two batches of participants during the 3 days of training. The broad schedule of the two trainings is described in this report, along with feed back received from the participants after the training.

2. Sessions Flow:

Day – I:

All the participants assemble in training hall at 8.00 AM, after breakfast, for a session with Sabarmatee. After initial sharing of expectations, they are introduced to the concept, need and theory of organic farming. Then they move for field exposure to the Sambhav Farm site. Guided by Ms. Sabarmatee, they see the compost pit, plant mulching by stone, mulching by leafs, compost pit nearer to the tree for preservation of water and food. Then they visited lemon garden and there they see the basin and netting in a slopping field which preserve water and soil erosion. Its continue upto 1 PM. After a lunch break, participants return to the hall to discuss what they have seen. As each person shared their response, Sabarmatee, and other

members of Sambhav explained the reasons and understanding behind all the practices.

A visit to the mixed cropping and intercropping field follows. Here participants understand the making, and use of handi khata (organic fertilizers in mud-pot), handi ausadha (herbal pesticides in mud pot), jia jala (Vermi composting), urine collection tank, compost pit, vermi pit, SRI rice fields, zero tillage field, mango garden and mahala chasa. This continues upto 5.30 PM. At 7 PM they assemble in training hall and share their feelings and question answer session start and at 9 PM which is conducted by Ms. Sabarmatee.

Day – 2

At 7 AM all participants came together and divided into two groups. One group collect dry leaf and other group prepare ground for patali for vegetable cultivation and collect compost, ash and cowdung. Then all participants gathered and prepared the patali by the instruction of Sabarmatee. At 11 AM they back to the training hall and discuss about the benefits of the patali. The patali will produce vegetable at least for two year without applying any fertilizer and pesticide. Then 1 PM to 3 PM lunch.

At 3 PM all participants visited to the lemon garden with Mr. Kusa of Sambhav. There they see the netting and basin prepared by the earth. Netting means if the field is slopping then you made bund by earth back side of the plant. Then you dig a 1.5' of half moon size pit in front of the plant. Where the branches of the plant ends. Because the nutrient intake roots of the plant also spreaded upto the branches end. Then you make two side bund of the pit and connect it to the front plant back side. This way you cover all plants of the farm. It benefits the soil erosion control and water preservation. You can put some dry leaf inside the pit which creates compost

for plant root. Participants learnt the process by practical exercise. It continue upto 5.30 PM.

At 7 PM all participants assemble in training hall and review the day work and put question to the Sambhav staff and get answer from them. The session end at 9 PM.

Day – 3

At 7 AM all participants divided into two groups by Sabarmatee and she instructs one group to dig patali and another group collect dry leaf. Then both the group together and made patali by their own without any fault with help of Sambhav staff. The participants are complete the patali as per the procedure. It continue upto 12.30 Pm.

The afternoon session start at 3 PM. The participants are divided into three groups. First group made handi khata by using 1 kg. of cow dung, 1 ltr. cow urine and 250 gm of oil cake. Second group made another type of handi khata by using 2 ltr. cow urine, 2 kg. cow dung and 50 gm. of jiggery. Third group made handi ausadha by using 1 kg. neem, karanja and arakha leafs, 250 gm grinding garlic, 100 gm. turmeric and 50 gm jiggery. As per Sambhav staff handi khata will be prepared in ten days and handi ausadha will prepare in 20 days. Then all participants visited the vermi pit and Sambhav staff clearly explains the vermi compost preparation.

The training concluded with a 2 hour question answer and participant assessment session.

Feed Back from Participants:

1. They gave many many thanks to Agragamee for sending them to Sambhav. We cannot believe that - "by applying organic compost,

organic manure, organic fertilizer and organic pesticides plant can be grow in very healthy manner which we saw here in Sambhav.”

2. We must apply this method in our field and produce poison less rice and vegetable for our family and other people.
3. We must motivate our neighbor to do organic cultivation.
4. We cannot burn dry leaf, small pieces of woods and bushes which are necessary for preparing mulching and compost.
5. The wood ash helps to grow the plants.
6. We will prepare handi khata, handi ausadha, compost pit, vermi compost, patali for vegetable cultivation and basin and netting system in our dangar where we planted fruit bearing plants.
7. We also apply zero tillage method which does not disturb the small useful micro-organism and vermi which is necessary for grow the fertility of soil.
8. By applying the techniques we have learnt, we will get better production in a low cost.
9. We also mulch dry leafs, grass and stones in vegetable garden and orchards.
10. This exposure visit will change our family economy and health status.

Participant List

Farmers' Exposure Visit

Exposure Visit		18-20th March 2017		
Sl.No	Name of the Participants	Organisation/ Position	Village	Block
1	Nandini Kulisaika	Farmer	Chaulkanti	Dasabantpur
2	Sanjana Saunta	Farmer	Chaulkanti	Dasabantpur
3	Deshaba Saunta	Farmer	Chaulkanti	Dasabantpur
4	Hero Jani	Farmer	Janiguda	Dasabantpur
5	Kamala Majhi	Farmer	Kukudagad	Kashipur
6	Rajmanti Majhi	Farmer	Kukudagad	Kashipur
7	Lakhmai Majhi	Farmer	Kukudagad	Kashipur
8	Sabhadei Majhi	Farmer	Singarkhadak	Kashipur
9	Sandei Majhi	Farmer	Singarkhadak	Kashipur
10	Ruknidei majhi	Farmer	Singarkhadak	Kashipur
11	Lachamai Majhi	Farmer	Singarkhadak	Kashipur
12	Kambhu Majhi	Farmer	Malijharana	Kashipur
13	Laxmi Naik	Farmer	Malijharana	Kashipur
14	Narayan Barik	Programee Assistance, Aragamee	Aragamee	Kashipur
15	Bijya Urlak	Farmer	Bistunguda	Rayagada
16	Bangari Himirika	Farmer	Bistunguda	Rayagada
17	Rupandei Majhi	Farmer	Dholposs	Th.Rampur
18	Danmati Majhi	Farmer	Dholposs	Th.Rampur
19	Sukanti Naik	Farmer	Peregeeni Pada	Th.Rampur
20	Karuna Muduli	Farmer	Adri	Th.Rampur
21	Phulmati Majhi	Farmer	Dholposs	Th.Rampur
22	Anita Muduli	Farmer	Adri	Th.Rampur