

Field Demonstration cum Training on SMI Transplantation

Field training cum demonstration programme was conducted on dated 24th July 2017 at Jampada village of Bagpur GP of Narla Block of Kalahandi district. 3 CRPs of SVA, 3 farmers along with Programme officer Wasson participated in this demonstration practice.



As per prior discussion with CRPs, they gave handholding support to farmers and, also prepared land accordingly. A Farmer Pratap Majhi already ploughed his field. After discussion with him, field leveling procedure was done, which is necessary before transplantation. Then discussion happened with farmer about collection of seedling without any root damage. After leveling of field, 20 days aged seedling was collected from nursery bed in the presence of CRPs & Wasson Programme officer.

Before transplantation, line area was marked using rope on the field in a square grid pattern, at a distance of 12 inches. The uprooted seedlings were transferred to the main plot within 30 minutes, before the roots and soil dry out. At the time of transplanting, the plants are spaced at a distance of 12 x 12 inches. Seedlings were planted deep by pressing down and cover by putting soil. All participants involved in line marking, seedling collection and transplantation. After SMI transplantation demonstration all the participant discussion about weeding. Planning is prepare for weeding. Programme officer suggest that remove weeds with a weeder in between the rows 3 times at interval of 15 days. This removes unwanted weeds and also aerates the soil, helping the plants to grow faster. After weeding; mix 1 liter of Jivamruta preparation with 10 liters of water and apply in transplantation field.



After transplantation preparation of jivamruta explained in detail by Programme officer. material used for preparation of jivamrutai.e cow dung 5 kg, cow urine 5 ltr, pulses flour 1 kg, jaggery 250gm and termite soil – 100gm. Mix all the ingredients and rotated clock wise till all ingredients are mixed well (rotate in one direction only) and left to ferment. Jivamruta can be used after preparation from the 3rd day and can be kept for a week. Apply jivamruta after diluting it with water in 1:10 ratio.