



## One Day Training Programme on System of Millet Intensification

### “Special Programme for Promotion of Millets in Tribal Areas of Odisha”

**Venue: Pragati Training Hall, Koraput**

**Date: 12<sup>th</sup> June 2017**

One day training Programme on System of Millets Intensification (SMI) was organized on 12<sup>th</sup> June 2017 at Pragati Training Hall, Koraput. The purpose of the training programme was to train the Project Coordinators (FAs) as well as the Community Resource Persons (CRPs) on advanced agronomic practices in order to increase the production of millets. There were 48 participants present in training programme such as Assistant Agriculture Officers of Koraput, Project Coordinators and CRPs of Facilitating Agencies (FAs) from Malkangiri and Koraput, State and District Coordinators of Wassan and Research officer of NCDS. The following table presents the list of organization and number of participants.

**Table: 1.1**

Name of the Organization	No. of Participants
Wassan	4
Pragati	7
Parivarttan	4
TSRD	4
Pradan	4
Harsha Trust	4
CYSD	4
MSSRF	4
Madhyam Foundation	4
SOMKS	4
NCDS	1
Agriculture Department	4

<b>Total Participants</b>	48
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Mr. Dinesh Balam, the State Coordinator of Millet Mission Odisha, WASSAN had welcomed the participants, and Dr. ChittaRanjan Das, Senior Research officer of NCDS, Bhubaneswar had inaugurated the programme by lighting the candle and talked about the aims and objectives of the *Special Programme for Promotion of Millets in Tribal Areas*. The introductory session was carried out by Mr. Dinesh Balam in which he talked about the need of SMI training and its schedule. Thereafter, the Secretary of Pragati, Koraput was invited to talk about his experience in conducting SRI as well as SMI in the field. He was also agreed to conduct the field demonstration.



Mr. Dinesh Balam was the Resource Person for the above mentioned training programme. He started the training programme by doing the cost-benefit analysis of rice and millet. It was a kind of interactive session where he was elaborating the basic understanding of the system of millet Intensification. He had thrown some light on how a farmer can get huge benefits by investing a small amount. He also talked about Processing, Consumption and Marketing millets and its products. The following Procedures for adopting SMI as an agronomic practice have been suggested to the participants by Mr. Dinesh Balam.

#### **Seed Selection and Treatment:**

There is no specific preference for using any particular variety of millet seed, but it is always better to start with new seeds rather than using older ones. The quality and best suitable

