

Residential Training on Preparation of Jeevamurta and its Application in SMI

VENUE – RLTC CYSD, (Boipariguda)

DATE-3rd and 4th September 2017

Two days residential training program on Jeevamurta Preparation and its application in SMI field was organized on 3rd and 4th September 2017 at Prayas CYSD, Block-Boipariguda. In this Training programme, Agriculture officer Mr. Nayak Babu, Dist. Coordinator, Wason, Mr. S. S. Sethi, millet farmers, and FA staffs were present. Total 18 participants were participated in this training programme.

The main objective of the training programme is to enhance crop yield, enhance soil fertility by applying organic practices in millet ecosystem to get more productivity in tribal areas.



Mr. Ramesh Kumar Swain, senior program officer had inaugurate the programme by lighting the lamp and briefly sharing the views about objective of *Special Programme for Promotion of Millets in Tribal Areas*. Self-introduction and experience sharing session was completed by farmers in crop care management practices.

Resource Person Mr. Saroj Kumar Rout lead the training programme about the various types of manure, organic manure, process of liquid manure preparation with mode of application, which produce ecofriendly effects and, low cost management create the space towards sustainable livelihoods of millet farmers. Practically, he explained the preparation Jeevamurta and its application in millet crops.

PREPARATION PROCESS OF JEEVAMURTA – There are following materials required to prepare Jeevamurta:-

- 1) Cow dung – 10 kg.
- 2) Cow urine -5-7 litter.
- 3) Jaggery - 1 kg.
- 4) Pulses powder – 1 kg.
- 5) Termite soil - 1 kg.

MEATHOD OF PREPARATION – Take one earthen pot of 20 – 25 litter capacity of water storage and mix all of the above materials and, mix it with help of wooden stick and cover the mouth of container by tightly using poly sheet. Keep the prepared stock solution in a shady place up to 5 days by turning once in each day. After 5 days the solution is ready for application in agricultural field.

USE – After 5 days, this solution of net content of 20-25 litter is mixed with 2 times water and applied at the time of irrigation in crop field. Or, the dilute solution is applied in between the row gaps on the soil layer to make more soil microbes, enhance soil fertility which is able to get better crop growth and at last yield can be maximized.

DOSES – The prepared solution of 20 -25 litter is applicable for one acre after dilute with 2 times of water. 2 -3 times of Jeevamurta application within 25 days of interval will give better yield in agricultural field.

ACTION PLAN FOR PREPARATION AND APPLICATION OF JEEVAMURTA BY FARMER – All the farmers, who were participated in the training programme, prepared a plan for using Jeevamurta in their villages.