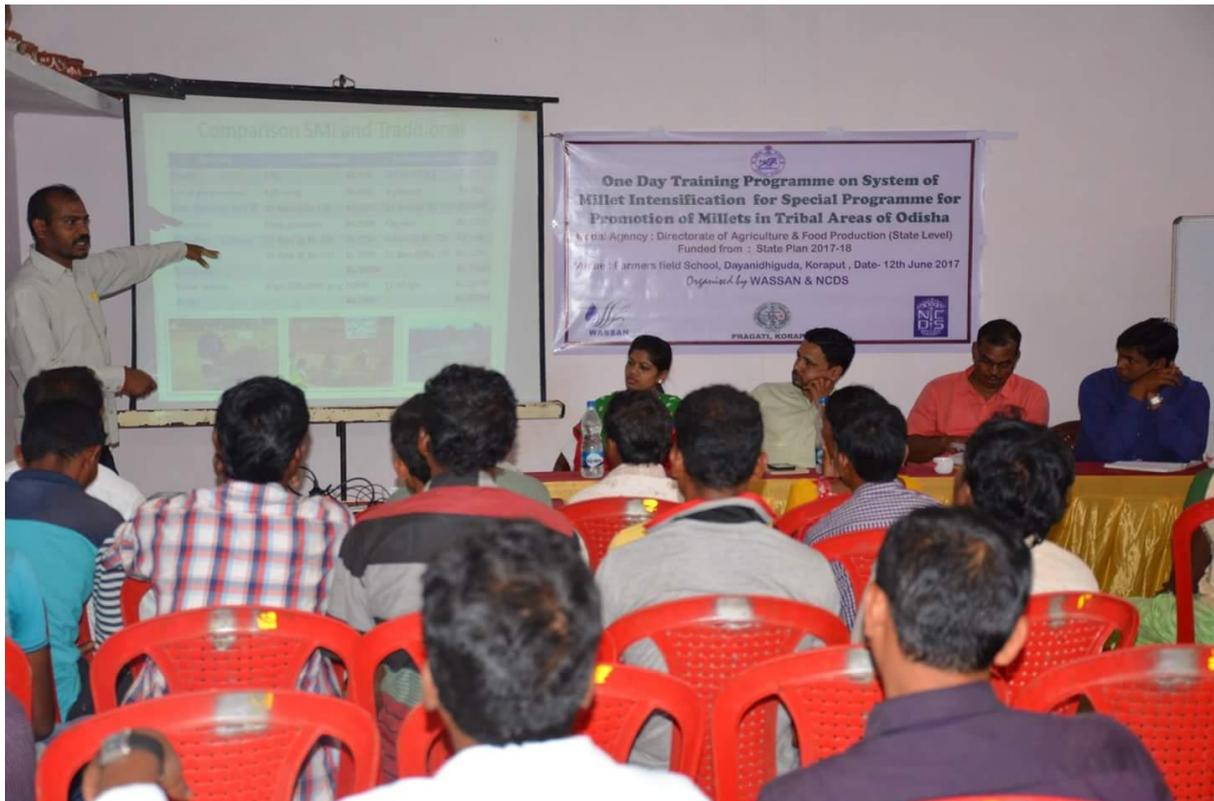
variety should be chosen and the quantity should be 300-500 gram per acre where as in traditional cultivation 4 kg will be required. The Seed treatment should be done with Bijamrita, a natural solution for effective protection against pest, diseases and fungi. The solution should be prepared with cow dung, cow urine and lime.

### **Nursery bed preparation:**

The area for Nursery bed should be 1 decimal land or 40 sq meter area for 8 beds specification of 5 m length and 1 m width and 9 to 12 inches rise bed above ground level will be sufficient for an acre of land. The bed should be prepared with mixture of sand, soil and compost at a ratio 1:1:1.

### **Sowing of Seeds:**

Put the seeds into Ploughed soil at a depth of 1/2 inch, and keep the spacing about 2 to 3 inches between the rows then apply thin layer one inch of vermi-compost or fully decomposed FYM on the bed. After seed is sown Spray *Jeevamrut* by adding water at 1:10 ratio on nursery bed (it can be prepare with 5kg cow dung,5 litter cow urine,250 gm jaggery,250 of pulses flour and handful of termite soil mixed with 10 litters of water.). After that mulching of paddy straw for two to three days for temperature is maintain for germination.



**Land preparation:** Minimum six times ploughed land is ideal for SMI with bullock plough or four times in tractor. Add 2 tons of fully decomposed FYM for one acre of land. Make the lines before furrow making at 12" spacing by wooden marker or rope. Preparation of ridge and furrow by cycle wheel hoe. Put compost on side of ridge not inside furrow. Transplantation in Main field collect seedlings without root damage at 15-25 days of age and plant it in the furrows one side where compost is placed at 12 inch mark. Rather cover by putting soil after placing seedling.

- Weeding and top dressing

- Weeding should be done at 10-12 days interval by cycle wheel hoe.

- Apply Jeevamrta / Vermicompost immediately after interculture or weeding.
- Weeding should be done three times during the crop season.
- Do weeding at 12-15 days interval when the soil is friable.
- Cycle wheel hoe and simple hand weeding tools can be used.
- Using a light *rolling log* press down the seedling bending them without damage.

### Field Demonstration:

The field Demonstration was carried out by the Secretary of Pragati, Koraput.



The Above Photo shows the procedure of weeding.

At the end, the vote of thanks was given by Niranjan Gauda, District Programme Coordinator, WASSAN.